

# Author index

This author index is designed to enable the reader to locate an author's name and work with the aid of the reference numbers appearing in the text. The page numbers are printed in normal type in ascending numerical order, followed by the reference numbers in parentheses. The numbers in *italics* refer to the pages on which the references are actually listed.

- Abbott, P.A. 871(17), 886  
Abdi-Oskoui, H. 557(42), 612  
Abe, S. 827(146), 864  
Abecassis, J. 398(121, 122), 471  
Abell, P.I. 627, 634, 636(35), 650  
Abelman, M.M. 433(211), 476  
Abeln, J. 605(183), 616  
Abels, J. 590(129d), 615  
Aben, R.W. 402, 403(134c), 472  
Aben, R.W.M. 586(115), 592(140), 615  
Abiko, A. 420(166b), 474  
Abram, T.S. 874(27), 886  
Abrams, G.D. 531(94), 545  
Achenbach, H. 494(22), 505  
Achi, S.S. 639(78), 651  
Achiba, Y. 179(15), 254  
Achini, R.S. 532(95), 545  
Acquardo, M. 298(78), 322  
Acuna, A.U. 423(172a), 474  
Adachi, N. 660(27), 680  
Adam, M. 34(42), 62, 440, 443(245c), 477  
Adam, W. 277(32c), 321, 905(89),  
911(128–131), 914(151), 924, 925  
Adamczak, O. 36(50), 62, 70(8, 9), 104  
Adams, J. 410(155a), 473, 496(27), 505  
Adger, B.J. 458(295), 479  
Adlington, R.M. 377(68c), 469, 849(197), 866  
Adløf, R.O. 778(6, 9), 861  
Aebischer, J.N. 248(304), 261  
Afonso, C.A.M. 430(193a), 475  
Afzal, J. 401(130), 472  
Agarrabeita, A.R. 278(37), 321  
Agarwal, D.D. 907(103), 924  
Ager, D.J. 424(178e, 178i), 475  
Aglietto, M. 158(55), 171  
Agmon, I. 947(48), 975  
Agnel, G. 436(223a), 477  
Ahamed, Z. 446, 451(257f), 478  
Ahern, D. 860(238), 867  
Ahrlrichs, R. 40(85), 63  
Ahmad, S. 378(73), 469, 898(50), 923  
Ahmed, G. 315, 317(120), 324  
Ahuja, V.K. 781(13), 861  
Aihara, J. 51(137b), 64  
Aihara, M. 788(35), 862  
Aistars, A. 315(112b), 324  
Aizenshtat, Z. 492, 493, 503(15), 504,  
920(191), 926  
Akagi, J. 913(141), 925  
Akai, S. 408(154c), 473  
Akasaka, T. 916(164), 925  
Akasaki, Y. 313(109d, 109f, 109h), 324  
Akermark, A. 423(175), 474  
Åkermark, B. 416(164b), 423(174), 434(209c),  
473, 474, 476, 653(1b), 661(30), 679, 680  
Akhunova, V.R. 921(205), 926  
Alami, M. 438, 439(233, 234a), 455(283a),  
477, 479  
Albert, B. 182(110), 257  
Albert, I.D.L. 15(89), 22  
Alberts, A.W. 827(144), 864  
ALBERTS, I.A. 4(15), 21  
Alberts, I.L. 35, 36(46a), 62, 161(76), 171  
Albrecht, A.C. 153(25), 170, 243(298), 261  
Albright, T.A. 174(1), 254  
Alcock, H.R. 343(92), 344(94), 356  
Alder, K. 518(44), 544  
Alexakis, A. 449(267a), 456(288), 478,  
479  
Alfassi, Z.B. 332(18), 354

- Algrim, D.J. 745, 746(48), 751  
 Al-Joboury, M.I. 175(6), 254  
 Al-Laham, M.A. 32(25), 62  
 Allan, M. 184(145), 236(268), 257, 260  
 Allauddin, M.M. 399(124h, 124i), 401(124i), 472  
 Allen, C.F.H. 401(132a), 472  
 Allen, F.H. 41(90), 63  
 Allen, W.S. 770(20), 774  
 Allenby, G. 808(83), 863  
 Allinger, N. 749(67), 751  
 Allinger, N.L. 38(67), 39(77), 63, 70, 71, 88(7), 104, 563(64a), 613, 686(4), 730  
 Allred, A. (29), 731  
 Almenningen, A. 40(84), 42(92), 53, 54(152), 63, 65, 158(45), 170  
 Alonso, D. 17, 19, 20(112, 114), 23  
 Alonso, I. 393(104), 471  
 Alper, H. 456(286, 287), 479  
 Alshuth, T. 150, 151(12), 170  
 Alvarez, J. 430(192), 475  
 Alvarez, R. 446, 451(257g), 478  
 Amann, C.M. 290(64), 322  
 Amano, A. 18(132a), 23  
 Amat Guerrie, F. 423(172a), 474  
 Amberg, W. 897(44), 923  
 Amit, A. 49(124), 64  
 Amrein, W. 56(167), 65, 940, 945(26a), 975  
 Amrich, M.J. 601(170), 616  
 Amrich, M.J.Jr. 549(22d), 612  
 Amstrup, B. 31(14), 61  
 Anastasia, M. 893(15), 922  
 Anastassiou, A.G. 180, 183(76), 256  
 Ancel, J.-E. 382, 384(83h), 470  
 Andersen, B. 49(123), 64  
 Andersen, N.H. 526(76a-c), 545  
 Anderson, D.R. 402, 403(134b), 472  
 Anderson, R. 424(178f), 475  
 Anderson, R.J. 532(95), 545  
 Anderson, W.S. 346(100), 356  
 Andersson, K. 243(296), 261  
 Andersson, P.G. 668(49a, 49b, 50), 669(51), 670(52, 53), 672, 673(54a, 54b), 675(58a, 58b, 59), 676(58b), 677(60), 680, 681  
 Andino, J.M. 922(219), 926  
 Ando, W. 916(164), 925  
 Andre, C. 388, 390(96d), 470  
 André, J.M. 2, 15(2), 20  
 Andreini, B.P. 452(269c), 478  
 Andres, J.L. 32(25), 62  
 Andrés, J.M. 15(84, 87), 16(87, 93), 22, 371(44), 468  
 Andrewes, A.G. 501, 504(49), 505  
 Andrews, A.G. 494(23), 505  
 Andrews, G.C. 812(94), 863  
 Andrews, L. 233(232), 236(250, 253, 255, 263, 264), 237(263, 264, 276, 277, 285), 248(250, 264, 285), 249(250, 263, 264, 285), 250(306), 260, 261  
 Andrews, R.C. 394(105b), 471  
 Andriamialisoa, Z. 368, 369(31b), 380(79, 80), 468, 470  
 Andzelm, J. 17, 18(98), 22  
 Anet, E.F.L.J. 791(41), 862  
 Anet, F.A.L. 81(35a), 107  
 Anet, R. 405(142), 472  
 Angell, R. 424(180), 475  
 Anghoh, A.G. 408(154c), 473  
 Angus, R.O.Jr. 947(57), 975  
 Anh, N.T. 17, 19, 20(116), 23  
 Annunziata, R. 70(5), 104, 409(154d), 473  
 Anthony, J. 971, 973(108), 977  
 Antonakis, K. 379(75), 470  
 Antonsson, T. 658, 659(22), 680  
 Aoki, T. 788(36), 862  
 Aoyagi, M. 4, 8(18), 13, 14(67), 21, 22, 337(52), 338(55, 58), 355  
 Aoyagi, S. 408(154a), 473  
 Aparowsky, H. 87(57), 108  
 Apeloig, Y. 558(48), 612  
 Appendino, E. 409(154d), 473  
 Applequist, E. 738(25), 750  
 Apsimon, J.W. 892(2), 922  
 Arai, S. 341, 343(80, 81), 356  
 Arai, Y. 827(141), 864, 963(88), 976  
 Arain, M.F. 918(180), 926  
 Arakawa, T. 166(107), 167(122), 168(107), 172  
 Araki, K. 388(98a), 471  
 Araki, S. 123(32), 147  
 Aranyos, A. 675(59), 681  
 Arcoria, A. 910(119), 924  
 Arey, J. 922(216), 926  
 Arif, A.M. 57(170), 65, 268(13), 290(66), 293(68), 311(105), 313(13), 320, 322, 323, 947(52), 975  
 Arigoni, D. 532(99), 546  
 Arimoto, F.S. 641(81a), 651  
 Armesto, D. 278(37), 321  
 Arnim, E.von 347(116), 356  
 Arnold, B.R. 35(45), 62, 268, 313(14b), 320  
 Arnold, D. 394(105a), 471  
 Arnould, D. 394(105e), 471  
 Aroca, R. 161(81), 171  
 Artschwager-Perl, U. 555(37), 575(92b), 587(119, 120), 612, 614, 615  
 Asai, M. 423(177), 474  
 Asako, Y. 181(78), 256  
 Asano, T. 548(5, 6), 549, 550(24), 552(27), 561(63c), 596(157), 611-613, 616  
 Asato, A.E. 361(12d), 382(87), 467, 470  
 Åsbrink, L. 179(26, 27, 46), 180(26), 183(26, 126), 184, 223, 225(26), 255, 257  
 Aschmann, S.M. 922(216, 217), 926

- Asher, J.D.M. 265(8), 319  
 Ashton, P.R. 576(94c, 94e), 577(95), 614  
 Asirvatham, E.T. 873(24a), 886  
 Askani, R. 181(83), 256  
 Aslam, M. 374(54a, 54b), 469  
 Asmis, K.R. 236, 249(247), 260  
 Asmus, K. 232(225), 259  
 Asmus, P. 180, 181(48, 54), 183(48), 255  
 Asokan, C.V. 463(304), 480  
 Assfeld, X. 17, 19, 20(109), 22  
 Astle, M.J. 720, 723(63), 732  
 Aston, J.G. 482(3), 504  
 Astrup, E.E. 183(118), 257  
 Ata, M. 337(52), 338(56, 58), 355  
 Ateeq, H.S. 315(112a, 115, 119), 317(119), 324  
 Aten, C.F. 33(32), 62  
 Atkins, P.W. 174(3), 254  
 Atkinson, R. 922(216, 217), 926  
 Aubert, F. 782(18), 861  
 Audia, J.E. 542(123b), 546  
 Ault, B.S. 233(232), 260  
 Aurell, M.J. 381(81a, 81b, 82), 470  
 Autze, V. 266(10a), 319  
 Avery, N.R. 486(11, 12), 487, 488(11), 504  
 Avirah, T.K. 39(76), 63  
 Awaji, H. 57(176), 65, 953, 961(70), 976  
 Awasthi, A.K. 667(46), 680  
 Ay, M. 446, 451(257e), 478  
 Ayala, P.Y. 32(25), 62  
 Ayer, W.A. 268(12a), 320  
 Aziz, M. 910(124), 925
- Baba, S. 452(269b), 478  
 Baba, Y. 57(174), 58, 61(179), 65, 953(72, 73), 961(73), 976  
 Babad, E. 306(94), 323  
 Babine, R.E. 910(117), 924  
 Bachrach, S.M. 34(39), 62, 974(109), 977  
 Baciocchi, E. 364(24a), 366(26), 468, 631, 649(55), 651  
 Backlund, B. 374(52a), 469  
 Bäckström, P. 658, 660(25), 680  
 Bäckvall, J.E. 393(103a), 471, 653(1b, 6, 7, 8a, 8b), 654(8a, 8b, 9), 658(26), 662(6, 7, 33a-d), 663(33a-d, 34a, 35), 665(36, 37), 666(38-41), 667(46, 47), 668(34a, 48a, 48b, 49a, 49b, 50), 669(51), 670(52, 53), 672(54a, 54b, 55, 56), 673(54a, 54b, 55), 675(58a, 58b, 59), 676(58b), 677(60), 678(63), 679-681, 756(5), 774, 920(188), 926  
 Bädecker, C.D. 252(308), 261  
 Bader, R.F.W. 742(40), 750  
 Bae, M.-A. 308(96), 323  
 Baeckstrom, P. 278(35), 321  
 Baertschi, P. 183(122), 236(256), 257, 260, 337(38), 355, 940, 941(28), 975  
 Baertschi, S.W. 905(94), 924  
 Baevsky, M.F. 372(46), 468  
 Baggolini, E.G. 415, 421(171d), 474  
 Bagli, J.F. 915(157), 925  
 Baidin, V.N. 180(73), 256  
 Bailey, D.M. 529(87b, 88), 545  
 Bailey, P.S. 913(147), 925  
 Bailey, S.M. 69(3), 104  
 Bailey, W.F. 537(109), 546  
 Baillargé, M. 666(44), 680  
 Bain, A.C. 660(29), 680  
 Baine, N.H. 523(64), 545  
 Baird, M.C. 639(72, 73, 76), 651  
 Bakeeva, R.S. 497(34), 505, 921(205), 926  
 Baker, A.D. 175, 178(7), 181(90), 254, 256  
 Baker, B.J. 361(15), 467  
 Baker, C. 175, 178(7), 211(187), 254, 258  
 Baker, F.C. 812(91), 863  
 Baker, G.L. 243, 246(300), 261  
 Baker, J. 17, 18(98), 22, 32(25), 62  
 Baker, R. 388, 389(96b), 470  
 Baker, W.R. 565(67), 613  
 Bakken, P. 4, 7(33), 21, 35(43), 42(92), 53, 54(152), 62, 63, 65  
 Balkouth, A. 368, 369(31d), 468  
 Balaji, V. 35(45), 62  
 Balakrishnan, A.R. 141(51a), 147  
 Balasubramanian, A. 155(30), 170  
 Balasubramanian, N. 827(142), 864  
 Balazy, M. 782(21), 861  
 Balci, M. 914(149), 915(155), 925  
 Baldwin, J.E. 602(175), 616, 849(197), 866, 894(19), 922  
 Balk, P. 228, 232(215), 259  
 Ball, H.A. 781(16), 861  
 Ballantine, D.S. 346(101), 356  
 Balle, T. 184, 250(148), 257  
 Balliano, G. 823(121), 864  
 Ballisteri, F.P. 910(119), 924  
 Bally, T. 98(83), 109, 158, 159(65), 171, 179(23), 180(61, 70), 183(23, 61, 70, 121-123, 129, 133), 184(23, 121, 147), 234(235), 235(236), 236(239, 241, 242, 246, 247, 251, 254, 256-260, 265, 266, 270, 271, 273), 237(246, 257, 258, 273, 275, 278, 279, 286), 238(246), 245(241, 242, 246), 247(301), 248(270, 275, 278, 279, 301-304), 249(246, 247, 257, 270, 275), 250(260, 278), 252(265, 266), 255-257, 260, 261, 337(38), 355, 931(5, 6), 940(28), 941(6, 28, 29), 945, 961(37), 974, 975  
 Baltes, H. 753(1), 756(7), 757(1), 773, 774  
 Bamford, C.H. 627(23), 650  
 Banerjee, A.K. 430(192, 193b), 475  
 Banett, S.M. 408(154c), 473

- Banks, R.B. 432(206a), 476  
 Bannai, K. 794, 795(48), 797(50, 51), 798(51), 862  
 Banthorpe, D.V. 364(20b), 468  
 Banyopadhyay, A.R. 920(196), 926  
 Bär, M. 40(85), 63  
 Baran, J. 560(54), 613  
 Barathi, P. 453(276c), 479  
 Barb, W.G. 627(23), 650  
 Barber, J. 243(297), 261  
 Barbieri, A. 315(112b), 324  
 Bard, A.J. 769(19), 774  
 Bard, A.J.S. 228(217), 259  
 Barkhurst, R.C. 120, 121, 125(30), 147  
 Barkovich, A.J. 964(91), 976  
 Barlaam, B. 377(66), 469  
 Barlow, S.E. 735(8), 736(13), 738, 739(8), 750  
 Barltrop, J.A. 289(58, 59b), 293(58), 298(77c), 322  
 Barnabas, M.V. 337(41–43), 355  
 Barnes, L.D. 838(165), 865  
 Barnette, W.E. 399(125a), 472, 517(41), 544  
 Baron, P.A. 52, 53(144), 65  
 Barrett, A.G.M. 377(68c), 440(246b, 248), 444(246b), 469, 477, 478  
 Barrett, C. 458(295), 479  
 Barrett, J.C. 289(59b), 322  
 Barrett, J.H. 903(80), 924  
 Barriel, J.M. 120(28), 147  
 Bartak, D.E. 538(111), 546  
 Bartels, H.M. 621, 622(11), 650  
 Bartlett, P.D. 562(57), 613, 901(70), 923  
 Bartlett, R.J. 16(94), 22  
 Bartlett, W.R. 531(94), 545  
 Bartmann, M. 560(53), 613  
 Bartmess, J.E. 98(84, 85), 99(85, 91), 109, 110, 735(2), 735(12), 740(36), 750  
 Bartmess, J.R.E. 721(64), 732  
 Bartok, M. 668(48a), 680  
 Barton, D. 824(124), 864  
 Barton, D.H.R. 265(9), 281(40b), 289(60b), 319, 321, 322, 361, 364(6), 377(67), 467, 469, 626(20), 650, 896(37), 911(135), 912(136), 918(177, 178), 923, 925, 926  
 Basak, S. 947(55, 56), 975  
 Basch, H. 183(115), 211(115, 186), 257, 258  
 Basheer, R. 351(139, 140), 357  
 Baskaran, S. 894(24), 923  
 Bass, L.S. 182(103), 256  
 Bastian, E. 329–331(14), 354  
 Bastiansen, O. 158(45), 170  
 Batal, D. 905(90, 91), 924  
 Bates, G.S. 420(166a), 474  
 Bates, R.B. 749(73), 751  
 Batich, C. 180, 183(50, 63), 184(50, 63, 155, 158), 211(50), 225, 228(63), 249(50), 255, 258  
 Batlaw, R. 639(77), 651  
 Bats, J.W. 266(10a), 319  
 Bättig, K. 399(125b), 405(146), 472, 518(50b, 51b), 545  
 Battioni, P. 723(68), 732  
 Bauder, A. 5(38d), 21, 33(30), 46(118), 62, 64  
 Bauer, S.H. 38(61), 44(100), 49(126), 52–54(146), 56–58, 61(164), 63–65  
 Bauer, T. 592(142), 615  
 Bauer, W. 747(60), 751  
 Baughman, R.H. 8(42), 21, 34(40), 62  
 Baum, S. 45(109), 64  
 Baumann, P. 276(27b), 320  
 Baumann, R.G. 347(117), 356  
 Baumeler, A. 419(165d), 474  
 Baumgärtel, H. 931(5), 974  
 Baumgarten, M. 974(110), 977  
 Bäuml, E. 877, 879(35), 886  
 Bauschlicher, C.W. 3(10), 21  
 Baweja, R. 802(63), 862  
 Beauchamp, J.L. 735, 736(11), 750  
 Beaucourt, J.P. 782(18), 830, 831(147), 861, 864  
 Beaudet, I. 446(252), 478  
 Beaulieu, P.L. 627, 631, 633–635(39), 650  
 Bebernitz, G.R. 417(164c), 473  
 Bebout, D.C. 337, 338(50), 355  
 Becher, J. 460(301a, 301b), 480  
 Bechter, M. 430(194b), 475  
 Beck, J.P. 514(36), 544  
 Beck, K. 555(37), 587(119), 612, 615  
 Becker, D. 264(3b), 319  
 Becker, H. 266(10b), 319  
 Becker, H.-D. 308(97b), 323  
 Becker, J.Y. 758(9), 774  
 Becker, K.B. 407(150d), 473  
 Beckhaus, H.-D. 80(32), 98(82), 106, 109  
 Beckmann, B.G. 514(38a, 38b), 544  
 Beckwith, A.L.J. 627, 633(43), 640(79), 651  
 Beeke, P.G.van der 604(181), 616  
 Beez, M. 179, 183, 208, 248(20), 254  
 Beezer, A.E. 101, 102(96), 110  
 Beifuss, U. 379(76e), 470, 519(52, 53), 545  
 Bekkum, H.van 687(12), 731  
 Beletskaya, I.P. 433(210a), 476  
 Belko, I.A. 875, 877(29), 886  
 Bell, A.J. 14(74), 22  
 Bell, I. 276(27a), 320  
 Bell, R.A. 529(87b, 88), 545  
 Bellassoued, M. 424(181, 182), 475  
 Bellus, D. 631, 634(58), 651  
 Belosludtsev, Y.Y. 459, 461(299a), 479, 813(98), 863  
 Belt, S.T. 483, 484, 493(6), 504  
 Bender, C.O. 277(33), 321  
 Bender, J.A. 311(107), 323  
 Benecou, C. 395(113c), 471

- Benedetti, E. 158(55), 171  
 Ben-Efram, D.A. 155(29), 170  
 Benet-Buchholz, J. 26, 27, 33, 34, 38(4), 42,  
 43(96), 46, 47(116), 61, 63, 64  
 Benetti, M. 452(269c), 478  
 Benham, J.L. 937(14), 974  
 Benjamin, B.M. 849(198), 866  
 Benkhoff, J. 576(93), 614  
 Benn, R. 968(105), 977  
 Bennani, Y.L. 897(44), 923  
 Bennett, J.N. 402(133c), 472, 511(20), 544  
 Beno, B. 854(210), 866  
 Beno, M.A. 49(127), 64  
 Bensasson, R.V. 237, 238, 245(287), 261,  
 337(51), 355  
 Benson, S.W. 73(18), 89(62), 105, 108,  
 549(20), 611  
 Bent, H.E. 98(81), 109  
 Bentz, H. 877(33), 886  
 Benveniste, P. 141(51c), 147  
 Benz, R.C. 236(244), 260  
 Berber, J.G. 179, 184(35), 255  
 Bergamini, F. 621, 622, 646(7), 650  
 Bergen, H.R. 783(29), 862  
 Bergen, H.R.III 784(33), 862  
 Berger, J.G. 29(10), 61  
 Bergman, R.C. 183(130), 184(146), 257,  
 405(145), 472  
 Berkovitch-Yellin, Z. 947(47), 975  
 Berman, E. 895(33), 923  
 Berman, M.R. 405(145), 472  
 Bernardi, F. 17(95), 22  
 Bernardi, R. 624, 625, 631, 648(17), 650  
 Bernardino, G. 465(309b-d), 480  
 Bernett, J.T. 778(7), 861  
 Bernhard, J.C. 430(196), 475  
 Berrova, N. 112, 117, 133(1e), 146  
 Bershas, J.P. 423(173a, 173b), 474  
 Bertinato, P. 440(249), 478  
 Bertrán, J. 16(93), 17(105–107, 112, 123),  
 18(106), 19(107, 112, 123), 20(105–107,  
 112, 123), 22, 23  
 Bertucci, C. 117, 118, 135(13), 146  
 Bertz, S.H. 264(2c), 319  
 Besasson, R.V. 339(66), 355  
 Beskopyl'nyi, A.M. 609(192a), 617  
 Bestian, H. (216), 866  
 Bestmann, H.J. 407(150c), 459(299b, 299c),  
 462(299b), 473, 479, 781, 782(14), 861  
 Betteridge, D. 181(90), 256  
 Beveridge, D.L. 197(169), 258  
 Bevington, J.C. 623, 624(15, 16a), 650  
 Beyer, D. 938(19), 974  
 Beyer, W.H. 720, 723(63), 732  
 Beziat, Y. 788(37), 862  
 Bezuglov, V.V. 818(103), 863  
 Bhagwat, S.S. 834(158), 865  
 Bhat, S. 911(134), 925  
 Bhat, S.V. 398(118), 471  
 Bhattacharyya, K. 336(37), 355  
 Bhawal, B.M. 401(130), 472  
 Bianchi, R. 45(105–108), 64  
 Bienayme, H. 434(209e), 435(209e, 219), 476  
 Bierbaum, V.M. 735(8, 10), 736(13), 738,  
 739(8), 750  
 Bieri, G. 179(16, 20, 27), 180(16, 57, 58),  
 181(58), 183(16, 20, 115), 184(144),  
 208(20), 211(115), 248(20), 254, 255, 257  
 Bigam, G. 306(93), 323  
 Bigeleisen, J. 802(65), 853(208), 862, 866  
 Bigelow, R. 242(292), 261  
 Billhardt, U.-M. 266(10a), 319  
 Billups, E.W. 51(133b), 64  
 Billups, W.E. 180(55), 255, 968(104), 977  
 Binegar, G.Al. 549(22b), 612  
 Binkley, J.S. 32(25), 62, 747(61), 751  
 Binsch, G. 178(14), 213(14, 190, 191), 254,  
 259  
 Birch, A.J. 465(308c-e), 480  
 Bird, T.G.C. 514, 517(40), 544  
 Birge, R.R. 150(8), 169  
 Birkofner, L. 424(178d), 475  
 Birladeann, L. 599(164), 616  
 Birladeanu, L. 608(189), 617  
 Birnbaum, L.S. 778(4), 861  
 Birney, D.M. 17, 18, 20(101), 22  
 Bis, S.J. 663, 668(34c), 680  
 Bischof, P. 29(11), 61, 179(39, 45), 180(39),  
 45, 49–51, 56, 66–68, 71), 181(51, 67,  
 68, 91, 92), 182(56), 183(49, 50, 116,  
 135), 184(50, 91, 92, 116, 152), 185(56,  
 92), 211(50), 213(194, 195), 225(49, 211),  
 249(50), 252(45), 255–259, 367(28b), 468  
 Bishop, D.M. 16(91), 22  
 Bishop, E. 627, 631, 636(30), 650  
 Bixler, D. 770(20), 774  
 Bjørnland, T. 504(53), 505  
 Black, K.A. 855(220), 866  
 Blake, J.F. 17(100, 103, 124–126), 18(103),  
 19(103, 124), 20(103, 124–126), 22, 23,  
 591(134), 615  
 Blanchette, M.A. 419(165e), 474  
 Blandamer, M.J. 591(133), 615  
 Blankley, C.J. 810(88), 863  
 Blart, E. 433(210b), 476  
 Bläser, D. 51(131, 133b), 54(158), 64, 65,  
 180(55), 255  
 Blech, S. 494, 495(25), 505  
 Bickle, P. 180(60), 255  
 Blinka, T.A. 961(84), 976  
 Bloch, M. 180(60), 255  
 Bloch, R. 395(113c), 398(121–123), 471, 472,  
 906, 907(96), 924  
 Block, E. 372(47d), 374(54a, 54b), 469

- Blokzijl, W. 591(133), 615  
 Bloom, J.D. 415(170), 474  
 Bloom, S.H. 536(108), 546  
 Bloomer, W.D. 844, 845(177), 865  
 Blumenkopf, T.A. 533(100), 546  
 Bobrowski, K. 336(31–37), 337(33, 35), 354, 355  
 Boche, G. 747(55), 748(55, 63, 64), 751  
 Bock, C.W. 4(19, 20, 25, 26), 5, 7(19), 8, 9(25, 26), 21, 35, 36(46c), 62, 158(61), 161(73, 81), 162, 164(91), 171  
 Bock, H. 174(2), 179(2, 20, 34), 183(20, 118), 184(154), 199, 203(2), 208(20), 213(2), 242(288), 248(20), 254, 255, 257, 258, 261, 959(82), 961(82, 83), 976  
 Bockman, T.M. 639(77), 651  
 Bocquet, J.F. 179(21), 254  
 Boddy, C.N. 408(154c), 473  
 Boden, B.F. 623, 624(16a), 650  
 Bodenseh, H.-K. 52, 53(149), 65  
 Boeckman, R.K.Jr. 402(135), 417(164c), 472, 473  
 Boeckmann, R.K. 907(108), 924  
 Boehm, M.C. 182(103), 184(151), 256, 258  
 Boehm, S. 185(165), 258  
 Boehm, T.L. 440, 444(246b), 477  
 Boekelheide, V. 964(93), 976  
 Boer, F.B. 57(172), 65  
 Boerth, D.W. 744(46), 748, 749(66), 751  
 Boese, R. 26(4), 27(4, 9), 28(9), 33, 34(4), 36(50), 38(4), 40(85), 42(9, 93, 96), 43(96), 45(109), 46(115, 116), 47(116), 51(131, 133a, 133b), 52, 53(147), 54(158), 58(185), 61–65, 70(8, 9), 104, 180(55), 184(139), 255, 257, 576(93), 614  
 Bogenhoff, C. 368(37), 468  
 Boger, D.L. 116, 117, 133(11), 146  
 Bogg, J. 161(79), 171  
 Bogg, J.E. 162(92), 171  
 Bogomolni, R.A. 808(82), 863  
 Böhm, M.C. 181, 183(86), 225(211), 256, 259  
 Bohme, D.K. 735(7, 9), 739(33), 750  
 Boiadzhiev, S. 805(76), 863  
 Boisvert, W.E. 498(37), 505  
 Boivin, J. 377(66), 469  
 Boland, W. 40(85), 63  
 Bolard, J. 141(51c, 52c), 147  
 Boldi, A.M. 971, 973(107, 108), 977  
 Boldingh, J. 917(172), 925  
 Boldt, P. 621, 622(11), 650  
 Bolton, G.L. 388, 391(96f), 470  
 Bombach, R. 179(22), 255  
 Bonchev, D. 51(138), 64  
 Bond, J.A. 778(4), 861  
 Bondi, A. 551(25b, 26), 561, 609(25b), 612  
 Bondybey, V. 231(223), 233(233), 236(269), 259, 260  
 Bonnet, A. 412, 414(162c), 473  
 Bönzli, P. 725(73), 732  
 Bopp, C.D. 350(131), 357  
 Borcie, S. 860(237), 867  
 Bordeleau, L. 408(154c), 473  
 Borden, W.T. 185(159), 258, 597(160), 616  
 Bordener, J. 40(81), 63  
 Bordner, J. 280(39), 321  
 Bordwell, F.G. 374(52c), 469, 734, 744(3), 745(3, 48), 746(48), 750, 751  
 Borer, B.C. 459(299a, 300b, 300c), 461(299a, 300b), 462(300c), 479  
 Boros, C. 465(310d), 480  
 Boros, E. 465(310d), 480  
 Borowski, E. 141(52c), 147  
 Bors, D.A. 745(49), 751  
 Borshagovskaya, I.S. 158(53), 170  
 Borst, D.W. 812(91), 863  
 Borzilleri, R.M. 431(199), 476  
 Borzyk, O. 184(143), 257  
 Bos, H.J.T. 52(143), 65  
 Bosakowski, T. 808(83), 863  
 Boschelli, D. 405, 418(143), 472  
 Bosse, D. 225(211), 259  
 Boswell, C.J. 871(9, 12, 13), 872(12, 13), 886  
 Botta, M. 423(173c), 474  
 Bottger-Vetter, A. 494(22), 505  
 Bottoni, A. 17(95), 22  
 Boudon, C. 56(167), 65, 940, 945(26a), 971, 973(108), 975, 977  
 Boudreaux, D.S. 157(43), 170  
 Boumaiza, L. 379(75), 470  
 Bouman, T.D. 119, 124, 125(26), 147  
 Boutay, J. 415(163a), 473  
 Bowden, M.C. 904(85), 924  
 Bowen, J.P. 38(67), 39(77), 63  
 Boyarskaya, I.A. 179(41), 255  
 Boyd, G.V. 518(45b), 544  
 Boyé, O. 838(166, 167, 169), 839(167, 169), 865  
 Boynton, W.A. 871, 872(13), 886  
 Boys, M.L. 440, 444(246b), 477  
 Bozler, D. 375(57), 469  
 Bradford, E.G. 338(59, 60), 355  
 Bradshaw, J.S. 308(98), 323  
 Bradshaw, S.A. 493(18), 504  
 Brady, F. 825(130), 864  
 Brady, S.F. 532(97a, 97b), 546  
 Braish, T.F. 393(103b), 471  
 Braitsch, D.M. 432(202b), 476  
 Bramwell, F.B. 58(184), 65, 942(35a), 975  
 Branchadell, V. 17(105, 106, 108, 110–114, 122), 18(106), 19(108, 110–114), 20(105, 106, 108, 110–114, 122), 22, 23  
 Brandenburg, J. 436(224a), 477

- Brandt, M. 831(149), 865  
 Brattain, R.R. 158(48), 170  
 Brauen, B.M. 570(75), 613  
 Brauman, J.I. 733(1), 739(34, 35), 750  
 Braumann, J.I. 899(56), 923  
 Brédas, J.L. 14(76), 22, 157(43), 170  
 Bregman, J. 40(88), 63  
 Breining, S. 280(39), 321  
 Breitkopf, V. 558(45), 568(73), 570(84), 584,  
     585(112), 602(180), 612–614, 616  
 Bremner, J. 376(60), 469  
 Bren, V.A. 717, 722(55), 732  
 Bremner, C.M. 742–744(42), 751  
 Brennan, J. 458(295), 479  
 Breslow, R. 102(99a), 110, 591(131), 615,  
     909(114, 115), 924  
 Brett, W.A. 58(185), 65  
 Breuckmann, R. 36(50), 62, 70(8, 9), 104  
 Brewer, R. 871(14), 886  
 Brewster, D. 920(203), 926  
 Brewster, J.H. 136, 137(45a), 147  
 Brichford, N.L. 857(229), 866  
 Bridges, A.J. 402, 403(134a), 472  
 Bridson, M.J. 903(79), 924  
 Brieger, E. 402(133c), 472  
 Brieger, G. 511(20), 544  
 Brilon, G. 361(12c), 467  
 Brinkmeyer, R.S. 530(91), 545  
 Briskman, B.A. 350(137), 351(138), 357  
 Brittain, H.G. 141(52b), 147  
 Britton, G. 150(9), 169  
 Brocklehurst, B. 335(26, 27), 336(26, 28, 29),  
     354  
 Brock, A.D. 150, 169(11), 170  
 Broen, A. 832(154), 865  
 Brogli, F. 47(119), 64, 179(17, 47), 180(17),  
     181(85, 87), 183(47, 114), 185(47), 211(17,  
     114), 215(199), 254–257, 259  
 Broglli, F. 183(125), 257  
 Brooks, B.R. 162, 169(90), 171  
 Brossi, A. 838(166–169), 839(167, 169),  
     865  
 Brostrom, M. 36(52), 62  
 Brouwer, A.M. 31(12, 14), 61, 162(88, 89),  
     163(89), 164(88, 89), 171  
 Brower, C. 602(178a), 616  
 Brower, K.R. 602(178a), 616  
 Brown, C.A. 781(13), 861  
 Brown, C.E. 268, 313(14b), 320  
 Brown, F.K. 43(98c), 63, 850, 851(201), 866  
 Brown, F.R. 57(178), 65, 945(38), 975  
 Brown, G.R. 576(94c), 614  
 Brown, H.C. 432(207b, 207c), 446(255), 476,  
     478, 687(10, 11), 731, 802(60), 862  
 Brown, H.M. 185(167), 258  
 Brown, J.F. 343, 344(90), 356  
 Brown, M. 964(93), 976  
 Brown, P. 399(124g), 472  
 Brown, P.J. 827(142), 864  
 Brown, R. 500(45), 505  
 Brown, R.D. 52, 53(144), 65  
 Brown, R.G. 660, 662(28), 680  
 Brown, R.S. 182(104), 256  
 Brown, W.G. 207(178), 258  
 Browne, A.R. 116, 117, 132, 133(10), 146  
 Browne, E. 822(120), 864  
 Browne, L.M. 268(12a), 320  
 Brownlee, R.T.C. 688(16), 731  
 Brownstein, S. 745(71), 751  
 Bruckmann, P. 179(42, 44), 255  
 Bruckne, R. 433(215c), 476  
 Brueckner, R. 859(234), 867  
 Brüggemann, J. 921(211), 926  
 Bruins Slot, H.J. 52(143), 65  
 Brun, C. 554(35), 612  
 Brundle, C.R. 175, 178(7), 179(19), 211(19,  
     186), 254, 258  
 Brunell, D.J. 903(79), 924  
 Bruno, F. 631, 632, 643, 649(54b), 651  
 Brunsvold, W.R. 184(138), 257  
 Buback, M. 548(16), 590(129a–d, 130),  
     594(145), 604(182), 605(183, 184), 611,  
     615, 616  
 Bubenitschek, P. 33, 34(27, 28), 62, 369,  
     370(39a), 468, 584, 585(112), 614  
 Buberitschek, P. 423(176), 474  
 Buchecker, R. 112(4), 138(47b), 141(4), 146,  
     147  
 Bucher, W. 901(66), 923  
 Buchi, G. 375(55), 469  
 Büchler, U. 931(5), 974  
 Buck, H.M. 119(19a, 19c), 146, 147  
 Buck, J. 141(50b), 147  
 Buckl, K. 747(55), 748(55, 63), 751  
 Bucy, N.E. 6(41), 21  
 Buda, A. 940(25), 975  
 Budny, G.L. 783(26), 862  
 Budzikiewicz, H. 485, 489, 490(7), 493(21),  
     494, 495(25), 496(7), 504, 505  
 Buenker, R.J. 11, 12(51), 21  
 Buhl, M. 744(44), 751  
 Buisson, J.-P. 166(116), 169(128), 172  
 Bukanova, N.N. 350(137), 357  
 Bullivant, M.J. 278(36), 321  
 Buma, W.J. 11(46), 13(46, 68), 21, 22,  
     157(42), 170  
 Bumagin, N.A. 433(210a), 476  
 Buntel, C. 280(39), 321  
 Bunting, S. 834(158), 865  
 Bünzli, J.-C. 102(97), 110, 179(29), 184,  
     225(136), 255, 257  
 Bur, D. 453(276d), 479  
 Burak, A.J. 179(29), 255  
 Burden, F.R. 52, 53(144), 65

- Burdet, J.K. 174(1), 254  
 Burger, F. 179, 180, 183(16), 254  
 Burger, W. 783, 805, 809, 834(27), 862  
 Burgess, K. 657, 660(21), 680  
 Burgstahler, A.W. 116(11), 117(11, 15),  
     120(30, 31), 121, 125(30), 128(37), 133(11),  
     134(37), 146, 147, 270(18), 320, 532(98),  
     546  
 Burke, S.D. 511(26), 544  
 Burkert, U. 563(64a), 613  
 Burkett, U. 686(4), 730  
 Burkhardt, G.N. 687(9), 731  
 Burlant, W.J. 346(103), 356  
 Burley, J.W. 748(65), 751  
 Burnett, F.N. 424(183b), 475  
 Burnham, R.D. 740(36), 750  
 Burr, J.C.Jr. 56(165a), 65  
 Burrell, S.J. 606(185b), 617  
 Burrow, P.D. 334(20), 354  
 Burson, R.C. 183, 184(128), 257  
 Burt, S.K. 4(34), 21  
 Burton, G.W. 784(32), 855(217), 862, 866  
 Buschmann, J. 38(63), 49(125), 63, 64  
 Buschow, K.H.J. 228, 232(215), 259  
 Buser, U. 184(147), 257, 945, 961(37), 975  
 Bushby, R.J. 747(58), 751  
 Busler, W.R. 343(89), 356  
 Buss, A.D. 415(168a-c, 169a, 169b), 474  
 Buss, V. 141(50e), 147  
 Butenandt, A. 454, 455(278b), 479, 896(36),  
     923  
 Butenko, O.Y. 180(52), 255  
 Buxton, G. 353(152), 357  
 Buxton, G.V. 328(12), 354  
 Buzelaar, P.H.M. 51(137c), 64  
 Bystrom, S. 366, 367(28d), 468  
 Byström, S.E. 662, 663(33a), 666(38, 40), 680  
 Bywater, S. 745(71), 751
- Cabiddu, S. 627, 635(36b), 650  
 Cabral, J. 747(56), 751  
 Cacchi, S. 433(215a), 434(209a), 476  
 Cadioli, B. 26(3), 61  
 Cahiez, G. 457(290), 479  
 Caine, D. 282(47a, 47b), 321, 415, 421,  
     460(171b), 474  
 Cais, M. 361, 364(1), 467  
 Calabrese, J. 949(63), 975  
 Calabrese, J.C. 942(33), 975  
 Caldwell, D.J. 112, 117(1c), 119(18), 120,  
     133(1c), 146  
 Caldwell, R.A. 739(32), 750  
 Cameron, J.F. 808(84), 863  
 Caminati, W. 5(38d), 21, 33(30), 62  
 Cammers-Goodwin, A. 511(18), 544  
 Camp, M.R.de 562(60), 613
- Campbell, J.B.Jr. 415, 421(171c), 432(207b,  
     207c), 446(256), 474, 476, 478  
 Campbell, S. 388, 390(96c), 470  
 Cannizzaro, S. 281(40c), 321  
 Cannizzo, L.F. 426(184b), 475  
 Cantrell, T.S. 308(101g), 313(109a), 323,  
     324  
 Caple, G. 510(12), 544  
 Caporusso, A.M. 117, 118, 135(13), 146  
 Carder, R.W. 289(59b), 322  
 Cardillo, M.J. 44(100), 63  
 Carless, H.A.J. 297(73b), 298(73b, 77c), 322  
 Carmody, M.A. 298(78), 322  
 Carne, I. 381(81b), 470  
 Caronna, T. 648(94), 652  
 Carpenter, B.K. 337, 338(50), 355  
 Carpenter, J.E. 17, 18(99), 22, 32(24), 62  
 Carpita, A. 452(269c), 478  
 Carr, R.V.C. 915(159), 925  
 Carrasco, M.C.S. 430(192, 193b), 475  
 Carreira, L.A. 53(153), 65, 161, 162(69), 171  
 Carretero, J.C. 393(104), 471  
 Carrupt, P.-A. 134(43), 147, 184(158), 258  
 Carry, J.-C. 406(149), 472  
 Čársky, P. 242(291, 292), 261  
 Casas, R. 17, 20(122), 23  
 Casey, C.P. 432(205, 206b), 476  
 Castaño, A. 672, 673(55), 680  
 Castedo, L. 415, 421(171d), 438, 439(234b),  
     474, 477  
 Castiglioni, C. 150, 166(6), 169  
 Cativiela, C. 17, 19, 20(129), 23  
 Catt, J.D. 827(142), 864  
 Cattel, L. 823(121, 122), 864  
 Cavazza, M. 287(52c), 322  
 Cave, R.J. 11(52), 13(52, 66), 14(72), 21, 22,  
     248(305), 261  
 Cecere, M. 624, 625, 631(17), 648(17, 94),  
     650, 652  
 Cederbaum, L.S. 211(189), 258  
 Ceita, L. 381(82), 470  
 Cerati, A. 647(90), 652  
 Cerfontain, H. 297(74), 322  
 Ceruti, M. 823(121, 122), 864  
 Cervellati, R. 53, 54(159), 65  
 Cervini, L.A. 536(108), 546  
 Cha, D.A. 895, 896(30), 923  
 Cha, J.K. 897(43), 923  
 Chabardes, P. 394(105e), 471  
 Chabert, P. 412(161c), 473  
 Chachaty, C. 339(66), 355  
 Chadwick, R.R. 11, 13(47, 48), 21, 153(27),  
     159, 160(27, 66), 170, 171  
 Chaffee, K. 315(112b), 324  
 Chakraborty, T.K. 420(166c), 423(172c),  
     440(249), 474, 478  
 Chakraborty, V. 434(209f), 476

- Challacombe, M. 32(25), 62  
 Chamberlain, N.F. 39(79), 63  
 Chamberlin, A.R. 416(164a), 473, 536(108), 546  
 Chambers, L. 394, 396(106a), 471  
 Champagne, B. 15(84, 87), 16(87), 22  
 Chan, C. 450(261a, 262), 478  
 Chan, L.M. 818(104), 863  
 Chan, T.-H. 424(178b, 179a), 425(179a), 475  
 Chan, T.H. 424(178g), 475  
 Chan, T.-T. 378(72b), 469  
 Chan, T.-Y. 378(72a), 469  
 Chan, W.K. 141(50a), 147  
 Chance, R.R. 157(43), 166–168(97), 170, 171  
 Chandrasekaran, S. 894(24), 911(134), 923, 925  
 Chandrasekharam, M. 463(302, 304), 480  
 Chang, C.-T. 628(44), 651  
 Chang, E.S. 812(91), 863  
 Chang, H.M. 242(292), 261  
 Chang, S. 602(178a), 616, 900(63), 923  
 Chang, S.Y. 398(120b), 471  
 Channamallu, K. 86(52), 108  
 Channing, M.A. 824(123), 825(126), 826(123), 864  
 Chanon, M. 232(224), 259  
 Chapiro, A. 345(98, 99), 346(102), 356  
 Chapman, O.L. 81(35a), 107, 268(12b, 14a, 14f), 313(14a, 14f), 320  
 Chappuis, J.L. 119, 124, 125(26), 147  
 Chapuis, C. 592(142), 615  
 Charbonneau, G.P. 53(154), 65  
 Charles, N.R. 315(112a), 324  
 Charlesby, A. 347(113, 115, 116), 350(113), 356  
 Charlton, J.L. 399(124h, 124i), 401(124i), 472  
 Charney, E. 112(1a), 114, 115(9), 117(1a, 9), 119(20–24), 120(1a, 22, 23), 122(23), 126(36), 133(1a), 134(36), 144(22), 146, 147  
 Charton, B.I. 689(23), 704(37), 710, 711(49), 712(49, 51, 53), 714(51, 53), 731, 732  
 Charton, M. 688(17, 18), 689(22–24), 690, 691(22, 25), 692(22, 27), 698(27), 699(25, 28), 701(24, 25, 27), 704(37–39), 705(42), 706(43–45), 707(45, 46), 708(45, 47), 709(47), 710(24, 25, 27, 47, 49, 75), 711(49, 50, 52), 712(49, 51–53), 714(24, 25, 27, 51, 53), 727(50), (26), 731, 732  
 Charumilind, P. 182(103), 256  
 Chase, C.E. 268(13), 311(105, 107), 313(13), 320, 323  
 Chastel, R. 99(88), 110  
 Chau, A.S.Y. 892(2), 922  
 Cheeseman, J.R. 32(25), 62  
 Chemin, D. 438(232), 455(283b), 477, 479  
 Chen, C.E. 31(21), 62  
 Chen, C.-H. 424, 425(179c, 179d), 475  
 Chen, C.S.H. 627, 636(31), 650  
 Chen, H.-C. 399(127), 472  
 Chen, J. 308(102), 323  
 Chen, M.-Y. 627, 631(32), 650  
 Chen, P. 213(192), 259  
 Chen, P.M. 791(42), 862  
 Chen, R.L. 418(165b), 474  
 Chen, S. 394(108a), 471  
 Chen, W. 32(25), 62  
 Cheng, K.-F. 378(72a, 72b), 469  
 Cheong, K.K. 119(18), 146  
 Cherest, M. 17, 19, 20(115), 23  
 Cherniak, E.A. 498(40), 505  
 Cheson, R.M. 548, 564(3), 611  
 Cheung, H.-C. 394, 396(106b), 471  
 Chiang, C.C. 40(86), 63  
 Chiang, J.F. 38, 42(59), 52–54(146), 63, 65  
 Chiba, Y. 449(268a), 478  
 Chickos, J.S. 70(4–6), 104  
 Chida, N. 433(212a), 476  
 Chidambaram, N. 911(134), 925  
 Chikina, Z.N. 351(138), 357  
 Chiou, D.-M. 874(25), 886  
 Chirico, R.D. 81(42a, 42b), 107  
 Chirstmann, K.-F. 407(152a, 152b), 473  
 Chittattu, G. 528(82), 545  
 Chiusoli, G.P. 466(313e), 480  
 Choe, J.-I. 41, 42(91), 63  
 Choi, S. 4–6(35), 21  
 Choi, Y.S. 14(74), 22  
 Chong, C.N. 500(46), 505  
 Chou, S.S.P. 395(112c), 471  
 Chou, T.-C. 368, 369(31e), 468  
 Chou, T.-S. 395(112b, 112c), 397(115), 398(120a, 120b), 399(127), 471, 472  
 Choudary, B.M. 453(276c), 479  
 Choudhry, S.C. 783, 805, 809, 834(27), 862  
 Chow, A. 747(57), 751  
 Chow, T. 182(110), 257  
 Choy, W. 419(165e), 474, 910(121), 924  
 Christensen, D.H. 162–165(86), 171  
 Christensen, R.L. 14(74), 22  
 Christl, M. 180, 181(67, 68), 256  
 Christoph, G.G. 49(127), 64, 225(211), 259  
 Chuang, C.-P. 522(61), 545  
 Chum, P.W. 538(112), 546  
 Chung, A.L.H. 102(99b), 110  
 Chung, J.Y.L. 450(262), 478  
 Chung, S.K. 657(14), 680  
 Chung, T.-C. 158(44), 170  
 Chupka, W.A. 179(24), 255  
 Churney, K.L. 69(3), 104  
 Chwang, W.K. 717(57), 732  
 Ciardelli, F. 141(48), 147  
 Ciattini, P.G. 433(215a), 476  
 Cibura, G. 877, 879(35), 886

- Ciganek, E. 511(21), 544, 566(80), 570(80), 81, 613  
 Cimiraglia, R. 287(52c), 322  
 Ciolowski, J. 32(25), 62  
 Citterio, A. 621, 622(7, 8), 631(57), 646(7), 647(89, 90), 649(8), 650–652  
 Ciula, J.C. 734(4), 750  
 Claesson, A. 368(37), 468  
 Clanton, J.A. 845(180, 183), 865  
 Clar, J.E. 381(81b), 470  
 Clardy, J. 182(103), 183, 184(128), 256, 257  
 Clardy, J.C. 184(141, 142), 257  
 Clark, K.B. 179(36), 255  
 Clark, P.A. 183(125), 257  
 Clark, R.J.H. 151(16), 170  
 Clark, T. 747(61), 751  
 Clarke, R. 498(36), 505, 907(104), 924  
 Claspy, P.C. 236(244), 260  
 Claus, K. (216), 866  
 Claus, K.H. 38(73), 63  
 Clayden, J. 415(168d), 474  
 Clayton, J.D. 895(32), 923  
 Clementi, E. 4(12), 15(79), 21, 22, 31(15, 16), 61, 166(109), 172  
 Clennan, E.L. 289(59a), 322, 915(153), 925  
 Clericuzio, M. 133, 134, 137(41c), 147  
 Clive, D.L.J. 408(154c), 473, 528(82), 545  
 Clough, J.M. 415, 421(171a), 474  
 Clough, R.L. 347(121, 122, 124), 356  
 Coates, R.M. 859(236), 867  
 Coburn, J.F.Jr. 84(45), 107  
 Cockerill, A.F. 364(20a), 468  
 Coggiola, I.M. 791(39), 862  
 Cohen, M.P. 559(51), 613  
 Cohen, N. 530(90), 545  
 Cohen, T. 432(204), 476  
 Colapret, K.A. 772(24), 774  
 Cole, A.R.H. 5(40), 21, 158, 159(51), 170  
 Cole, R.H. 6(41), 21  
 Cole-Hamilton, D.J. 498(36), 505, 907(104), 924  
 Collins, C.J. 849(198), 866  
 Collman, J.P. 899(56), 923  
 Colpa, J.P. 639(73), 651  
 Colson, St.D. 179(24), 255  
 Colvin, E.W. 424(178k), 475  
 Come, J.H. 313(110a, 110b), 324  
 Comita, P.B. 405(145), 472  
 Compton, D.A.C. 161(77), 171  
 Condon, S. 378(73), 469, 898(50), 923  
 Condon, S.M. 440, 443(245a), 477  
 Condroski, K.R. 631(61), 651  
 Conlon, L.E. 854, 855(213), 866  
 Connelly, J.W. 639(74, 75), 651  
 Conover, W.W. 921(214), 926  
 Conrad, N.D. 857(230), 866  
 Contelles, J.L.M. 366, 367(28a), 468  
 Contreras, B. 382(85), 470  
 Cook, B.R. 899(57), 923  
 Cook, R.L. 39(76), 63  
 Cooke, D.A. 483, 484, 493(6), 504  
 Cooke, R.J. 897(43), 923  
 Cookson, R.C. 276(30d), 320  
 Cooney, M.J. 963(90b), 976  
 Cooper, D.M. 905(92), 924  
 Cooper, J.L. 526(75), 545  
 Cooper, M. 844(179), 865  
 Copenhafer, R.A. 311(106c), 323  
 Corcoran, J.W. 420(166a), 474  
 Corey, E.J. 268(14c), 272(19a, 19b), 313(14c), 320, 372(47a), 385(88), 387(94), 416(164a), 439(239, 240a), 440(247), 469, 470, 473, 477, 631(60), 633, 640(62), 645(60, 88), 651, 652, 810(89), 863, 898(49), 923  
 Corma, A. 911(132), 925  
 Corman, M.L. 847(189), 866  
 Cornelise, J. 870(6), 886  
 Cornelisse, J. 141(49), 147  
 Correia, C.R.D. 296, 306(72), 322  
 Cosstick, K. 561(63c), 613  
 Costa, M. 466(313e), 480  
 Costain, C.C. 498(40), 505  
 Cottard, M. 416(164b), 434(209c), 473, 476  
 Coulson, C.A. 209(182), 258  
 Cowan, D.O. 26(1), 61, 942(35a), 975  
 Cox, N.J.G. 629(46), 651  
 Cradock, S. 179(43), 233(231), 255, 260  
 Cragoe, E.J.Jr. 827(144), 864  
 Craig, D. 511(23), 544, 720(62), 732  
 Craig, R.H. 847(191), 866  
 Craig, W.G. 892(2), 922  
 Cram, D.J. 739(26), 750  
 Crandall, J.J. 921(214, 215), 926  
 Crandall, J.K. 179, 180, 211(17), 254, 265(6), 285(51), 319, 321, 529(87b, 87c, 88), 545, 905(90–93), 924  
 Cravotto, G. 409(154d), 473  
 Crawford, J. 406(148), 472  
 Cremer, D. 31(19), 51(137c), 61, 64  
 Crespi, T.M. 570(89), 614  
 Crews, P.O. 39(78), 63  
 Crich, D. 626(20), 650, 824(124), 864  
 Criegee, R. 895(25, 26), 896(26), 921(208, 210), 923, 926  
 Crimmins, M.T. 264(3a), 319  
 Crisp, G.T. 509(10), 544  
 Crispino, G.A. 897(44, 46), 923  
 Crist, B.V. 119, 124, 125(26), 129(38), 130, 134(38, 39), 147  
 Cristea, H.J. 788(37), 862  
 Cromack, K.R. 337(42), 355  
 Crombie, L. 459(296), 479  
 Crooks, E.L. 71, 72, 77(11a, 11b), 78(26), 88(11a, 11b), 104, 106

- Crossley, M.J. 894(19), 922  
Croteau, R. 819(108), 859(236), 863, 867  
Crouch, R.D. 406(149), 472  
Crouse, G.D. 841(173), 865  
Crousse, B. 438, 439(233), 455(283a), 477, 479  
Crowley, K.J. 265(6), 274(25), 319, 320  
Cruse, W.B. 415(168c), 474  
Cruz, P.J.D. 845(180), 865  
Császár, P. 162, 164(87), 171  
Cserep, Gy. 339(72), 340(84), 341(77, 79), 355, 356  
Csöregi, I. 658(23), 680  
Cui, C.X. 4(17), 21, 166(120), 172  
Cuisiat, S.V. 315(112a), 324  
Cullen, D.L. 43(97), 63  
Cunard, N. 306(90a), 323  
Cunningham, A.F.Jr. 465(309b), 480  
Curran, D.P. 522(60), 545, 620(2), 628(44), 633(63), 650, 651  
Curry, B. 150, 169(11), 170  
Cuthbertson, G.R. 98(81), 109  
Cutting, J.D. 907(107), 924  
Cuvigny, T. 375(59), 469  
Cvetanovic, R.V. 631(50), 651  
Cybulski, S.M. 738(23), 750  
Cycin, S.J. 33(31), 62, 161(80), 171  
Cywar, D.A. 623, 624(15, 16a), 650
- Dabestani, R. 308(101c), 323  
Dauble, J.F. 514(36), 544  
Dagdagian, O.A. 70, 71, 88(7), 104  
Dahlen, S.E. 783(24), 862  
Dahlke, G.D. 740(37), 750  
Dahmen, A. 510(14), 544  
Dai, S. 236(259, 260), 250(260), 260  
Dai, S.H. 858(231, 232), 859(232), 866  
Dailey, W.P. 276(30b), 320  
Daines, R.A. 420(166c), 423(172c), 474  
Daintith, J. 210, 211(185), 258  
Daka, M.R. 597, 600(169), 616  
Dahl, A.R. 777(2), 778(4, 5), 861  
Dallinga, G. 38(62, 64), 63  
Dallinger, R.F. 338(65), 355  
D'Aloisio, R. 912(138), 925  
Dalton, J.C. 297(75), 298(77a), 322  
Daluge, S.M. 847(191), 866  
Damiani, D. 38(60), 53, 54(159), 63, 65  
Damodaran, K.M. 844, 845(177), 865  
Damodaran, N.P. 276(30a), 320  
Damrauer, R. 736(13), 750  
Dana, G. 642(83), 652  
Dang, H.P. 438(229), 477  
d'Angelo, J. 17, 19, 20(108), 22  
Daniel, D.S. 119(17), 146, 273(22), 320  
Daniels, K. 907(113), 924  
Daniewski, W.M. 590(128), 615
- Danilova, N.A. 431(198b), 476  
Danishefsky, S. 565(79), 613, 895(33), 923  
Danjo, H. 818(107), 863  
Dannacher, J. 179(22), 236(268), 255, 260  
Dannenberg, I.J. 17(105–107, 111), 18(106), 19(107, 111), 20(105–107, 111), 22, 23  
Dannenberg, J.J. 17, 19, 20(117, 123), 23  
Dantanarayana, A.P. 388, 391(96f), 470  
Danzo, B.J. 845(180, 182, 183), 865  
Das, G. 527(81), 545  
Das, G.P. 15(80, 85), 22  
Das, K.G. 401(130), 472  
Das, P.K. 336(31–37), 337(33, 35), 354, 355  
Dauben, W.G. 274(24), 276(27a, 27b), 320, 377, 378(69a, 69b), 407(156a), 469, 473, 565(67), 582(107a), 601(172), 613, 614, 616  
Dauber, P. 153, 159, 161(22), 170  
Daucher, B. 949, 959(61), 975  
Davidson, E.R. 11(52), 13(52, 66), 14(72), 21, 22  
Davidson, J.M. 660, 662(28), 680  
Davies, M. 657(13a), 679  
Davis, B.H. 503(51), 505  
Davis, J.T. 419(165e), 474  
Dawe, E.A. 237, 238, 245(287), 261  
Dawson, J.I. 160(68), 171  
Dawson, M.I. 808(84), 863  
Day, A.C. 289, 293(58), 322  
Day, C.A. 289(59b), 322  
Deana, A.A. 827(144), 864  
De Carvalho, M.-E. 899(53), 923  
Declerq, J.-P. 949(58), 975  
De Clerq, P. 507(1), 544  
Decorzaht, R. 511(24b, 27), 544  
Decorzani, R. 375(56b), 469  
Decorzant, R. 457(293), 479  
Decosta, D.L. 280(39), 321  
Defauw, J. 533(101, 103), 535(107), 546  
DeFrees, D.J. 32(25), 62, 738(22), 750  
DeFuria, F. 910(119), 924  
Degenhardt, C.A. 181(84), 256  
Degenhardt, C.R. 225(213), 259  
DeGeorge, J.J. 824(125), 864  
Dehennin, L. 500(44), 505  
Dehn, J.S. 498(39), 505  
Deiters, U. 559, 561, 563(52), 613  
Dejroongraung, K. 71(11b), 72(11b, 14), 77, 88(11b), 104, 105  
De Keukeleire, D. 264(1c), 319  
deKock, R.J. 268(16a), 320  
De Kok, A.J. 119(16a, 16b), 146  
De Koning, L.J. 236(274), 260  
Del Bene, J. 242(292), 261  
De Lera, A.R. 268(15a), 320  
Delhalle, J. 2, 15(2), 20  
Dellepiane, G. 166(115), 172

- Delton, M.H. 402(135), 472  
 DeLucca, G. 45(110), 64, 181, 185(98), 256  
 DeLucchi, O. 277(32c), 321  
 Delugeard, Y. 53(154), 65  
 De Maré, G.R. 35, 36(46d), 62  
 Dembek, A.A. 155(37), 170  
 De Medeiros, E.F. 459(300a, 300d), 461(300a), 462(300d), 479  
 De Meijere, A. 52(141), 65, 180, 181(72), 256  
 Demuth, M. 281(41b), 321  
 Denis, J.-M. 881(36), 886, 945(40), 975  
 Denissen, J.F. 848(194), 866  
 Denmark, S.E. 455(282a), 479, 509(9a, 9b), 544  
 Dep, B. 463(303a), 480  
 Depezay, J.C. 412, 414(162c), 473, 782(23), 861  
 DePuy, C.H. 735(8, 10), 736(13), 738, 739(8), 750  
 Derguini, F. 141(50b), 147  
 Derone, A.E. 606(185b), 617  
 Desai, S.R. 398(118), 471  
 Descouins, C. 454, 455(278a), 479  
 DeShong, P. 417(164c), 473  
 Desmaele, D. 301(85a, 86), 323  
 Desmond, R. 533(101), 546  
 Desrosiers, M. 337(45), 355  
 Dessau, R.M. 631, 632(53), 645(53, 87), 651, 652  
 Dettmer, G. 535(106), 546  
 Deuter, J. 44(102–104), 64  
 Dev, S. 276(30a), 320, 453(276b), 479  
 Devaux, P. 500(43), 505  
 DeVita, R.J. 666(42), 680  
 DeVoe, H. 133(41a), 147  
 Devyatkyh, G.G. 802(67), 862  
 Dewar, M.J.S. 2, 17(5), 20, 32(23), 62, 102(99b), 110, 207(178), 225(212), 258, 259, 630(48), 651  
 DeWitt, E.J. 717(58), 732  
 Dhanoa, D.S. 627, 631, 633–635(39), 650  
 Dickerson, J.E. 434(209d), 435(218), 476  
 Di Corato, A. 117, 135(12), 146  
 Dieck, H.A. 438(228), 477  
 Diederich, F. 56(167), 65, 940, 945(26a), 971, 973(107, 108), 975, 977  
 Diederichs, F. 58(180), 65  
 Diedrich, M.K. 599(163), 602(174), 603(190), 606(186), 607(187), 608(188), 616, 617  
 Dielman, J. 228, 232(215), 259  
 Diercksen, G.H.F. 211(189), 258  
 Dietrich, H. 56, 57, 61(166), 65  
 Dietz, F. 974(110), 977  
 Dill, J.D. 184(144), 257  
 Dillet, V. 17, 19, 20(129), 23  
 Dilworth, B.M. 374(52f), 469  
 Dimichele, L. 440, 441(244c), 477  
 Dimitrova, B.A. 485(9), 504  
 Ding, R.S. 338(59, 60), 355  
 Ding, S.F. 822(116), 864  
 Dinne, E. 510(13), 544  
 Dios, A.de 440, 442(244d), 477  
 Dirac, P.A.M. 152(21), 170  
 Dirkzwager, H. 770(22), 774  
 Ditchfield, R. 78(27), 106  
 Dittami, J.P. 280(39), 321  
 Dixon, D.A. 15(86), 22  
 Djerassi, C. 485, 489, 490, 496(7), 504  
 Djuric, S.W. 440, 441(244a), 477  
 Do, U.H. 860(238), 867  
 Dobler, W. 185(165), 258  
 Dodelet, J.P. 335(25), 339(73), 354, 355  
 Doecke, C.W. 181(94), 256  
 Doering, J.P. 11(64, 65), 22  
 Doering, W.v.E. 39(79), 54(158), 63, 65, 76, 77(23), 78(26), 98(23), 106, 179(37), 183, 184(117), 211(37), 255, 257, 559(51), 596(158), 608(189), 613, 616, 617, 627(25, 27), 650  
 Doering, W.von E. 81(39), 84(45), 88(39), 97(77), 102(100), 107, 109, 110, 599(164), 616  
 Dogan, B. 80(32), 98(82), 106, 109, 570, 573(86), 614  
 Dogan, B.M.J. 559(51), 560(53), 562(59), 570, 573(87), 574(91), 595, 596(152), (153), 613, 614, 616  
 Dolbier, W.R. 594, 595(149), 616  
 Dolbier, W.R.Jr. 76, 77(23), 78(26), 98(23), 102(100), 106, 110, 858(231, 232), 859(232), 866  
 Dole, M. 347(109), 351(139, 140), 356, 357  
 Dolle, R.E. 410(155c), 415, 422(171e), 473, 474  
 Dolman, D. 277(33), 321  
 Domaille, P.J. 52, 53(144), 65  
 Domalski, E.S. 70(9), 104  
 Domcke, W. 211(189), 258  
 Domelsmith, L.N. 181(84), 225(213), 256, 259  
 Domingues, E. 438, 439(234a), 477  
 Domnin, I.N. 179(41), 255  
 Doney, J.J. 424, 425(179c, 179d), 475  
 Doning, D. 440, 442(244e), 477  
 Donkersloot, M.C.A. 119(19a, 19c), 146, 147  
 Doolittle, R.E. 455(282b), 479  
 Dore, L. 53, 54(159), 65  
 Dorfman, L.M. 327(9), 354  
 Dorko, E.A. 56(164, 165a, 165c), 57, 58, 61(164), 65, 931(2), 974  
 Dornow, R. 621, 622(11), 650  
 Dosio, F. 823(122), 864  
 Dowbenko, R. 522(62), 545  
 Doxsee, K.M. 427(185), 475

- Doyle, A.M. 717(56), 732  
 Dragonette, K.S. 33(34), 62  
 Drake, A.F. 116, 117, 132, 133(10), 146  
 Drake, S.R. 791(42), 862  
 Drechsel-Grau, E. 621, 622(11), 650  
 Dreiding, A. 43(97), 63  
 Drenth, W. 34(41), 62  
 Dressel, J. 181; 184, 185(92), 256, 365(23c, 23d), 468  
 Drew, M.B.G. 586(114), 615  
 Dring, L.G. 818(102), 863  
 Drisko, R.L. 26(1), 61  
 Dromzee, Y. 376(61), 469  
 Drouin, J. 181, 184(97), 256  
 Drummond, G.S. 847(192), 866  
 Dube, D. 388, 390(96d), 470  
 Dubois, J.-E. 631, 632, 643, 649(54b), 651  
 Dubuis, R. 453(276a), 479  
 Dudis, D. 15(85), 22  
 Dudis, D.S. 15(80), 22  
 Dudley, G.K. 344(94), 356  
 Duhamel, L. 382(83f-h, 84-86), 384(83f-h), 418(86), 419(83f), 470  
 Duhamel, P. 382(83f, 83g, 86), 384(83f, 83g), 418(86), 419(83f), 470  
 Duke, A.J. 401(132b), 472  
 Dunbar, R. 229(218-220), 230(219, 220), 236(237, 238), 249(238), 259, 260  
 Dunbar, R.C. 179(25), 184(149), 236(244, 245, 252, 267, 272), 237(281), 248(267), 249(245, 252), 255, 257, 260, 261  
 Duncan, J.H. 377, 378(69a), 469  
 Dunitz, J.D. 37(57), 58, 60(181), 63, 65, 964(97), 976  
 Dunkin, I.R. 236(263), 237(263, 285), 248(285), 249(263, 285), 260, 261  
 Dunogues, J. 673(57c), 681  
 Dunston, J.M. 289(55b), 322  
 Duplantier, A.J. 420(166c), 474  
 Dupont, G. 141(52a), 147  
 Dupous, M. 4(12, 17), 21  
 Dupuis, M. 15(79), 22, 31(15-17), 35(17), 61, 166(109), 172  
 Duraisamy, M. 136(44a, 44b), 147  
 Duran, M. 16(93), 17, 19, 20(123), 22, 23  
 Durig, J.R. 6(41), 21  
 Durner, G. 266(10a, 10b), 319  
 Durst, T. 404(137c), 472, 610(201), 617  
 Duthaler, R. 298(77b), 322  
 Dykstra, C.E. 16(92), 22  
 Dyomin, P.M. 813(98), 863  
 Dzhemilev, U.M. 907(102), 924  
  
 Easwaran, K.R.K. 141(51a), 147  
 Eaton, D.F. 179(30), 255  
 Eberbach, W. 181(87), 256  
 Eberhardt, A. 34(42), 62, 440, 443(245c), 477  
  
 Ebrey, T.G. 141(50a), 147  
 Ebsworth, E.A.V. 179(43), 255  
 Echegoyen, L. 772(24), 774  
 Ecpter, T. 958(79), 976  
 Eckell, A. 274(26), 320  
 Eckert, C.A. 554(34), 556(39), 557(40, 41), 558(47a, 47b), 612  
 Eckert-Maksic, M. 26(5), 61, 177(12), 180(12, 65), 181(65), 221(208), 254, 255, 259  
 Eckrich, T.M. 439(239, 240a), 477  
 Edenborough, M.S. 606(185b), 617  
 Edmiston, C. 220(205), 259  
 Edmunds, J.E. 440(248), 478  
 Edwards, J.M. 126, 134(36), 147  
 Edwards, M.P. 388, 389(96a), 470  
 Edwards, P.D. 894(22), 922  
 Effenberger, F. 411(155f), 473  
 Efimov, I.B. 352(142), 357  
 Egawa, Y. 232(228), 259  
 Eglinton, G. 493(18), 504  
 Egmond, M.R. 917(172), 925  
 Ehrenson, S. 688(16), 731  
 Eichel, W. 621, 622(11), 650  
 Eicher, T. 379(76a), 470  
 Eickhoff, D.J. 907(113), 924  
 Eisenstein, O. 17, 19, 20(116), 23  
 Eiter, K. 364(24b), 468  
 Ejiri, E. 428, 429(190e, 190f), 475  
 Eland, J.H.D. 175(9), 179, 184(18), 254  
 Elango, V. 417(164c), 473  
 Eldik, R.van 548(4, 6), 611  
 El-Dim, G.N. 609(193), 617  
 El-Din, G.N. 588(122), 610(200), 615, 617  
 Elix, J.A. 366(27), 468  
 Eller, B.C. 845(182), 865  
 Ellerman, T. 339(67), 355  
 Ellis, D.E. 871(15), 886  
 Ellison, G.B. 11(61), 22, 735, 738, 739(8), 750  
 Ellsworth, R.L. 840(172), 843(176), 865  
 Elsässer, D. 182(110, 113), 257  
 El-Sayed, M.A. 150, 151(10), 170, 183(119), 257  
 El Tayar, N. 802(64), 862  
 Elvidge, J.A. 822(115), 864  
 El'yanov, B.S. 552(30), 592(141), 598(162), 612, 615, 616  
 Elzen, W.van den 610(201), 617  
 Ema, K. 350(133, 134), 357  
 Emken, E.A. 778(6, 9), 861  
 Emram, J. 855, 857(225), 866  
 Enchev, V. 51(138), 64  
 Enden, L.van den 37(58), 63  
 Enders, D. 387(94), 470  
 Endo, Y. 51(130), 64  
 Eng, W. 809, 810(87a, 87b), 863  
 Engberts, J.B.F.N. 591(133), 615

- Engelhardt, L.M. 182(109), 257  
 England, W. 220(205), 259  
 Englert, G. 493(19), 504(54), 505  
 English, J.H. 236(269), 260  
 Engman, L. 366, 367(28d), 468  
 Enkelman, V. 34(42), 62  
 Enkelmann, V. 440, 443(245c), 477  
 Enoki, T. 963(89), 976  
 Ensley, H.E. 915(159), 925  
 Enzell, C.R. 493(20), 505  
 Epa, W.R. 439(236b), 477  
 Epling, G.A. 281(43), 321  
 Epperly, M.W. 844, 845(177), 865  
 Erb, J.M. 831(149), 865  
 Erden, I. 184(138), 257, 914(151), 925  
 Erickson, K.L. 274(26), 320  
 Eriksen, J. 919(182), 926  
 Ermann, P. 459, 462(299b), 479  
 Ermer, O. 40(80), 48(122), 63, 64, 252(308), 261, 559(51), 571(90), 613, 614  
 Ermolaeva, L.V. 179, 180(40), 255  
 Ernest, I. 411(155d), 473  
 Ernst, L. 590(126), 615  
 Eros, D. 518(47), 544  
 Ervin, K.M. 735, 738, 739(8), 750  
 Erwin, W.R. 821(112), 864  
 Esaki, T. 440, 441(244b), 477  
 Eschenmoser, A. 276(31a, 31b), 320, 374(49), 469, 532(99), 546  
 Escher, S.D. 375(56b), 469  
 Essenfeld, A.P. 419(165e), 474, 514(34), 544  
 Estok, G.K. 498(39), 505  
 Eswarakrishnan, V. 374(54b), 469  
 Etamad, S. 243, 246(300), 261  
 Etemad, S. 158(44), 170  
 Eugster, C.H. 169(126), 172, 419(165d), 474  
 Evans, D.A. 440, 443(245b), 477, 812(94), 863  
 Evans, E.A. 822(115), 864  
 Evans, J.F. 410(155a), 473  
 Evans, M.G. 347(112), 356  
 Evans, W.H. 69(3), 70(9), 104  
 Evanseck, J.D. 2, 17(3), 20, 558(46), 597(159), 612, 616  
 Evens, R. 485(10), 504  
 Evstigneeva, R.P. 813(98), 863  
 Exner, O. 549(18), 611  
 Eyring, H. 112, 117(1c), 119(18), 120, 133(1c), 146  
 Facleau, T.J. 791(42), 862  
 Fagan, P.J. 942(33), 975  
 Fallahpour, R.-A. 570, 573(88), 614  
 Fallis, A.G. 180(53), 255, 402(133a), 472, 511(22), 544  
 Fan, S.Y. 904(82), 924  
 Fang, H.L.-B. 157(41), 170  
 Fang, J.-M. 627, 631(32), 650  
 Fang, W. 71(12), 72(14), 76, 77(12), 86(50), 51, 88(12), 91(69), 104, 105, 108, 109  
 Fang, Y.B. 844(179), 865  
 Farge, G. 394(105e), 471  
 Farges, G. 43(97), 63  
 Farid, R. 769(19), 774  
 Farquharson, S. 338(65), 355  
 Farvey, D.H. 465(307), 480  
 Fattouni, C. 627, 635(36b), 650  
 Fauler, J. 782(20), 861  
 Faulques, E. 166(116), 169(128), 172  
 Fayos, J. 183, 184(128), 257  
 Fazliddinova, N.B. 860(239), 867  
 Fazon, S. 667(47), 680  
 Feldhuis, M. 638, 639(70), 651  
 Feldman, K.S. 313(110a, 110b, 111), 324  
 Felkin, H. 17, 19, 20(115), 23  
 Fenske, R.F. 207(176), 258  
 Fenton, D.N. 871, 873(10), 886  
 Ferguson, G. 657(13a, 13b), 679  
 Ferguson, M.D. 315(112a, 120), 317(120), 324  
 Feringa, B.L. 593(144), 615  
 Ferrar, W.T. 343(92), 356  
 Ferretti, L. 38(60), 63  
 Ferro, M.P. 394, 396(106a), 471  
 Fessenden, R.W. 330, 331(16), 341(85), 354, 356  
 Fessner, W.-D. 182, 184(108), 185(160), 252(309), 256, 258, 261, 466(312a, 312b), 480, 575(92a, 92b), 614  
 Fex, T. 405(141a), 472  
 Fiandanese, V. 452(273), 457(289), 479  
 Fiddler, S. 415, 421, 460(171b), 474  
 Fiecchi, A. 893(15), 922  
 Field, M.J. 17(95), 22  
 Fielder, S. 791(43, 44), 862  
 Fields, E.K. 920(200), 926  
 Fieser, L.F. 483, 500(5b), 504  
 Fieser, M. 483, 500(5b), 504  
 Figeys, H.P. 372(47b), 469  
 Fiksdahl, A. 504(53), 505  
 Fitzgerald, G.R. 236, 249(245), 260  
 Fincher, C.R. 31(21), 62  
 Findlay, R.H. 179(43), 255  
 Fink, M.O. 633, 640(62), 651  
 Finnerty, M.A. 86, 88(56), 108  
 Finter, J. 343(93), 356  
 Finzi, C. 647(90), 652  
 Firestone, M.A. 561(63b), 613  
 Firestone, R.A. 561(65), 613, 849(200), 866  
 Firestone, R.B. 822(120), 864  
 Firl, J. 718(60), 719(61), 724(71), 732  
 Fischer, H.G. 921(210), 926  
 Fischl, A. 394, 396(106a), 471  
 Fischli, A. 394, 396(106d), 471  
 Fish, R.H. 627, 631, 632, 634, 635(38), 650  
 Fisher, J.J. 35(44), 62, 161(72), 171

- Fisher, P.V. 289(62), 290(63–66), 322  
 Fisher, R.W. 902(73), 924  
 Fitchen, D.B. 166(104), 169(127), 172  
 Fitzi, K. 530(89), 545  
 Fitzpatrick, F.A. 783(26), 834(158), 862, 865  
 Fitzpatrick, G.J. 871(17), 886  
 Fitzsimmons, B. 825(127), 864  
 Fitzsimmons, B.J. 410(155a), 473  
 Flagan, R.C. 922(218), 926  
 Fleming, I. 361, 364(8), 395(110), 467, 471, 673(57c), 681  
 Fleming, M.P. 428(187a), 475  
 Flicker, W.M. 11(63), 22  
 Flippen-Anderson, J.L. 565(70), 613  
 Flörke, U. 33(35), 62  
 Flory, P.J. 347(114), 356  
 Floyd, L.J. 838(165), 865  
 Fogarasi, G. 4, 5, 8–10(31), 21, 152(19), 162(92), 170, 171  
 Foldesova, M. 352(144–146), 357  
 Foldiak, G. 340(84), 341(79), 356  
 Fonken, G.J. 508(4), 544  
 Font, J. 17(105, 106, 112, 114), 18(106), 19(112, 114), 20(105, 106, 112, 114), 22, 23  
 Foos, J.S. 42(95), 63  
 Foote, C.S. 919(182), 926  
 Forbes, J.E. 904(85), 924  
 Forbes, W.F. 155(30), 170  
 Ford, W.T. 745–747(45), 751  
 Foresman, J.B. 11(61), 22, 32(25), 62  
 Forner, W. 742(43), 751  
 Forshult, S. 326(6), 354  
 Forster, P. 237, 250(284), 261  
 Förster, T. 209(181), 258  
 Fortunak, J.M.D. 372, 373(48a, 48b), 469  
 Foss, J.S. 180, 183, 184, 225, 228(63), 255  
 Foster, A. 825(127), 864  
 Foster, D.F. 498(36), 505, 907(104), 924  
 Fotsch, C.A. 536(108), 546  
 Fowler, R.B. 720(62), 732  
 Fox, C.M.J. 388, 391(96f), 470  
 Fox, D.J. 32(25), 62  
 Fox, M.A. 232(224), 259, 772(24), 774  
 Fox, N.A. 678(65), 681  
 Fraenkel, G. 747(56, 57), 751  
 Fraile, J.M. 911(133), 925  
 Franck, R.W. 17, 19, 20(117), 23  
 Francotte, E. 405(146), 472  
 Frank, H.A. 243(298), 261  
 Franke, L.A. 845(181), 865  
 Franken, T. 339(70), 355  
 Franklin, J.L. 549(19), 611  
 Fratev, F. 51(138), 64  
 Freed, K.F. 11, 12(60), 13(71), 22  
 Freeman, G.R. 335(25), 339(73), 341(86, 87), 354–356  
 Freidinger, R.M. 375(55), 469  
 Fremery, M.I. 920(200), 926  
 Frenking, G. 17, 19, 20(118), 23, 741(38, 39), 743(39), 750  
 Freyer, A.J. 313(110a), 324  
 Fridh, C. 179(26, 46), 180(26), 183(26, 126), 184, 223, 225(26), 255, 257  
 Friedli, H. 892(11), 922  
 Friedman, L. 522(63), 545  
 Friege, H. 718(59), 732, 967(103), 976  
 Friere, R. 87(57), 108  
 Friesen, R.W. 440, 444(246d, 246e), 477  
 Frimer, A.A. 915(154), 925  
 Fripiat, J.G. 15(84), 22  
 Frisch, M.J. 32(25), 62  
 Fritz, H. 252(309), 261  
 Fritzsche, J. 308(97a), 323  
 Fröborg, J. 405(141a, 141b), 472  
 Fröhlich, L. 915(160, 161), 925  
 Fröhlich, J.C. 782(20), 861  
 Fronczek, F.R. 53(151), 65  
 Fronda, A. 57(177), 65, 949(60, 61), 959(60, 61, 81), 975, 976  
 Frost, D.C. 179(29), 184(136), 185(159), 225(136), 255, 257, 258  
 Frostin-Rio, M. 639(78), 651  
 Fry, A.J. 768(15), 774  
 Frydman, B. 807(78), 863  
 Frydrych-Houge, C.S.V. 430(193b), 475  
 Fu, E.W. 184(149), 236(237, 252), 237(281), 249(252), 257, 260, 261  
 Fu, G.C. 542(122, 123a), 546  
 Fuchs, P.L. 393(103b), 394(108a, 108b), 423(173a), 471, 474, 906(97), 924  
 Fueno, T. 722(66), 732  
 Fugami, K. 633(64), 651  
 Fujiwara, K. 445(251), 478  
 Fujimoto, Y. 272(20), 320  
 Fujio, M. 872(21a, 22), 886  
 Fujisaka, Y. 236, 237(258), 260  
 Fujisawa, J. 338(57), 355  
 Fujita, S. 428, 429(190e), 475  
 Fujita, Y. 388(100), 471  
 Fujiwara, T. 388, 392(97b), 471  
 Fukazawa, Y. 445(251), 478  
 Fukui, K. 630(47), 651  
 Fukumoto, K. 276(28d), 320, 404(137a), 472, 517(42), 544  
 Fukunaga, T. 42(94), 63, 940, 942(23, 24), 975  
 Fukuyama, T. 5(38b), 21, 48(122), 51(132), 64, 158(47), 170  
 Fülscher, M.P. 247, 248(301), 261  
 Fung, B.M. 904(82), 924  
 Fung, V.A. 531(94), 545  
 Funhoff, D.J.H. 601(172), 616  
 Funk, R.L. 366, 367(28c), 399(124c), 468, 472, 517(43), 544

- Funke, C. 297(74), 322  
 Furber, M. 459(297, 298), 479  
 Furika, H. 561(63c), 613  
 Furr, H.C. 783(29), 862  
 Furukawa, H. 423(177), 474  
 Furukawa, Y. 5, 6(39), 21, 150(7), 158,  
     159(60), 161(60, 78), 162(60,  
     84, 93), 163(93), 164(84, 93), 165(93),  
     166(7, 60, 84, 93, 107, 119), 167(122),  
     168(60, 93, 107), 169(7), 169, 171, 172  
 Furuta, H. 561(63c), 613  
 Furuta, S. 892(8), 922  
 Fussgänger, V. 818(105), 863  
 Fututa, T. 799(52–55), 862  
 Fuzioka, A. 452(271), 478
- Gacs-Baitz, E. 566(71), 613  
 Gadwood, R.C. 415, 421(171c), 474  
 Gaes-Beitz, E. 593(143), 615  
 Gage, J.R. 440, 443(245b), 477  
 Gahagan, M. 498(36), 505, 907(104), 924  
 Gailliard, T. 918(176), 926  
 Gailynas, I.A. 907(105), 924  
 Gajewski, J.J. 851(202–204), 855(203, 225,  
     226), 857(225, 226, 229, 230), 866  
 Galasso, V. 11(53), 21, 965, 970(99), 976  
 Galbraith, R. 847(192), 848(193), 866  
 Galeeva, R.I. 921(205), 926  
 Gallagher, T. 399(124g), 472, 678(65), 681  
 Gallego, M.G. 278(37), 321  
 Galli, R. 624, 625, 631(17), 648(17, 94), 650,  
     652  
 Gallinella, E. 26(3), 38(60), 61, 63  
 Gamalevich, G.D. 598(162), 616  
 Games, D.E. 494(24), 505  
 Ganter, C. 181(93), 256, 298(77b), 322  
 Gaoni, Y. 398(119), 471  
 Gapski, G. 428(190b), 475  
 Garcia, J.G. 53(151), 65  
 García, J.I. 17, 19, 20(109, 129), 22, 23,  
     911(133), 925  
 Gardette, M. 449(267a), 478  
 Gardner, H.W. 918(175), 926  
 Garin, R.M. 14(73), 22  
 Garst, J.F. 639(77), 651  
 Gärtnert, W. 141(50e), 147, 150, 151(12), 170  
 Garwood, R.F. 643(81d), 651  
 Gasa, S. 282(47c), 321  
 Gaskell, S.J. 782(19), 804(74), 861, 863  
 Gati, A. 964(96), 976  
 Gatti, R. 668(49b), 680  
 Gatti, R.G.P. 672(54a, 54b, 56), 673(54a, 54b),  
     680, 681  
 Gaudemer, A. 639(78), 651  
 Gaudin, J.-M. 520(59), 545  
 Gaul, M.D. 582(107b), 591(132), 614, 615
- Gäumann, T. 180(74), 256  
 Gavin, R.M. 158, 161, 166(59), 171  
 Gavin, R.M.Jr. 156(39), 166(108), 170, 172  
 Gawrońska, K. 119, 124, 125(26), 126, 131,  
     134(35), 147  
 Gawroński, J. 136(44c), 147  
 Gawroński, J.K. 112(3), 119(26), 120(31), 124,  
     125(26), 126(35), 129, 130(38), 131(35),  
     134(35, 38), 146, 147  
 Gebicki, J. 337(40), 355  
 Gebicki, J.L. 337(40), 355  
 Gehrke, J.-S. 599(164), 616, 608(189), 617  
 Geib, S.J. 53(150), 65  
 Geise, H. 27, 28(7), 61  
 Geise, H.J. 37(58), 63  
 Gelbetie, M. 372(47b), 469  
 Gendron, L.J. 637(69), 651  
 Genet, J.P. 433(210b), 476  
 George, A.V. 558(44), 586(114), 612, 615  
 George, C. 565(70), 613  
 George, P. 4, 8, 9(25), 21, 35, 36(46c), 62,  
     158(61), 171  
 George, W.O. 161(77), 171  
 Gerdes, J.M. 582(107a), 614  
 Gerke, K. 594(145), 604(182), 605(184), 615,  
     616  
 Germain, G. 949(58), 975  
 Germroth, T.C. 871(16), 886  
 Gerrily, D.P. 11, 13(47), 21  
 Gerrity, D.P. 159, 160(66), 171  
 Gerson, F. 248(304), 261, 337(44), 355,  
     941(30), 975  
 Getahun, Z. 838(167–169), 839(167, 169),  
     865  
 Govirtz, A.H. 571(78), 613  
 Ghosal, S. 431(200), 476  
 Ghosez, L. 591(146), 615  
 Giacomelli, G. 117, 118, 135(13), 146  
 Gibson, D.H. 179, 180(28), 255  
 Gibson, D.T. 465(310a–c), 480  
 Gibson, K.H. 409(154f), 473  
 Gielen, M. 439(240b), 477  
 Giersch, W. 511(24b), 544  
 Giese, B. 620(1), 621(10), 625, 630(18b),  
     631(10, 18b), 650  
 Gil, S. 381(81a, 81b), 470  
 Gilardi, R. 565(70), 613  
 Gilbert, A. 308(101a), 323  
 Gilbert, R.P. 871, 872(13), 886  
 Gilde, H.-G. 631, 638(52), 651  
 Gilfillan, J.L. 827(144), 864  
 Gill, D. 31(20), 62, 166, 168(102), 171  
 Gill, P.M.W. 32(25), 62  
 Gillard, J.R. 903(79), 924  
 Gillen, K.T. 347(121, 122, 124), 356  
 Gilles, M.K. 735, 738, 739(8), 750  
 Gillis, D.J. 639(72, 73), 651

- Gilow, H.M. 305(89), 323  
 Gimarc, B.M. 174(1), 254  
 Ginsburg, D. 306(94), 323, 368(32), 468,  
 574(91), 614  
 Gioacchini, F. 631, 649(56), 651  
 Girard, Y. 410(155a), 473  
 Giraud, M. 368, 369(31b), 380(79, 80), 468,  
 470, 716(54), 732  
 Girreser, U. 576(94e), 614  
 Gisselbrecht, J.-P. 56(167), 65, 940, 945(26a),  
 971, 973(108), 975, 977  
 Gist, R.P. 514(35), 544  
 Givens, C.R.S. 401(132c), 472  
 Givens, R.S. 270(18), 320  
 Glantz, J. 347(117), 356  
 Glass, D.S. 510(11), 544  
 Gleiter, R. 26(5), 29(11), 40(85), 43(98b),  
 45(110), 61, 63, 64, 177(12), 180(12, 49),  
 51, 55, 56, 62, 65–69, 71), 181(51, 65, 67,  
 68, 80, 81, 83, 86, 89, 91–93, 95, 97–100),  
 182(56, 80, 103, 106, 108, 111), 183(49, 62,  
 86, 116, 120, 124, 127), 184(89, 91, 92, 95,  
 97, 106, 108, 116, 120, 140, 141, 143,  
 151–153), 185(56, 69, 92, 95, 98, 99,  
 160, 165), 213(194, 195), 216(202, 203),  
 221(202, 206), 225(49, 211), 254–259,  
 367(28b), 468  
 Glendening, E.D. 32(24), 62  
 Glennberg, J. 266(10a), 319  
 Gnonlonfoun, N. 525(71), 545  
 Goa, K.L. 812(93), 863  
 Gobbi, A. 741(38, 39), 743(39), 750  
 Goddard, R. 968(105), 977  
 Goebel, P. 84(45), 107  
 Goedken, V.L. 308(101c), 323  
 Goetz, H. 181(79), 256  
 Gogoll, A. 668(49b), 670(53), 680, 756(5), 774  
 Gogte, V.N. 276(30d), 320  
 Gold, E.H. 368(32), 468  
 Golden, D.M. 73(18), 89(62), 105, 108  
 Goldig, B. 276(31b), 320  
 Goldstein, M.J. 180(57, 58, 75), 181(58),  
 183(75), 255, 256, 571(78), 613  
 Golebiowski, A. 590(127), 592(142), 615  
 Golec, F.A.Jr. 526(76c), 545  
 Gollnick, K. 915(156), 925  
 Golub, M.A. 346(104), 356  
 Gómez-Pardo, D. 17, 19, 20(108), 22  
 Gomperts, R. 32(25), 62  
 Gondo, Y. 337(52), 338(55, 56, 58), 355  
 Gonikberg, E.M. 552(30), 592(141), 612, 615  
 González, J. 2, 14(4), 17(4, 102), 20(102), 20,  
 22  
 Goodman, M.M. 846(185), 865  
 Goodwin, T.W. 150(9), 169, 361(12c), 467  
 Gordon, A.S. 18(132c), 23  
 Gordon, B.E. 821(112), 864  
 Gordon, M.D. 940, 942(24), 975  
 Gordon, S. 328(11), 354  
 Gore, J. 376(62), 469  
 Gore, V.K. 398(118), 471  
 Gorman, A.A. 338(64), 355  
 Gornbatz, K. 895(33), 923  
 Gorzynski, J.D. 432(202a), 476  
 Gosney, I. 407(150e), 473  
 Gosselink, D.W. 749(73), 751  
 Goto, T. 409(154e), 473, 840(170), 865  
 Gotoh, K. 446, 451(257f), 478  
 Gould, I.R. 609(191), 617  
 Goulet, M.T. 501(47, 48), 505  
 Grabowski, J.J. 735(10), 750  
 Graf, W. 626(21), 650  
 Graham, R.L. 11, 12(60), 22  
 Grahn, W. 29(10), 61, 179(35), 183(130),  
 184(35, 146), 255, 257, 723(67), 732  
 Gramlich, V. 56(167), 65, 940, 945(26a), 975  
 Granberg, K.L. 662, 663(33d), 668(49b), 680  
 Granger, M. 749(69), 751  
 Granstrom, E. 804(73), 863  
 Grant, A.J. 15(82), 22  
 Granville, M.F. 157(40), 170  
 Graovac, A. 204(175), 258  
 Gras, J.L. 513(33), 544  
 Grassi, G. 5(38d), 21, 33(30), 46(118), 62, 64  
 Graul, S.T. 736(14), 750  
 Gray, R. 964(93), 976  
 Green, A.A. 5(40), 21, 158, 159(51), 170  
 Green, D.H. 346(103), 356  
 Greenberg, A. 72(17), 83(44), 97(75, 76),  
 103(104), 105, 107, 109, 110  
 Greenberg, I. 71(10), 104  
 Greenspan, F.P. 902(71), 923  
 Greenstock, C.L. 328(12), 353(152), 354, 357  
 Gregory, J. 184(142), 257  
 Greiner, A. 920(190), 926  
 Greiving, H. 423(176), 474  
 Grennberg, H. 667(46, 47), 680  
 Gretskaya, N.M. 818(103), 863  
 Grieco, A. 591(132), 615  
 Grieco, P.A. 375(57), 377, 378(69c),  
 404(137a), 469, 472, 514(36), 544,  
 582(107b), 614  
 Grieger, R.A. 556(39), 557(40), 558(47a), 612  
 Griesback, A.G. 911(131), 925  
 Griesbaum, E. 873(24b), 886  
 Griesbaum, K. 627, 631, 632, 634(34), 650,  
 920(193–198), 921(211, 213), 926  
 Griffin, G.W. 931(3, 4), 940(3), 945, 954,  
 955(36), 974, 975  
 Griffith, O.H. 185(167), 258  
 Griffith, S.S. 98, 99(85), 109  
 Griffith, W.C. 778(4), 861  
 Griffith, W.P. 895(29), 923  
 Griffiths, O. 308(101a), 323

- Grigg, R. 433(212b), 436(221), 476, 477, 540(118a–c), 546
- Grimson, A. 232(227a), 259
- Grimme, W. 180(69), 181, 184(89), 185(69), 256, 510(13), 544
- Grippo, J.F. 808(83), 863
- Grisgraber, G. 382, 383(83c), 470
- Grob, C.A. 920(201), 926
- Groh, B.L. 439–441 (236a), 477
- Gronert, S. 735(8), 736(13), 738, 739(8), 750
- Gronowitz, S. 942(35a), 975
- Groot, A.de 374(50, 51), 469
- Grosa, G. 823(121, 122), 864
- Grosjean, D. 207(176), 258, 922(219), 926
- Grosjean, E. 922(219), 926
- Gross, A.W. 631, 645(60), 651
- Gross, G. 185(161), 258
- Gross, H. 415(163c), 473
- Gross, K.P. 112, 113(5), 146
- Gross, M. 56(167), 65, 940, 945(26a), 971, 973(108), 975, 977
- Gross, M.L. 236(274), 260
- Grover, S. 838, 839(167, 169), 865
- Groves, D. 347(115), 356
- Groves, J.T. 899(54), 900(58, 59), 923
- Grubbs, R.H. 426(184b), 475, 542(122, 123a), 546
- Grubmüller, B. 877(31), 886
- Grund, C. 252(309), 261, 575(92a, 92b), 614
- Gründler, W. 744(47), 751
- Grunwald, E. 81(35b), 107
- Gryglewski, R.J. 793(46), 862
- Gryllaki, M. 802(64), 862
- Gschwind, R. 236(239), 237, 250(284), 260, 261
- Gschwind, R. 183, 184(121), 257
- Gu, Y.G. 424(183b), 475
- Guan, H.W. 34(39), 62
- Gubernator, K. 180(51, 67, 69), 181(51, 67, 89), 183(127), 184(89, 152), 185(69), 255–258
- Guce-Bigol, U. 361(14), 467
- Guest, M.F. 17(95), 22
- Gueugnot, S. 438, 439(234a), 477
- Guhlmann, A. 781(16), 825(128, 129), 826(129, 132), 861, 864
- Guibe-Jampel, E. 395(113c), 471
- Guido, D.M. 783(26), 862
- Guiffrida, D. 576(94c, 94e), 614
- Guingant, A. 17(108, 122), 19(108), 20(108, 122), 22, 23
- Gulevich, Y.V. 446, 451(257e), 478
- Gullberg, P. 827(140), 864
- Gunawardena, G.U. 289(62), 322
- Gunn, B.P. 513(32), 544
- Gunraj, P.E. 818(102), 863
- Günthard, H. 158, 161(56), 171
- Günther, H. 214(197), 259
- Günther, P. 44(103), 64
- Guo, C. 456(284a, 285), 479
- Guo, H. 4(23, 27), 5, 6(23), 7(27), 21, 35, 36(46f), 62, 158, 159, 161, 162(64), 171
- Guo, M. 457(292), 479
- Guo, Q.X. 337, 338(49, 50), 355
- Gupton, J.Y. 906(100), 924
- Gussoni, M. 150, 166(6), 169
- Gust, D. 243(299), 261, 337(51), 339(66), 355
- Guthrie, J.P. 268, 313(14e), 320
- Gutman, I. 204(175), 258
- Guziec, F.S.Jr. 395(112a), 471
- Gygax, R. 739(35), 750
- Haack, R.A. 440, 441(244a), 477
- Haag, W. 609(199), 617
- Habermas, K.L. 509(9b), 544
- Hadad, C.M. 11(61), 22
- Haddad, N. 264(3b), 319
- Haddon, R.C. 58(184), 65, 942(35a), 975
- Hadel, L.M. 609(191), 617
- Hadjiarapoglou, L. 905(89), 924
- Hafner, K. 179(33), 213(194, 195), 255, 259, 510(15a, 15b), 544, 570, 573(86), 614, 770(23), 774
- Hafner, W. 653(1a), 679
- Hagelee, L. 949(63), 975
- Hagen, K. 38(66, 70), 63
- Hagenbruch, B. 428, 429(190g), 475, 949, 961(64), 976
- Hagiwara, H. 365(23f), 468
- Hagmann, W. 781(16), 861
- Hahn, O. 4(35, 36), 5, 6(35), 8, 9(36), 21, 166(112), 172
- Haider, R. 29(11), 61, 180, 181(51), 183(120), 184(120, 152), 255, 257, 258
- Hakozaki, S. 759(11, 12), 774
- Halberstadt-Kausch, I.K. 877(32, 34a, 34b), 879(34a, 34b), 886
- Halevi, E.A. 802(59), 859(233), 862, 866
- Haley, G.J. 184(141), 257
- Haley, M.M. 51(133b), 64, 180(55), 255
- Hall, R.P. 518(48), 545
- Hall, S.S. 661(30), 680
- Hall, T. 34(39), 62
- Halow, I. 69(3), 104
- Halweg, K.M. 402(136), 472
- Hamada, K. 388, 392(97b), 471, 589(124), 615
- Hamada, T. 901(64), 923
- Hamada, Y. 424, 425(179e), 475
- Hamamoto, M. 688(21), 731
- Hamanaka, N. 282(47c), 321
- Hamblett, I. 338(64), 355
- Hambley, T.W. 918(180), 926
- Hamdouchi, C. 371(43), 468
- Hamel, E. 838(167–169), 839(167, 169), 865

- Hamill, W.H. 232(226), 259, 335(23), 354  
 Hamilton, T.P. 4(14), 21  
 Hammam, P.R. 834(158), 865  
 Hämmерling, U. 141(50b), 147  
 Hammett, L.P. 687(6–8), 731  
 Hammond, G.S. 296, 306(70), 308(98, 99a), 322, 323, 342(88), 356  
 Hammoud, A. 452(269a), 478  
 Hams, B. 586(115, 116), 615  
 Han, W.T. 827(142), 864  
 Hanack, M. 869(1), 870(7), 874(26), 877(33), 885(42), 886, 887  
 Handy, S.T. 514(36), 544  
 Hänel, R. 4, 7(32, 33), 21, 33, 34(27, 28), 35(43), 36(49), 62  
 Hanessain, S. 388, 390(96d), 470  
 Hanesian, S. 423(173c), 474, 523(67), 545, 627, 631, 633–635(39), 650  
 Hanna, J. 428(188), 475  
 Hansch, C. 729(74), 732  
 Hansen, A.E. 119, 124, 125(26), 147  
 Hansen, H.-J. 570, 573(88), 614  
 Hanson, R.N. 845(181), 865  
 Hanssen, J. 53, 54(152), 65  
 Hara, R. 141(50d), 147  
 Hara, S. 446, 448(257c), 449(268a–c), 478  
 Hara, T. 141(50d), 147  
 Harada, F. 5, 6(39), 21  
 Harada, I. 150(7), 158, 159, 161(60), 162(60, 84), 164(84), 166(7, 60, 84, 103, 107, 119), 167(122), 168(60, 107), 169(7, 126), 169, 171, 172  
 Harada, N. 112, 117, 123, 133(1d), 146  
 Harada, Y. 181(88), 256  
 Harata, Y. 388, 392(97b), 471  
 Harayana, T. 895(33), 923  
 Harding, J.R. 289(59b), 322  
 Harding, K.E. 526(75), 545  
 Harget, A.J. 197(170), 258  
 Hargittai, I. 27, 28(6), 61  
 Harkema, S. 404(138), 472  
 Harmony, M.D. 41, 42(91), 51(139), 52(139, 145), 53(145), 63–65  
 Harms, K. 433(215c), 476  
 Harris, R.K. 158(50), 170  
 Harris, T.M. 905(94), 924  
 Harrison, A.G. 735, 738, 739(8), 750  
 Harruff, L.G. 964(93), 976  
 Hart, E.J. 327(10), 328(10, 11), 354  
 Hart, H. 57(173), 65, 971(106), 977  
 Hartford, T.W. 366(29d), 468  
 Hartke-Karger, C. 293(68), 322  
 Hartman, R. 289(55c), 311(106d), 322, 323  
 Hartung, J. 897(44), 923  
 Hartzler, H.D. 947, 951(53), 975  
 Harvey, R.G. 465(308b), 480  
 Harvey, T.M. 494(26), 505  
 Harwood, L.M. 606(185a, 185b), 616, 617  
 Hasan, M. 4, 9, 10(37), 15, 16(88), 21, 22  
 Haßdenteufel, J.R. 874(26), 885(42), 886, 887  
 Hase, H.L. 242(294), 261  
 Hasegawa, T. 387(90), 464(305), 470, 480  
 Haselbach, E. 179(23), 181(87), 183(23), 121–123, 129, 132, 134), 184(23, 121, 145, 147), 211(188), 228(214), 236(239, 241, 251, 256, 270, 271), 237(275, 284, 286), 245(241), 248(270, 275, 304), 249(270, 275), 250(284), 255–261, 337(38), 355, 931(5, 6), 940(28), 941(6, 28, 29), 945, 961(37), 974, 975  
 Haseltine, R.P. 285(51), 321  
 Hashida, I. 338(53), 355  
 Hashiguchi, T. 588(123), 615  
 Hashimoto, H. 166, 168(100, 101), 171  
 Hashimoto, K. 837(162), 865  
 Hashimoto, M. 840(170), 865  
 Hashimoto, S. 582(108), 583(109), 588(121a, 121b), 610(198), 614, 615, 617  
 Hashimoto, T. 387(90), 470  
 Hashmall, J.A. 179, 180(45), 183(135), 252(45), 255, 257  
 Hashmi, S. 57(169), 65, 949(59), 975  
 Hashuri, S. 956(77), 976  
 Hasler, E. 185(164), 258  
 Hass, B. 43(97), 63  
 Hassan-Gonzales, D. 398(123), 472  
 Hasselmann, D. 48(122), 64, 98(83), 109, 180, 183(61), 236, 237(273), 255, 260  
 Hassenzueck, K. 182(113), 257  
 Hassner, A. 439(238a), 477  
 Hastings, J.B. 31(21), 62  
 Hatakeyama, H. 963(89), 976  
 Hatanaka, H. 840(170), 865  
 Hatanaka, Y. 438(231), 446(253), 453(274), 477–479  
 Hatsin, T. 555(38), 612  
 Hatsui, T. 588(123), 595, 596(151), (153), 615, 616  
 Haugen, W. 5, 8(38a), 21, 38(72), 63  
 Haumann, T. 26(4), 27(4, 9), 28(9), 33, 34, 38(4), 42(9, 96), 43(96), 46, 47(116), 61, 63, 64  
 Haumann, Th. 52, 53(147), 65  
 Haupt, H.-J. 33(35), 62  
 Hauptmann, H. 426(184c), 475  
 Hausser, K.W. 155(35, 36), 156(36), 170  
 Havelka, K.O. 155(37), 170  
 Havinga, E. 141(49), 147, 268(16a–c), 320  
 Hawkins, E.G.E. 902(75), 924  
 Hawley, R.C. 301(86), 323  
 Hayakawa, N. 350(136), 357  
 Hayama, N. 432(202c, 203), 476  
 Hayashi, F. 896(41), 923  
 Hayashi, H. 313(109b), 324

- Hayashi, J. 759(11), 774  
 Hayashi, N. 350(136), 357  
 Hayashi, O. 827(140, 141), 864  
 Hayes, J.M. 493(16), 504  
 Haynes, R.K. 918(178–180), 926  
 Haynes, U.J. 836(161), 865  
 Hays, J.D. 236, 249(245), 260  
 Hazato, A. 794, 795(48), 797(50), 862  
 Hazen, E.L. 500(45), 505  
 Hazra, B.G. 401(130), 472  
 He, J. 621, 631(10), 650  
 He, S.-L. 264(1c), 319  
 Head-Gordon, M. 32(25), 62  
 Healy, E.F. 630(48), 651  
 Heaney, H. 904(83), 924  
 Hearing, E.D. 70(9), 104  
 Heaslip, J.I. 831(149), 865  
 Heath, M.J. 377(68a), 469  
 Heathcock, C.H. 666(43), 680  
 Heck, R.F. 36(53), 53(150), 62, 65, 364(21),  
   433(21), 208a, 208c, 208f), 434(209d),  
   435(218a, 218b), 438(228), 468, 476, 477  
 Hecker, E. 454, 455(278b), 479  
 Heckman, M. 181(81), 256  
 Hedberg, K. 26, 27(2), 33(32), 38(70), 61–63  
 Hedberg, L. 33(32), 38(70), 62, 63  
 Hedhli, A. 368, 369(31d), 468  
 Heeg, M.J. 315(112a, 116b, 116c, 118), 324  
 Heeger, A.J. 31(21), 62, 158(44), 170,  
   361(17b), 467  
 Hegedus, L.S. 449(267b), 478  
 Hehre, W.H. 3(6), 20  
 Hehre, W.J. 51(136a), 64, 78(27), 99(90), 106,  
   110, 216, 220(200), 259, 738(22), 750  
 Heiba, E.I. 631, 632(53), 645(53, 87), 651, 652  
 Heidbreder, A. 306(92b), 323  
 Heilbronner, E. 46(111), 47(111, 119), 64,  
   174(2), 175(10, 11), 178(14), 179(2, 16,  
   17, 20, 33, 37, 39, 45, 47), 180(16, 17,  
   39, 45, 49, 50, 57, 58, 62, 63, 75), 181(58,  
   77, 81, 83, 85, 87, 91, 95, 96), 182(112),  
   183(16, 20, 47, 49, 50, 62, 63, 75, 77,  
   114, 115, 124, 125, 132, 135), 184(50, 63,  
   91, 95, 144, 155, 157, 158), 185(47, 95,  
   112, 163), 199(2), 203(2, 173), 208(20),  
   209(183), 210(96, 184), 211(17, 37, 50,  
   114, 115), 213(2, 14, 190, 193), 214(197),  
   215(199), 216(203), 220(173, 204), 221(10,  
   207), 223(77, 209), 225(49, 63), 228(63),  
   242(288), 248(20), 249(50), 252(45),  
   254–259, 261, 941(30), 975  
 Heim, N. 266(10a), 319  
 Heimbach, P. 183(118), 257  
 Heinemann, C. 587(118b), 615  
 Heinemann, H. 931(8, 9), 940, 941(9), 974  
 Heiner, T. 605(184), 616  
 Heinrich, B. 947(49), 975  
 Heisenberg, W. 152(20), 170  
 Heiszwolf, G.J. 750(74), 751  
 Heitzmann, M. 964, 967(92), 976  
 Helden, R. van 430(194a), 475  
 Heldeweg, R.F. 610(201), 617, 895(35), 923  
 Heldt, W. 281(40b), 321  
 Hellman, S. 98(82), 109  
 Helman, W.P. 328(12), 353(152), 354, 357  
 Helquist, P. 416(164b), 423(174, 175),  
   434(209c), 473, 474, 476  
 Helquist, P.M. 432(202a), 476  
 Hemelrijk, D. van 37(58), 63  
 Hemley, R.J. 160(68), 162, 169(90), 171  
 Hemmersbach, P. 179(42), 255  
 Hemming, K. 459, 462(300d), 479  
 Hemsworth, R.S. 735(7), 750  
 Henderson, R.F. 778(4), 861  
 Hendrix, J.A. 440(248), 478  
 Henniges, H. 436(224b), 477  
 Henrick, C.A. 453(275c), 479  
 Henry, P.M. 653(2), 657(13a), 679, 913(146),  
   925  
 Henscher, J.L. 56–58, 61(164), 65  
 Henshilwood, J.A. 315(112a, 116a), 324  
 Hensky, M. 465(310b), 480  
 Hepp, B.P. 739(30), 750  
 Heravi, M.H. 436(222), 477  
 Herber, J. 184(139), 257  
 Herbert, M. 459(298, 300a), 461(300a), 479  
 Hercules, D.M. 818(104), 863  
 Herges, R. 17, 18(131), 23  
 Herndon, W.C. 51(136c), 64  
 Herrmann, W.A. 902(73), 924  
 Herscovici, J. 379(75), 470  
 Hertel, R. 306(92a), 323  
 Hertz, W.A. 812(91), 863  
 Hertzberg, S. 494(23), 505  
 Herve du Penhoat, C. 375(59), 395(109), 469,  
   471  
 Herz, W. 892(13), 922  
 Hess, B.A.Jr. 51(137a), 64, 602(175), 616  
 Hesse, D.G. 70(6), 104  
 Hesse, K. 949, 961(64), 976  
 Hesse, P. 350(130), 357  
 Hester, R.E. 151(16), 170  
 Hettrick, C.M. 439(237), 477  
 Heuberger, C. 626(21), 650  
 Heumann, A. 541(119), 546, 653(3a, 3b, 4, 5),  
   657(15–20), 658(3a, 3b, 4, 16, 22–25),  
   659(22), 660(25), 679, 680, 919(187), 926  
 Heusinger, H. 348(125–128), 349(127–129),  
   350(130), 357  
 Heyde, H.B. van der 339(75), 355  
 Heyde, M.E. 31(20), 62, 166, 168(102), 171  
 Heylin, M. 778(3), 861  
 Heys, J.R. 802(61), 831(150), 832(150, 152,  
   153), 862, 865

- Hichcliffe, A.J. 233(231), 260  
Higashimura, T. 353(148–151), 357  
Higgins, G.M.C. 347(112), 356  
Higuchi, H. 379(74b), 469  
Hildebrand, H. 896(38), 923  
Hill, F.D. 831(148), 864  
Hill, R.D. 213(191), 259  
Hill, R.K. 276(29b, 29c), 320, 372(46), 468  
Hillers, S. 610(202), 617  
Hillier, I.H. 17(95), 22  
Hiltunen, J. 821(111), 864  
Himmel, C.M. 818(104), 863  
Hinchliffe, A. 3(8), 20  
Hiner, R.N. 388, 391(96f), 470  
Hino, R. 388, 392(97b), 471  
Hipskind, P.A. 450(262, 263), 478  
Hirabayashi, T. 179(34), 255  
Hiraga, Y. 788(35), 818(107), 862, 863  
Hirai, N. 822(117, 118), 864  
Hirai, T. 313(109b), 324  
Hirama, M. 445(251), 478, 895(33), 923  
Hiraoka, T. 289(60a), 322  
Hirata, S. 166(99, 121), 168, 169(99), 171, 172  
Hirata, T. 788(35, 36), 862  
Hirata, Y. 166, 168(100), 171, 433(215d), 476  
Hirayama, T. 799(54), 862  
Hird, S.J. 483, 484(6), 485(10), 493(6), 504  
Hiroaka, K. 99(92), 110  
Hirota, E. 27, 28(8), 51(130), 61, 64  
Hirota, K. 440(248), 478  
Hirota, M. 123(32), 147  
Hirota, N. 799(53), 862  
Hirsch, A. 575(103), 614  
Hirshfeld, F.L. 40(88), 63  
Hite, G.A. 509(9b), 544  
Hixon, S.C. 871(9, 11, 12), 872(12), 886  
Hiyama, T. 446(253), 453(274), 478, 479  
Hiyama, Y. 438(231), 477  
Ho, R.Y.N. 899(55), 923  
Hobbs, P.D. 808(84), 863  
Hochberg, R.B. 843, 844(178), 865  
Hochstettler, A.R. 530(90), 545  
Hochstrate, D. 548(14), 599(163), 606(186), 608(188), 611, 616, 617  
Hodges, J.C. 428, 429(190c), 475  
Hodges, P.J. 388, 390(96d), 470  
Hodgetts, K.J. 508(5), 544  
Hoff, C.D. 639(74), 651  
Hoffman, H.M.R. 915(158), 925  
Hoffman, R. 395(111), 471  
Hoffman, W.F. 827(144), 864  
Hoffmann, C. 438, 439(234c), 477  
Hoffmann, H.M.R. 415(167a), 474, 518(45a), 544, 877(30), 886  
Hoffmann, R. 174(4, 5), 199(172), 208(179), 216(200, 201, 203), 220(200), 221(201), 254, 258, 259, 268, 274(17a, 17b), 320, 507(3a, 3b), 508(3b), 544  
Hoffmann, R.W. 46(112), 64, 183(131), 184(137, 156), 223(131), 257, 258  
Hogeweegen, H. 610(201), 617, 895(35), 923  
Hogg, J.A. 896(40), 923  
Hoitink, G.J. 228, 232(215), 242(289), 259, 261  
Hola, O. 352(144–147), 353(147), 357  
Holder, A.J. 225(212), 259  
Holman, R.T. 778(8), 861  
Holmes, J.L. 99(91), 110, 627(24, 26), 650, 721(64), 732, 733(2), 750  
Holroyd, R.A. 335(21, 22, 24), 354  
Holt, D.A. 455(282c), 479, 831(149), 865  
Holtom, G.R. 157(40), 170  
Holzer, S. 784(34), 862  
Hommes, N.J.R.v.E. 744(44), 751  
Hon, M.-Y. 278(34b), 321  
Honda, T. 404(137b), 472  
Honegger, E. 179(37), 181(96), 203(173), 209(183), 210(96, 184), 211(37), 214(197), 220(173), 255, 256, 258, 259  
Honet, R. 369, 370(39a), 468  
Hong, F.-T. 282(44b), 321  
Hong, R.-K. 368(35), 468  
Hong, Y. 860(238), 867  
Hongo, H. 589(125), 615  
Honig, B. 141(50a), 147  
Hoogendorp, J.H. 119(16a), 146  
Hoogenstraaten, W. 708(48), 731  
Hoogsteen, K. 450(264a), 478  
Hook, W.A.van 802(66, 68, 69), 862, 863  
Hoover, D.J. 385(88), 470  
Hopf, H. 4, 7(32, 33), 21, 33, 34(27, 28), 35(43), 36(49), 54(160, 162), 58, 60(182), 62, 65, 75(21), 106, 180(51, 60), 181(51, 99), 183(116, 124, 127), 184(116), 185(99), 255–257, 369, 370(39a), 423(176), 468, 474, 568(73), 570(82), 584, 585(112), 590(126), 602(180), 613–616, 928, 930(1), 945(1, 39), 954(39), 955(39, 76), 956(78), 958(39), 959, 961(1), 966(100), 967(102), 968(100), 974(1), 974–976  
Hopff, H. 250(307), 261, 964(94–96), 966(94, 95), 976  
Höpfner, Th. 966(100), 967(101), 968(100, 101), 976  
Hopkins, R.B. 662, 663(33d), 667(46), 680  
Hopkinson, A.C. 739(33), 750  
Hopp, M. 454, 455(278b), 479  
Hoppe, I. 597(173), 616  
Hoppe, W. 49(124), 64  
Hori, Y. 347(123), 356  
Horiguchi, A. 368, 369(31a), 468  
Hörmann, A. 185(164), 258

- Horn, C. 75(21), *106*  
 Horn, D.E.van 452(269d, 269e), *478*  
 Horner, L. 415(167a), *474*  
 Horner, M. 946(43, 44), 961(43), *975*  
 Horner, M.G. 308(101d), 323, 466(311b), *480*  
 Horning, E.C. 500(43), *505*  
 Hornung, V. 179(45), 180(45, 75), 181(83, 87, 91), 183(75, 124, 135), 184(91), 252(45), 255–257  
 Horspool, W.G. 278(37), *321*  
 Horspool, W.M. 264(1b), *319*  
 Hortmann, A.G. 119(17), *146*, 272(19a, 19b), 273(22), *320*  
 Hosaka, K. 528(86), *545*  
 Hoshi, K. 793(47), 813(96), *862*, *863*  
 Hoshi, T. 179(33), *255*  
 Hoshino, T. 802, 803(71), *863*  
 Hosmane, R.S. 94(70), *109*  
 Hosoi, S. 567(72), *613*  
 Hosomi, A. 452(272), 478, 673(57a), *681*  
 Hosotani, Y. 963(89), *976*  
 Hossain, M. 169(125), *172*  
 Hossenlopp, I.A. 81(42a, 42b), *107*  
 Hosterman, E.F. 627, 636(31), *650*  
 Hou, W. 906(99), *924*  
 Houee-Levin, C. 338(62), *355*  
 Houk, K.N. 2(3, 4), 14(4), 17(3, 4, 96, 100–102, 104, 120, 121), 18(96, 101, 104), 19(120, 121), 20(101, 102, 104, 120, 121), 20, 22, 23, 43(98c), 63, 181(84), 182(104), 184(138), 225(213), 256, 257, 259, 558(46), 597(159), 612, 616, 621, 631(10), 650, 850, 851(201), 852, 853(207), 854(207, 210), 855(220), *866*  
 Houk, N.K. 563(64b), *613*  
 Houlihan, W.J. 378(70a), *469*  
 Houpis, I.N. 440, 441(244c), *477*  
 House, H.O. 378(70b), *469*, 810(88), *863*, 903(76), 904(87), *924*  
 Hoveyda, A.H. 298, 299(81b), 300(83), 301, 305(87), 322, *323*  
 Howard, A.E. 41, 42(91), *63*  
 Howard, J.A. 917(169), *925*  
 Hoye, R.C. 382, 383(83d), *470*  
 Hoye, T.R. 298(79), 322, 910(122), *924*  
 Hoyte, R.M. 843, 844(178), *865*  
 Hrmjez, B.J. 466(311b), *480*  
 Hrovat, D.A. 597(160), *616*  
 Hsi, R.S.P. 842(175), *865*  
 Hsu, G.J.-H. 439(238b), *477*  
 Hua, R.L. 822(116), *864*  
 Huang, B.-S. 313(108b), *324*  
 Huang, L. 846(186), *865*  
 Huang, X.L. 17, 19, 20(123), *23*  
 Huang, Y. 412(159a, 159b, 160), 413(160), *473*  
 Huang, Y.C. 851(204), *866*  
 Huang, Y.Z. 412(161a, 161b, 162a, 162b), 413(161a, 162a), 414(162a, 162b), *473*  
 Hubbard, C.D. 548(4), *611*  
 Hubbard, W.C. 780(10), *861*  
 Huber, H. 510(14), *544*  
 Huber, M. 781(16), 825(128), 826(132), *861*, 864  
 Huber, R. 49(124), *64*  
 Huber-Patz, U. 44(103), 57(175), *64*, *65*, 947(51), *975*  
 Huber-Wälchli, P. 158(56), 161(56, 70), *171*  
 Hübsch, T. 590(129a, 129b, 129d, 130), 605(183), *615*, *616*  
 Hückel, E. 203(174), *258*  
 Huckerby, T.N. 623, 624(15), *650*  
 Hudec, J. 276(30d), *320*  
 Hudlicky, T. 264(2a), 278(34a, 34b, 34d), *319*, 321, 465(310d), 480, 892(14), *922*  
 Hudson, B. 153(23, 24), *170*  
 Hudson, B.E.Jr. 627, 631, 632, 634(34), *650*  
 Hudson, B.S. 11(44, 47, 48), 13(47, 48), 14(44), 21, 150, 151(1), 153(27), 154, 156(1), 159(27, 66, 67), 160(1, 27, 66), 169–171, 482(1), *504*  
 Huelin, F.E. 791(39), *862*  
 Huff, J.W. 827(144), *864*  
 Huffman, W.A. 961(85), *976*  
 Hug, W. 117(14), 120(14, 27, 29), *146*, *147*  
 Hughes, A.L. 892(9), *922*  
 Hughes, D.R. 783(30), *862*  
 Hughes, H. 782(19), *861*  
 Huh, K.-T. 456(286), *479*  
 Huisgen, R. 43(98a), 63, 510(14), *544*, 549(23), 594(148), 609(23), *612*, *615*, 849(199), 859(234), *866*, *867*  
 Hu Kung, W.-J. 971(106), *977*  
 Hul, K. 898(50), *923*  
 Hull, K. 378(73), *469*, 533(101, 103), *546*  
 Hulshof, L.A. 289(60b), *322*  
 Hummel, G.J.van 404(138), *472*  
 Humski, K. 860(237), *867*  
 Hüning, S. 428, 429(190g), *475*, 555(37), 587(119, 120), *612*, *615*, 946(43, 44), 949(64), 961(43, 64), *975*, *976*  
 Hunkler, D. 252(309), *261*  
 Hunt, D.F. 494(26), *505*  
 Hunter, E.P. 99(93), *110*  
 Huntsman, W.D. 518(47–49), *544*, *545*  
 Huo, P. 315(112b), *324*  
 Hurst, G.J.B. 4(12), 15(79), 21, 22, 166(109), *172*  
 Hurst, J.R. 772(24), *774*  
 Hurz, H. 315(113a), *324*  
 Huselton, C. 808(83), *863*  
 Hutt, J. 371(41), *468*  
 Huttel, R. 430(194b), *475*  
 Hutter, W. 52, 53(149), *65*

- Hutton, T.W. 276(27a), 320  
 Hyman, A.S. 70(4, 5), 104  
 Hyuga, S. 449(268a-c), 478
- Ibata, T. 587(117), 615  
 Ibis, C. 885(43), 887  
 Ichikawa, T. 344(95-97), 356  
 Ichimura, H. 120(28), 147  
 Ideses, R. 407(150b), 473  
 Iglesias, B. 446, 451(257h), 478  
 Iglesias, M. 911(132), 925  
 Ignatchenko, A.V. 179, 180(40), 255  
 Iguchi, K. 528(84-86), 545  
 Ihle, N.C. 666(43), 680  
 Iida, H. 610(198), 617  
 Ikan, R. 498, 501(50), 505  
 Ikawa, M. 503(52), 505  
 Ikawa, T. 919(185), 926  
 Ikeda, A. 754(2), 759(11, 12), 773, 774  
 Ikeda, N. 427(186), 475  
 Ikeda, S. 166(103), 169(124), 172  
 Ikeda, Y. 287(52b), 308(101b), 321, 323, 427(186), 475  
 Ikegami, S. 793(45), 834(156, 159), 862, 865  
 Ikemi, Y. 582(108), 583(109), 614  
 Ilia, H. 463(302, 303a, 303b, 304), 480  
 Iles, J. 860(238), 867  
 Imagawa, T. 299(82a), 322  
 Imamura, A. 166, 169(118), 172, 216, 220(200), 259  
 Imhoff, E.A. 169(127), 172  
 Inagaki, F. 153(26), 170  
 Inagaki, I. 166(113), 172  
 Inage, M. 465(309c), 480  
 Ingham, S. 402, 403(134e), 472  
 Ingold, C.F. 894(20), 922  
 Ingold, K.U. 620, 621(6), 625, 626(18a), 627(6), 650, 784(32), 862, 917(169), 925  
 Inokuchi, H. 181(88), 256  
 Inoue, H. 913(141), 925  
 Inoue, K. 919(184), 926  
 Inoue, S. 910(127), 925  
 Inoue, T. 949(62), 975  
 Ipaktschi, J. 47(119), 64, 181(85), 184(139), 256, 257, 407(156a), 473  
 Ireland, R.E. 855(222, 223), 866  
 Ireton, R. 18(132c), 23  
 Irie, R. 901(64), 923  
 Irngartinger, H. 37(55-57), 44(101-104), 48(101), 57(175), 62-65, 181, 182(80), 184(153), 256, 258, 947(51), 975  
 Irvine, M. 338(64), 355  
 Irwin, R.S. 631(50), 651  
 Isaacs, L. 58(180), 65  
 Isaacs, N.S. 548(1, 15), 558(44), 576(94c), 586(114), 588(122), 591(137), 594(147), 604(181), 606(185a, 185b), 609(193, 195), 610(200), 611, 612, 614-617  
 Isaksson, R. 131, 132, 134(40), 147  
 Iseki, Y. 910(127), 925  
 Ishag, K.E.A. 788(38), 862  
 Ishibashi, T. 161(78), 171  
 Ishibe, N. 289(56), 322  
 Ishida, A. 338(53), 355, 428(190b), 475  
 Ishida, T. 180(64), 255  
 Ishifune, M. 768(17), 770(21), 772(25), 774  
 Ishihara, Y. 592(138), 615  
 Ishii, Y. 913(140, 141), 925  
 Ishiyama, T. 447(259), 478  
 Ishmuratov, G.Y. 920(204), 926  
 Iskakov, L.I. 350(137), 357  
 Islam, I. 894(24), 923  
 Isler, O. 361(12b), 454(277), 467, 479  
 Isobe, M. 409(154e), 473  
 Isobe, R. 581(104b, 105, 106), 614  
 Isogami, Y. 587(117), 615  
 Isringhausen-Bley, S. 33(35), 62  
 Itakura, J. 498(35), 505, 912(137), 925  
 Ito, H. 498(35), 505, 912(137), 925  
 Ito, M. 141(50c, 50d), 147, 388, 392(97b), 418(165a), 433(215d), 471, 474, 476  
 Ito, S. 919(184), 926  
 Ito, T. 818(107), 863  
 Ito, Y. 377(64, 65), 469, 514(39), 544  
 Itoh, K. 335(21, 22, 24), 354, 583(111), 614  
 Itoh, M. 361(14), 467  
 Itoh, T. 907(109, 110), 924  
 Ives, D.A. 896(37), 923  
 Ives, J.L. 914(148), 925  
 Iwabuchi, Y. 910(126), 925  
 Iwasaki, S. 415, 422(171f), 474  
 Iwata, S. 179(15), 237(282), 254, 261  
 Iyer, P.S. 881(37), 887  
 Iyoda, M. 57(171, 174), 58(179), 61(171, 179), 65, 931(10), 935(11), 942(31), 945(31, 42), 947(54), 949(42, 54, 65-67), 950(66), 951(42, 54, 65-67), 952(65, 66), 953(66, 72, 73), 961(11, 73), 963(67), 965(65, 66), 967(67), 974-976  
 Izumi, S. 788(35), 862  
 Izumi, Y. 180(64), 255, 350(134), 357
- Jabri, N. 449(267a), 478  
 Jackson, C.B. 428, 429(190d), 475  
 Jackson, R.W. 896(40), 923  
 Jackson, T.W. 388, 391(96f), 470  
 Jackson, W. 394, 396(106a), 471  
 Jacobs, H.J.C. 141(49), 147, 268(16c), 320  
 Jacobs, T.L. 871, 873(10), 886  
 Jacobsen, E.N. 900(62, 63), 923  
 Jacobsen, G.G. 40(84), 63  
 Jacobsson, J. 592(142), 615  
 Jacques, B. 529(87b, 88), 545

- Jaffé, H.H. 113, 114(6b), 146, 242(292), 261  
 Jahn, R. 44, 48(101), 57(175), 64, 65, 947(51), 975  
 Jähne, G. 181, 182(80), 256  
 Jallageas, J.C. 788(37), 862  
 Janas, J.J. 873(24a), 886  
 Janco, G. 802(68), 863  
 Jankowski, B. 347(107), 356  
 Jansen, B.J.M. 374(50), 469  
 Jansen, P. 599(165), 616  
 Jansen, P.L.M. 825(128), 864  
 Janssen, J. 53(155, 156), 54(156), 65, 237(286), 261, 428, 429(190h), 475  
 Janzen, E.G. 326(5), 354  
 Jarosz, S. 304(88a-c), 323, 592(142), 615  
 Jarstfer, M.B. 268, 313(13), 320  
 Jarvie, J.O. 120(28), 147  
 Jarvis, B.B. 817(100, 101), 834(100), 863  
 Jasper, J.P. 493(16), 504  
 Jeannin, Y. 376(61), 469  
 Jedju, T.M. 243, 246(300), 261  
 Jeffares, M. 971(106), 977  
 Jeffery, T. 433(210c, 214a, 214b), 476  
 Jeffrey, G.A. 38(63), 49(125), 63, 64  
 Jeger, O. 532(99), 546  
 Jemmis, E.D. 747(61), 751  
 Jendralla, H. 45(110), 64  
 Jendrella, H. 181, 185(98), 256  
 Jenecki, T. 418(165c), 474  
 Jenkins, A.D. 627(23), 650  
 Jenkins, H.J. 801, 802(57), 862  
 Jenkins, R.G. 840(172), 865  
 Jenner, G. 548(9), 552(28, 29), 553(32, 33), 554(35, 36), 557(42), 558(43), 564(9), 568, 571(76, 77), 591(136), 596(157), 610(197), 611-613, 615-617  
 Jennings, W.G. 791(40), 862  
 Jens, K.-J. 653, 658(4), 679, 919(187), 926  
 Jensen, M.S. 407(157a, 157b), 473  
 Jensen, N.H. 338(61, 62), 355  
 Jeong, K.-S. 897(44), 923  
 Jerauld, J.F. 892(9), 922  
 Jerina, D.M. 465(310c), 480  
 Jeyaraman, R. 905(88), 924  
 Jiao, H. 17, 18(131), 23  
 Jie, C. 2, 17(5), 20  
 Jinaraj, V.K. 846(186, 187), 865  
 Jing, N. 366, 367(28e), 468  
 Jira, R. 653(1a), 679  
 Itsukawa, K. 907(109, 110), 924  
 Joffe, Z. 817(99), 863  
 Johns, A. 627(42), 651  
 Johnson, A.W. 807(79), 863  
 Johnson, B.G. 32(25), 62  
 Johnson, C.R. 663, 668(34c), 680  
 Johnson, D.C. 942(33), 975  
 Johnson, D.W. 510(17), 544  
 Johnson, I.S. 843, 844(178), 865  
 Johnson, J.L. 248(305), 261  
 Johnson, L.F. 892(8), 922  
 Johnson, M.V. 485(8), 504  
 Johnson, P.C. 282(46), 321  
 Johnson, R.A. 910(120), 924  
 Johnson, R.P. 80(34), 106, 947(57), 975  
 Johnson, S. 428, 429(190c), 475  
 Johnson, S.B. 778(8), 861  
 Johnson, S.M. 40(87), 63  
 Johnson, W.S. 525(70), 529(87a-c, 88), 530(89), 531(93, 94), 532(70, 97a, 97b), 545, 546  
 Johnston, J.D. 627, 631, 636(30), 650  
 Jonasson, C. 678(63), 681  
 Jonczyk, A. 394(105c), 471  
 Jones, A.N. 801, 802(57), 862  
 Jones, G. 298(78), 322, 606(185a), 616  
 Jones, G.II 297, 298(73a), 305(89), 322, 323  
 Jones, J.R. 818(102), 822(115), 863, 864  
 Jones, M.Jr. 562(60), 613  
 Jones, P.E. 423(176), 474  
 Jones, P.G. 33, 34(27, 28), 62, 369, 370(39a), 440, 442(244e), 468, 477, 570(82), 584, 585(112), 614  
 Jones, P.J. 590(126), 615  
 Jones, T.B. 180(60), 183, 211(115), 213(193), 237(280), 255, 257, 259, 261  
 Jones, T.K. 455(282a), 479, 509(9a, 9b), 544  
 Jones, W.H. 570(83), 614  
 Jong, T.T. 378(72c), 469  
 Jordan, K.D. 334(20), 354  
 Jørgensen, F.S. 182(109), 257  
 Jorgensen, K.A. 496(29), 505, 891(1), 900(60), 922, 923  
 Jorgensen, M.J. 288, 293(54b), 322  
 Jorgensen, W.L. 17(100, 103, 124-126), 18(103), 19(103, 124), 20(103, 124-126), 22, 23, 43(98c), 63, 185(159), 258, 591(134), 615  
 Jork, H. 788(38), 862  
 Joshi, P.V. 309(103a), 323  
 Jouanne, J.von 549(23), 594(148), 609(23), 612, 615  
 Joy, D.R. 877(30), 886  
 Juds, H. 181(79), 256  
 Jug, K. 51(136d), 64  
 Julg, A. 119(19b), 147  
 Julia, M. 375(56a, 59), 376(60, 61), 388(95a, 95c), 394(105a, 105e, 106c), 395(109), 396(106c), 469-471, 643(81b), 651  
 Julien de Zélicourt, Y.de 102(97), 110  
 Jumeau, D. 166(116), 172  
 Junek, H. 920(199), 926  
 Jung, B.C. 906(98), 924  
 Jung, F. 610(201), 617

- Jung, I.C. 920(195, 197), 926  
 Jung, M.E. 402(136), 439(242a), 472, 477  
 Jungen, M. 236, 245(242), 260  
 Jungheim, L.N. 428, 429(190c), 475  
 Junjappa, H. 463(302, 303a, 303b, 304), 480  
 Junker, H.N. 921(209), 926  
 Juntunen, S.K. 393(103a), 471  
 Jurczak, J. 583(110), 590(127, 128), 592(142), 614, 615  
 Juwiler, D. 913(142), 925
- Kabalka, G.W. 846(185–188), 865  
 Kabarva, J. 438, 439(234c), 477  
 Kabota, T. 688(21), 731  
 Kachinski, J.L.C. 466(313b), 480  
 Kaczynski, J.A. 749(73), 751  
 Kadlec, S.B. 892(10), 922  
 Kaegi, H. 809(85), 863  
 Kaestner, S. 781(16), 861  
 Kaftory, M. 947(48), 975  
 Kaga, H. 446, 451(257f), 478  
 Kagabu, S. 181, 184(82), 256, 562(61), 613  
 Kagan, H.B. 912(139), 925  
 Kagel, J.R. 851(202, 204), 866  
 Kageyama, M. 511(26), 544  
 Kahn, B.E. 428(187e), 475  
 Kai, Y. 57(171, 174, 176), 58(179), 61(171, 179), 65, 308(101h), 323, 947(54), 949, 951(54, 67), 953(70, 72, 73), 961(70, 73), 963(67, 88), 965(98), 967(67), 975, 976  
 Kaila, N. 17, 19, 20(117), 23  
 Kaiser, R. 527(79), 545  
 Kaito, M. 368(33b), 468  
 Kajimoto, C. 181(78), 256  
 Kajimoto, O. 722(66), 732  
 Kajita, T. 58(183), 65, 940–942(27), 965(98), 975, 976  
 Kajiwara, A. 623(13, 14), 631(14), 632(13, 14), 650  
 Kakehi, A. 610(198), 617  
 Kaldy, S. 657(20), 680  
 Kalinowski, H.-O. 184(139), 257  
 Kallfaß, D. 44, 48(101), 64  
 Kallio, R.E. 465(310a), 480  
 Kamachi, M. 623(13, 14), 631(14), 632(13, 14), 650  
 Kametani, T. 276(28d), 320, 399(124b, 124e), 404(137a, 137b), 472, 517(42), 544  
 Kamimoto, F. 797(50), 862  
 Kamo, H. 936, 941(12), 974  
 Kan, K. 308(101h), 323  
 Kan, R.O. 308(100a), 323  
 Kanaoka, Y. 308(101b), 323  
 Kaneda, K. 907(109, 110), 924  
 Kaneda, T. 949(62), 975  
 Kanehisa, N. 57, 61(171), 65, 947(54), 949, 951(54, 67), 963, 967(67), 975, 976  
 Kaneko, C. 567(72), 613  
 Kanemoto, S. 431(198a), 476  
 Kanetaka, S. 765(14), 774  
 Kang, G.J. 838(168), 865  
 Kang, M.-C. 645(88), 652  
 Kang, S.H. 904(86), 924  
 Kang, S.K. 368(35), 468  
 Kann, N. 416(164b), 423(175), 434(209c), 473, 474, 476  
 Kanno, S. 527(80), 545  
 Kano, K. 963(89), 976  
 Kanska, M. 826(139), 864  
 Kaplan, L. 840(172), 865  
 Kaplan, M.L. 942(35a), 975  
 Kapp, D.L. 919(181), 926  
 Kappas, A. 847(192), 848(193), 866  
 Karabunarliev, S. 974(110), 977  
 Karafiat, E. 276(30c), 320  
 Karcher, M. 182(111), 257  
 Karcher, T. 17, 20(127), 23, 558(48), 612  
 Karle, I.L. 33(34), 62  
 Karlsson, L. 175(8), 254  
 Karna, S.P. 15(81, 83), 16(81), 22  
 Karpf, M. 405(144c), 472  
 Karpfen, A. 4, 5(21, 24), 8(21), 9(21, 24), 10(24), 11, 13(54, 55), 21, 158(62), 161(74), 162(62), 166(62, 111), 171, 172  
 Karpf, A. 4(16), 21  
 Karplus, M. 4(23, 27), 5, 6(23), 7(27), 21, 35, 36(46f), 62, 158, 159, 161(64), 162(64, 90), 169(90), 171  
 Karpov, V.I. 350(132), 357  
 Kasai, N. 57(171, 174, 176), 58(179, 183), 61(171, 179), 65, 308(101h), 323, 947(54), 949, 951(54, 67), 953(70, 72, 73), 961(70, 73), 963(67, 88), 965(98), 967(67), 975, 976  
 Kasatikin, A.N. 397(116c), 471  
 Kashimura, S. 758(10), 764(13), 765(14), 768(17), 770(21), 772(25, 26), 774  
 Kaspi, J. 872(22), 886  
 Kass, S.R. 740(37), 750  
 Kassaee, M.Z. 822(119), 864  
 Kasuya, Y. 799(53–55), 862  
 Katagiri, N. 567(72), 613  
 Kataoka, H. 375(58), 469  
 Kataoka, M. 569(74), 613  
 Katchian, H. 892(9, 10), 922  
 Kato, M. 287(53), 322  
 Kato, N. 428(190a), 475, 581(104b, 106), 614  
 Kato, T. 232(228, 230), 236, 248(249), 259, 260, 308(99b), 323, 428, 429(190f), 475, 527(80), 545  
 Kato, Y. 813(95), 863  
 Katoh, T. 799(54), 862  
 Katritzky, A.R. 457(291), 479  
 Katsuki, H. 569(74), 613

- Katsuki, T. 900(61), 901(64), 909(116), 923, 924  
 Katsumata, S. 179(15), 254  
 Katsumura, Y. 350(136), 357  
 Katsuta, Y. 141(50c, 50d), 147, 418(165a), 474  
 Kattija-Ari, M. 41, 42(91), 63  
 Katz, L. 721(65), 732  
 Katz, S. 42(95), 63  
 Katz, T.J. 40(82), 63  
 Katzenellbogen, J.A. 296(71), 322  
 Katzer, H. 348, 349(127), 357  
 Kaufman, M.J. 745(49), 751  
 Kaufmann, D. 562(58), 613  
 Kaufmann, F.-P. 881(39), 887  
 Kaufmann, R. 348, 349(128), 357  
 Kaupp, G. 276(28c), 320  
 Kavana-Saebo, K. 161(79), 171  
 Kawada, M. 388(98a, 101, 102), 471  
 Kawade, J.-i. 423(177), 474  
 Kawakami, Y. 299(82a), 322, 350(133, 134), 357  
 Kawanisi, M. 299(82a), 322  
 Kawasaki, M. 407(158), 473  
 Kawase, Y. 840(171), 865  
 Kawczynski, A.L. 583(110), 614  
 Kazmaier, U. 456(284b), 479  
 Kazmer, S. 808(83), 863  
 Kearney, F.R. 116, 117, 132, 133(10), 146  
 Kebarle, P. 99(92), 110  
 Keck, G.E. 420(166a), 474  
 Keelan, B.W. 236(253), 260  
 Keese, R. 276(31b), 320  
 Kehrmann, F. 702(30), 731  
 Keijzers, J. 586(115, 116), 615  
 Keil, E.B. 289(57c, 57e), 322  
 Keinan, E. 898(47, 48), 923  
 Keitels, I. 415(163c), 473  
 Keith, T.A. 32(25), 62  
 Kellas, A.M. 702(31), 731  
 Keller, J.H. 855(218), 866  
 Keller, K. 404(137d), 472  
 Keller-Schierlein, W. 801(56), 862  
 Kelley, S.E. 415(167b), 474  
 Kellner, D. 408(154c), 473  
 Kellogg, R.M. 395(114b), 471, 627, 631, 632, 634, 635(33), 650  
 Kelly, R.C. 895, 896(30), 923  
 Kelly, S.E. 424(1781), 475  
 Kelm, H. 548(7), 549(23), 594(148), 609(23), 611, 612, 615  
 Kelsall, B.J. 236(250, 255, 263), 237(263, 276, 277, 285), 248(250, 285), 249(250, 263, 285), 260, 261  
 Kemi, A.v.K. 374(52a), 469  
 Kemp, N.R. 181(90), 256  
 Kende, A.S. 313(109e, 109g), 324, 428, 429(190c), 432(202b), 475, 476  
 Kennard, L. 401(131a), 472  
 Kennard, O. 415(168c), 474  
 Kennedy, R.M. 420(166b), 474  
 Kenny, T.E. 164(96), 171  
 Kent, J.E. 52, 53(144), 65  
 Keppler, D. 781(16), 825(128, 129), 826(129, 132), 861, 864  
 Kertesz, M. 4(17), 21, 166(120), 172  
 Kespel, K. 237, 250(283), 261  
 Kessel, C.R. 582(107a), 614  
 Keszthelyi, T. 248(303), 261  
 Keto, N. 581(104a, 105), 614  
 Keumi, T. 758(8), 774  
 Khabibov, A.M. 397(116c), 471  
 Khan, J.A. 917(170), 925  
 Khanapure, S.B. 411(155e), 473  
 Khanna, S.K. 352(141), 357  
 Kharasch, M. 89(60), 108  
 Kharasch, M.S. 622(12), 627, 631(40), 640(80), 641(81a), 650, 651  
 Kharicheva, E.M. 931(7), 974  
 Khenkin, A.M. 496, 497(28), 505  
 Khidekel, M.L. 352(142), 357  
 Khodabocus, A. 408(154c), 473  
 Kibayashi, C. 408(154a), 473  
 Kiehl, A. 34(42), 62, 440, 443(245c), 477  
 Kielbasinski, K. 372(46), 468  
 Kiess, H. 150(4), 169  
 Kihlberg, T. 826(133, 134), 864  
 Kikukawa, K. 660(27), 680  
 Kim, B.M. 897(45), 923  
 Kim, J. 382, 383(83c), 470  
 Kim, J.H. 514(38b), 544  
 Kim, K. 285(51), 321  
 Kim, Ki-H. 686(5), 730  
 Kim, K.S. 4(35, 36), 5, 6(35), 8, 9(36), 21, 166(112), 172  
 Kim, T.-S. 446, 451(257i), 478  
 Kim, W.J. 904(86), 924  
 Kim, Y.H. 906(98), 924  
 Kimura, K. 179(15), 254  
 Kindler, K. 705(40), 731  
 King, A.O. 438(230), 452(269e), 477, 478  
 King, G.S.D. 40(87), 63  
 King, P.W. 268(12b), 320  
 King, R.F. 365(23g), 468  
 Kingston, D.G.I. 822(117–119), 864  
 Kingzett, P.C. 185(167), 258  
 Kini, A. 428(190b), 475  
 Kinnel, R.B. 531(93), 545  
 Kino, T. 840(170), 865  
 Kinter, C.M. 406(149), 472  
 Kinugasa, H. 768(17), 774  
 Kinumi, T. 141(50d), 147  
 Kiplinger, J. 280(39), 321  
 Kirby, R.E. 181(90), 256  
 Kirby, S.P. 70(9), 104

- Kirin, V.N. 74, 81(20), 105  
 Kirincich, S.J. 289(57d), 322  
 Kirmse, W. 402, 403(134d), 472  
 Kirtman, B. 4, 9, 10(37), 15, 16(88), 21, 22  
 Kishigami, S. 466(315), 480  
 Kiso, Y. 452(271), 478  
 Kispert, L.D. 338(59, 60), 355  
 Kissler, B. 181(93), 256  
 Kistakowsky, G.B. 81, 88(38), 107  
 Kita, H. 769(18), 774  
 Kita, Y. 408(154c), 473  
 Kitagaki, S. 408(154c), 473  
 Kitahara, T. 368, 369(31a), 468, 565(79), 613  
 Kitahara, Y. 527(80), 545  
 Kitamura, M. 409(154e), 473  
 Kitamura, S. 860(240), 867  
 Kitamura, T. 299(82a), 322, 870(8), 871(18), 873(23), 886  
 Kiyota, H. 368, 369(31a), 468  
 Kjonaas, R. 819(108), 863  
 Klahre, G. 415(167a), 474  
 Klapstein, D. 231(222), 234(234), 259, 260  
 Klar, S. 369, 370(39b), 468  
 Klärner, F.-G. 46, 47(116), 64, 85(46), 90(64), 107, 108, 337(48), 355, 548(13, 14), 555(37), 558(45), 559(51, 52), 560(54), 561, 563(13, 52), 568(73), 570(84, 86), 571(90), 573(86), 574(91), 575(92b), 576(93), 584, 585(112), 587(118b, 119, 120), 599(163, 164), 602(174, 180), 603(190), 606(186), 607(187), 608(188, 189), 609(194), 611–617  
 Klein, G. 181(94, 100), 256  
 Klein, H.-F. 33(35), 62  
 Klein, J. 44(103, 104), 64  
 Klein, R. 236(272), 260  
 Kleiner, G. 408(154c), 473  
 Klemm, U. 183, 184(121), 236(239), 237, 250(284), 257, 260, 261  
 Klessinger, M. 179(42, 44), 180, 181(48, 54), 183(48), 255  
 Klima, W.L. 452(269d), 478  
 Kling, J.K. 439(237), 477  
 Kloosterziel, H. 750(74), 751  
 Kloster-Jensen, E. 179, 180(17), 183(114), 211(17, 114), 254, 257, 947(45), 975  
 Klug, G. 949, 961(64), 976  
 Kluge, G. 242(292), 261  
 Klunder, J.H. 627, 635(36b), 650  
 Klunk, D.G. 43(97), 63  
 Knapp, F.F. 846(185), 865  
 Knapp, F.F.Jr. 846(188), 865  
 Knauer, K.H. 213(194), 259  
 Knight, K.S. 539(115, 116), 546  
 Knittel, P. 717(57), 732  
 Knobler, C. 805(76), 863  
 Knobler, C.B. 971, 973(108), 977  
 Knoblich, J. 724(72), 732  
 Knol, J. 593(144), 615  
 Knoll, K. 155, 157, 158(34), 166–168(97), 170, 171, 236–238, 245, 249(246), 260  
 Knox, L.H. 97(77), 109  
 Knuchel, G. 46(118), 64  
 Kobal, V.M. 465(310c), 480  
 Kobayashi, J. 308(96), 323  
 Kobayashi, K. 408(154c), 473  
 Kobayashi, M. 213(195), 259  
 Kobayashi, S. 415, 422(171f), 474, 827(146), 864, 870(8), 871(18), 872(21a, 21b, 22), 883(40, 41), 886, 887  
 Kobayashi, T. 181(78), 236(262), 256, 260, 313(109b), 324  
 Kobayashi, Y. 376(63), 446, 448(257d), 469, 478  
 Kobayashi, Z. 180, 181(58), 255  
 Köbrich, G. 931(8, 9), 940(9), 941(9, 30), 974, 975  
 Koch, A. 52, 53(149), 65  
 Koch, D. 631, 643(54a), 651  
 Koch, D.J. 293(68, 69), 322  
 Koch, J.R. 465(310a), 480  
 Koch, T.H. 402, 403(134b), 472  
 Koch, W. 454, 455(278b), 479  
 Kochi, J. 647(91, 92), 652  
 Kochi, J.K. 620, 621, 627(6), 650, 913(144), 925  
 Kocienski, P.J. 388(95b, 96c), 390(96c), 470  
 Kodadek, T. 899(56), 923  
 Kodama, M. 580(101a, 101b), 614  
 Kodama, S. 452(271), 478  
 Kodama, Y. 123(32), 147  
 Koehl, W.J. 645(87), 652  
 Koehler, K.F. 17, 19, 20(118), 23  
 Koenig, T. 184(148, 150), 185(162), 250(148, 150), 257, 258  
 Kofraneck, M. 4, 5(21, 24), 8(21), 9(21, 24), 10(24), 21  
 Kofraneck, M. 166(111), 172  
 Kogan, G.A. 158(58), 171  
 Kogan, M. 807(77), 863  
 Kogo, T. 799(54), 862  
 Kogteva, G.S. 818(103), 863  
 Kohl, D. 33, 52(26), 62  
 Kohl, D.A. 5(38c), 21  
 Kohl, W. 494(22), 505  
 Kohler, B.E. 4(18), 8(18, 42), 11(44, 46), 13(46, 67, 68), 14(44, 67), 21, 22, 34(40), 62, 150, 151, 154, 156(1, 2), 157(2, 40, 42), 160(1), 169(125), 169, 170, 172, 482(1), 504  
 Kohlland, C.F. 430(194a), 475  
 Kohn, D.W. 213(192), 259  
 Kohnke, F.H. 576(94a–c, 94e), 614  
 Kojer, H. 653(1a), 679

- Kolleck, M. 527(78), 545  
 Komatsu, K. 936(12), 938(19), 941(12), 942,  
 943(35b), 974, 975  
 Komin, J.B. 921(214), 926  
 Kondaiah, P. 406(147), 472  
 Kondo, S. 27, 28(8), 61, 379(74b), 469  
 Kong, Y.-C. 378(72a, 72b), 469  
 König, W. 510(16), 544  
 Konishi, Y. 623, 632(13), 650  
 Kon-no, M. 365(23f), 468  
 Konoike, T. 565(69), 613  
 Koopmans, T. 199(171), 258  
 Koppang, M.D. 538(111), 546  
 Köppel, H. 211(189), 258  
 Korber, H. 921(208), 926  
 Kormany, G. 967(102), 976  
 Korswagen, C.de 180, 181(65), 255  
 Korth, H.-G. 337(48), 355, 379(76d), 470,  
 627(29), 650  
 Kortsch, U. 339(73), 355  
 Kosakai, K. 834(157), 865  
 Kosbahn, W. 719(61), 723(69), 732  
 Koschinsky, R. 877, 879(35), 886  
 Koshy, K.M. 717(57), 732  
 Kosminder, B.J. 313(110a, 110b), 324  
 Kosower, E.M. 739(27), 750  
 Kosyani, J. 276(28e), 320  
 Koster, S.K. 947, 949(50), 975  
 Kotian, P.L. 282(47a, 47b), 321  
 Kotova, N.F. 350(137), 357  
 Kovac, B. 182, 185(112), 257  
 Kowa, L.N. 561(63a), 613  
 Kowalczyk, B.A. 601(172), 616  
 Koyama, I. 883(41), 887  
 Koyama, K. 376(63), 469  
 Koyama, Y. 150, 151(13), 166, 168(100, 101),  
 169(13), 170, 171, 243(298), 261  
 Kozhushkov, S.I. 26(5), 27, 28, 42(9), 52(141),  
 61, 65, 180(52), 255  
 Kozhushkov, S.L. 177, 180(12), 254  
 Kozikowski, A.P. 366(29a), 468, 565(69), 613,  
 907(111), 924  
 Kozina, M.P. 74, 81(20), 105  
 Kozlov, V.T. 350(135), 357  
 Kozluk, T. 299(82b), 304(88d), 322, 323,  
 583(110), 614  
 Kozono, Y. 860(240), 867  
 Kozub, G.I. 352(142), 357  
 Krafft, G.A. 374(52e), 469  
 Kraft, P. 555(37), 587(119, 120), 612, 615  
 Krailler, R.E. 236(243), 260  
 Kraka, E. 31(19), 51(137c), 61, 64  
 Kramers, H.A. 152(20), 170  
 Krantz, A. 313(108b), 324  
 Krasnoshchiokov, S.V. 4, 8, 9(25), 21, 161(81),  
 162, 164(91), 171  
 Kratz, D. 45(110), 64, 181, 185(98), 256  
 Kratzseisen, C.L. 808(83), 863  
 Kratzer, J. 430(194b), 475  
 Krause, A. 40(85), 63  
 Krause, D.A. 207(176), 258  
 Krauss, K. 826(132), 864  
 Krawczyk, B. 559, 561, 563(52), 613  
 Krayushkin, M.M. 609(192a), 617  
 Krebs, A. 213(193), 259  
 Krebs, F. 949, 959(61), 975  
 Krehm, H. 892(2), 922  
 Kreiter, C.G. 315(113a-c), 324  
 Krennrich, G. 180(56), 181(92), 182(56),  
 184(92), 185(56, 92), 255, 256  
 Kresze, G. 718(60), 719(61), 732  
 Kreuchen, K.H. 155(35), 170  
 Kreuger, A.C. 315, 317(119), 324  
 Kreysig, D. 87(57), 108  
 Krieger, J.K. 432(205), 476  
 Krikor, H. 352(143), 357  
 Krishnamurthy, V.V. 881(37), 887  
 Krishnamurti, R. 881(38), 887  
 Krishna Rao, G.S. 464(306), 480  
 Kritchevsky, J. 627, 631(40), 651  
 Kroh, J. 347(107), 356  
 Krom, J.A. 734(4), 750  
 Kroner, J. 723(69), 732  
 Kronja, O. 860(237), 867  
 Kroon, J. 52(143), 65  
 Kropp, P.J. 281(41c), 282(45), 321  
 Krow, G.R. 895(34), 923  
 Krueger, A.C. 315(112a), 324  
 Krüger, C. 37(57), 38(73), 63  
 Kruse, C.G. 586(115, 116), 615  
 Krusic, P.J. 940, 942(24), 975  
 Krymowski, J. 964(93), 976  
 Kryshtal, G.V. 717, 722(55), 732  
 Kubek, E. 590(128), 615  
 Kubo, T. 583(111), 614  
 Kubodera, H. 232(228), 259  
 Kubomura, K. 586(113), 614  
 Kubota, T. 287(52b), 297(76a, 76b), 321, 322,  
 896(41), 923  
 Kubozono, Y. 337(52), 338(55, 56, 58), 355  
 Kucherov, V.F. 361(2), 467, 717, 722(55), 732  
 Kuchitsu, K. 5(38b), 21, 46(117), 48(121),  
 122, 51(132), 64, 158(47), 170  
 Kuchta, G. 590(130), 605(184), 615, 616  
 K.-ud-Din 770(20), 774  
 Kudo, M. 910(127), 925  
 Kuebler, N.A. 211(186), 258  
 Kuehn, E. 293(68), 322  
 Kuhn, R. 155(35, 36), 156(36), 170  
 Kuivila, H.G. 627, 631, 632, 634, 635(38), 650  
 Kuki, M. 166, 168(101), 171  
 Kukla, M.J. 225(211), 259  
 Kukuoda, K. 916(164), 925  
 Kulesha, I. 415, 421(171d), 474

- Kulkarni, Y.S. 268(11), 319  
 Kumada, M. 452(271), 478  
 Kumar, R. 513(31), 544  
 Kumlin, M. 804(73), 863  
 Kundig, E.P. 465(309a-d), 480  
 Kunz, R. 419(165d), 474  
 Künzer, H. 182, 184(106), 256  
 Kupczyk-Subotkowska, L. 848(196), 854(196, 212, 214), 855(212, 224, 227), 866  
 Kuppermann, A. 11(63), 22  
 Kurata, H. 368, 369(31a), 468, 935(11), 942, 945(31), 961(11), 974, 975  
 Kurbatov, B.L. 175(6), 254  
 Kurita, M. 287(52a), 321  
 Kuroda, A. 840(170), 865  
 Kuroda, S. 428, 429(190e), 475  
 Kurozumi, K. 797(50), 862  
 Kurozumi, S. 794, 795(48), 797(49, 51), 798(51), 813(95), 862, 863  
 Kurz, H. 315(113b), 324  
 Kusabayashi, S. 921(207), 926  
 Kusano, K. 799(55), 862  
 Kutchan, T.M. 278(34d), 321  
 Kutter, E. 729(74), 732  
 Kuwata, K. 623, 632(13), 650  
 Kuwatani, Y. 945(42), 949, 951(42, 67), 963, 967(67), 975, 976  
 Kuzmany, H. 150(5), 166(5, 105, 114), 169, 172  
 Kuzminski, A.S. 346, 347(105), 356  
 Kuznetsova, T.S. 26(5), 61, 177(12), 180(12, 52), 254, 255  
 Kveseth, K. 5(38c), 21, 33, 52(26), 62  
 Kwart, L.D. 892(14), 922  
 Kwong, H.-L. 897(44), 923  
 Kwong, J. 289(57a), 322  
 Kyler, K. 910(123), 925  
 Kyler, K.S. 431(200), 476
- Laarhoeven, W.H. 268(15c), 276(28b), 320  
 Laber, G. 39(79), 63  
 Labinger, J.A. 387(91), 470  
 Ladika, M. 947(48), 975  
 Ladon, L.H. 70(4, 5), 104  
 Lafferty, J. 237, 238, 245(287), 261  
 Laffitte, M. 99(88), 110  
 Lagercrantz, C. 326(6), 354  
 Lahav, M. 947(47), 975  
 Lai, T.-F. 378(72b), 469  
 Lai, Y.-H. 428(187d), 475  
 Laila, A. 609(195), 617  
 Lalancette, R.A. 315(112b), 324  
 Lalonde, M. 424(178g), 475  
 Lambert, S.J. 846(187), 865  
 Lancaster, J.E. 313(109e), 324  
 Land, E.J. 237, 238, 245(287), 261, 337(51), 339(66), 355  
 Landa, L. 831(148), 864  
 Landau, M. 812(91), 863  
 Landesberg, J.M. 721(65), 732  
 Lane, J.L. 777(2), 861  
 Lang, D. 718(59), 732, 967(103), 976  
 Lang, P.C. 518(49), 545  
 Langbeheim, M. 466(313c), 480  
 Lange, T. 56(167), 65, 940, 945(26a), 975  
 Langer, K. 306(92b), 323  
 Langhoff, S.R. 3(10), 21  
 Langkilde, F.W. 31(12, 14), 61, 162(86, 88, 89), 163(86, 89), 164(86, 88, 89), 165(86), 171, 338(61), 355  
 Langström, B. 826(133, 134), 827(140), 864  
 Lan-Harget, H.Y. 831(149), 865  
 Lanyiova, Z. 183(121, 122), 184(121), 236(239, 256), 257, 260, 337(38), 355, 940, 941(28), 975  
 Lanzillo, S. 141(48), 147  
 Lardicci, L. 117, 118, 135(13), 146  
 Larock, R.C. 361(7), 368(30), 430(195a, 195b, 196), 431(197), 467, 468, 475, 476, 660(29), 680  
 Larson, E.R. 405(139), 472  
 Larson, G.L. 424(178h), 475  
 Laseter, J.L. 931(4), 974  
 Lasne, M.-C. 405(144b), 472, 945(40), 975  
 Lasne, M.-L. 636(66), 651  
 Lassila, K.R. 937(16), 974  
 Lathburg, D. 678(65), 681  
 Lathbury, D.C. 629(45), 651  
 Latini, D. 637(68), 651  
 Lau, K.-L. 402(133b), 472  
 Lauchlan, L. 158(44), 170  
 Laude, L.D. 185(168), 258  
 Lauer, G. 242(294), 261  
 Laufer, H. 812(91), 863  
 Launay, M. 376(60), 469  
 Laureni, J. 313(108b), 324  
 Laurie, V.W. 51(134), 64  
 Laurito, J. 250(306), 261  
 Lauron, H. 376(61), 469  
 Lautens, M. 368(33a), 450(261f), 468, 478  
 Lave, D. 375(56a), 469  
 Lavilla, R. 457(292), 479  
 Lawley, K.P. 3(7), 20  
 Lawrence, R.V. 914(152), 925  
 Lawrynowicz, W. 609(191), 617  
 Laws, G.F. 276(27a), 320  
 Lay, Y.S. 663, 668(34b), 680  
 Lazurkina, T.Y. 813(97, 98), 863  
 Leaffer, M.A. 454, 455(278c), 479  
 Leahy, J.W. 440, 443(245a), 477  
 Learn, K.S. 394(108b), 471  
 Learned, A.E. 57(170), 65, 947(52), 975  
 Leazer, J.L.Jr. 440, 443(245a), 477

- LeBars, D. 825(131), 864  
 Lebedev, B. 72(16), 105  
 Lebedev, V.P. 869(3), 886  
 Leblanc, Y. 410(155a), 473  
 Leborgne, F. 830, 831(147), 864  
 Le Clerc, G. 918(177), 926  
 Lecouve, J.-P. 382, 384(83g), 470  
 Ledwith, A. 228(217), 259  
 Lee, C.H. 119(24), 147  
 Lee, C.-J. 378(72c), 469  
 Lee, D.C. 512(29), 544  
 Lee, H.S. 583(109), 614  
 Lee, J.Y. 4(35, 36), 5, 6(35), 8, 9(36), 21,  
     166(112), 172  
 Lee, K.-H. 378(72c), 469  
 Lee, K.-S. 282(44b), 321  
 Lee, M.S. 4, 8, 9(36), 21, 166(112), 172  
 Lee, N.H. 900(62, 63), 923  
 Lee, R.E. 737, 740(15), 750  
 Lee, S.-J. 397(115), 471  
 Lee, S.J. 4(35, 36), 5, 6(35), 8, 9(36), 21,  
     166(112), 172  
 Lee, T.J. 4(13), 21, 35, 36(46b), 62, 161(75),  
     171  
 Leening, S.A. 606(185a, 185b), 616, 617  
 Lefrant, S. 166(106, 116), 169(128), 172  
 LeGallic, Y. 382, 418(86), 470  
 Léger, R. 523(67), 545  
 LeGoffic, F. 666(44), 680  
 Lehman, L.S. 917(171), 925  
 Lehmann, C.W. 38(63), 63  
 Lehmkuhl, H. 520(54), 545  
 Lehn, J.-M. 361(17a), 467, 737(19), 750  
 Lehtonen, E.-M.M. 894(19), 922  
 Leigh, W.J. 179(36), 255  
 Leight, R.S. 180(57, 58), 181(58), 255  
 Leighton, J.L. 440, 443(245b), 477  
 Leiserowitz, L. 947(47), 975  
 Lellouche, J.P. 782(18), 830, 831(147), 861,  
     864  
 Lemal, D.M. 181(87), 256, 366, 367(28e),  
     395(113a), 401(128), 468, 471, 472  
 Lematre, J. 141(52a), 147  
 Le Merrer, Y. 412, 414(162c), 473, 782(23),  
     861  
 Lemmon, R.M. 821(112), 864  
 Lenich, F.T. 183, 184(116), 257  
 Lennartz, H.-W. 36(50), 62, 70(8, 9), 76,  
     77(23), 78(26), 98(23), 104, 106  
 Lennartz, H.W. 85(46), 90(64), 102(100), 107,  
     108, 110  
 LeNoble, W.J. 947(55, 56), 975  
 Lenoir, D. 870(4), 886  
 LePage, T.J. 742–744(42), 751  
 Lera, A.R.de 446, 451(257g, 257h), 478  
 LeRocque, M. 832(154), 865  
 Leroi, G.E. 153(28), 157(41), 170  
 Lespieau, R. 896(42), 923  
 Lester, C.T. 717(58), 732  
 Le Thuillier, G. 643(81b), 651  
 Letts, L.G. 825(127), 864  
 Leutens, M. 450(261a), 478  
 Leutwyler, S. 231(222), 259  
 Levi, B.A. 738(22), 750  
 Levin, A.A. 808(83), 863  
 Levin, C. 208(179), 258  
 Levin, M.L. 343(92), 356  
 Levin, R.D. 99(91), 110, 178(13), 254,  
     721(64), 732, 733(2), 750  
 Levin, R.H. 562(60), 613  
 Levy, I.J. 8(42), 21, 34(40), 62  
 Levy, M.A. 831(149), 865  
 Lew, G. 455(281), 479  
 Lewis, D.E. 855(217), 866  
 Lewis, I.C. 688(15), 731  
 Lex, J. 185(165), 258  
 Lexa, D. 337(51), 355  
 Ley, S.V. 388, 389(96a), 423(172b), 470, 474  
 L'Hermine, G. 627, 634, 635(36a), 639, 641,  
     643(71), 650, 651  
 Li, C.-S. 366(29a), 468  
 Li, J. 388, 391(96e), 412, 414(162b), 470, 473  
 Li, J.-S. 424, 425(179a), 475  
 Li, S. 153(24), 170  
 Li, T.-T. 565(66, 68), 613  
 Li, Y. 2(3, 4), 14(4), 17(3, 4, 96), 18(96), 20,  
     22, 558(46), 563(64b), 597(159), 612, 613,  
     616, 854(210), 866  
 Li, Y.H. 818(104), 863  
 Li, Z. 412(159b), 473, 596(156), 616, 904(82),  
     924  
 Li, Z.-H. 579(98), 580(100), 614  
 Liaaen-Jensen, S. 138(46a), 147, 494(23), 501,  
     504(49), 505  
 Lian-Jensen, S. 504(53), 505  
 Liang, S. 45(110), 64, 181, 185(98), 256  
 Liao, C.-C. 183, 184(128), 257, 282(44b), 321  
 Lias, S.G. 99(91), 110, 178(13), 254, 721(64),  
     732, 733(2), 750  
 Libman, J. 308(101f), 323  
 Lichtmann, L.S. 166(104), 169(127), 172  
 Liddel, P.A. 339(66), 355  
 Liddell, P.A. 337(51), 355  
 Liebeskind, L.S. 432(202b), 476  
 Liebman, A.A. 783, 805, 809(27), 821(114),  
     834(27), 862, 864  
 Liebman, J. 39(74), 63  
 Liebman, J.F. 69(1, 2), 70(4–6), 72(17),  
     73(18), 76, 78(24), 83(44), 86(55, 56),  
     88(56), 89(63), 90(64), 91(68), 93(2), 94(70),  
     73), 95(74), 97(79), 98(24), 99(87, 91),  
     102(98, 102), 103(104), 104–110, 721(64),  
     732, 733(2), 750

- Lien, M.H. 739(33), 750  
Liescheski, P.P. 162(92), 171  
Light, L.A. 439(242a), 477  
Lightner, D.A. 119, 124, 125(26), 130, 134(39), 39, 147, 805(75, 76), 806(75), 863  
Ligon, R.C. 892(13), 922  
Lim, D. 17(103, 125, 126), 18, 19(103), 20(103, 125, 126), 22, 23  
Lin, C.-H. 309, 311(103b), 323  
Lin, C.-T. 34(39), 62, 368, 369(31e), 468  
Lin, F. 905(92), 924  
Lin, J.-F. 581(104a, 104b, 105, 106), 614  
Lin, Y.T. 850, 851(201), 866  
Lincoln, F.H. 896(40), 923  
Linden, J. 847(191), 866  
Lindgren, J.A. 783(24), 862  
Lindh, R. 4, 8(30), 11(49), 12, 13(30, 49), 14(30), 21  
Lindholm, E. 179(26, 46), 180(26), 183(26, 126), 184, 223, 225(26), 255, 257  
Lindlar, H. 453(276a), 479  
Lindner, H.-J. 29(11), 61, 38, 39(69), 63, 183, 184(120), 257  
Lindsey, R.V. 631, 641(49), 651  
Lineberger, W.C. 735, 738, 739(8), 750  
Link, S. 527(77), 545  
Linker, T. 915(160, 161), 925  
Linn, W.J. 566, 570(80), 613  
Linstrumelle, G. 438(229, 232, 233, 234a), 439(233, 234a), 452(269a), 454(280), 455(283a, 283b), 477–479  
Lio, K. 408(154c), 473  
Liou, M.-J. 378(72c), 469  
Lipka, H. 4, 7(32), 21, 36(49), 62  
Lipkin, D. 228(216), 259  
Lippincott, E.R. 162(83), 164(96), 171  
Lipshutz, B. 416(164a), 473  
Lipton, M.S. 180(57, 58), 181(58), 255  
Lischka, H. 4, 5(21, 24), 8(21), 9(21, 24), 10(24), 11, 13(54, 55), 21, 158(62), 161(74), 162(62), 166(62, 111), 171, 172  
Lishka, H. 4(16), 21  
Lissel, M. 920(189), 926  
Lister, D.G. 53, 54(159), 65  
Lister, S.G. 388, 389(96a), 470  
Litterst, E. 181(97), 182(106), 184(97, 106), 256  
Little, D.A. 155(31), 170  
Little, J.C. 562(55), 613  
Liu, B. 4(13), 21, 35, 36(46b), 62, 161(75), 171  
Liu, C. 424(183a, 183b), 475  
Liu, K. 283(48a), 321  
Liu, P.-K. 155(37), 170  
Liu, R. 4(29, 31), 5(31), 8, 9(29, 31), 10(31), 21, 465(309d), 480  
Liu, R.S.H. 361(12d), 382(87), 418(165b), 428(190b), 467, 470, 474, 475  
Livingstone, D. 686(3), 730  
Ljunggren, S.O. 653(1b), 679  
Lloyd, L.L. 702(32), 731  
Lloyd, R.V. 337(47), 355  
Lo, S.L. 860(238), 867  
Lockyer, G.D.Jr. 549(22c), 612  
Lodder, G. 870(6), 886  
Loganathan, V. 433(212b), 476  
Logemann, W. 896(38), 923  
Loggins, S.A. 86, 88(56), 108  
Lohr, W. 931(5), 974  
Loliger, P. 276(31b), 320  
Loncharich, R.J. 17(100), 22  
Long, W.E. 289(59b), 322  
Longuet-Higgins, H.C. 178, 213(14), 254  
Loosen, K. 98(83), 109, 180, 183(61), 236, 237(273), 255, 260  
López, J.A. 963, 974(90a), 976  
Lopez, S. 446, 451(257g, 257h), 478  
Lorber, M.E. 377, 378(69a), 469  
Loveland, J.W. 768(16), 774  
Lovey, A. 808(83), 863  
Low, J. 305(89), 323  
Lowenstein, E. 831(148), 864  
Lowry, T.H. 739(29), 750  
Lu, W. 663, 668(34b), 680  
Lu, X. 456(284a, 284c, 285), 479  
Lu, Y. 660(29), 680  
Lucarini, M. 627, 635(36b), 650  
Ludwig, P.K. 326(7), 354  
Luger, P. 38(63), 49(125), 63, 64  
Lugtenburg, J. 150, 169(11), 170  
Luh, T.-Y. 466(314), 480  
Luke, G.M. 827(143), 864  
Luke, G.P. 431(200), 476  
Luk'yanova, V.A. 74, 81(20), 105  
Lunn, W.H. 530(89), 545  
Luo, F.-T. 449(265), 478  
Luo, Y.-R. 627(24, 26), 650  
Lupin, M.S. 677(61a), 681  
Lurito, J.T. 236(263, 264), 237(263, 264, 285), 248(264, 285), 249(263, 264, 285), 260, 261  
Lusztyk, J. 268, 313(14b), 320, 625, 626(18a), 650  
Luthe, H. 621, 622(11), 650  
Luthra, S.K. 825(130, 131), 864  
Lüttke, W. 53(152, 155, 156), 54(152, 156), 65, 237(286), 261, 428, 429(190h), 475  
Luttmann, K. 898(51), 923  
Lutz, G. 182(113), 257, 591(135), 615  
Luu Duc, D.C. 825(131), 864  
Lyle, M. 493(17), 504  
Lynch, D.C. 281(41a), 321

- Lyons, R.A. 623(15, 16a), 624(15, 16a, 16b),  
650
- Lythgoe, B. 415, 421(171d), 474
- Ma, B. 940(26b), 975
- Ma, D. 456(284c), 479
- Ma, J. 4, 7(28), 21, 179(32), 180(53), 255
- Ma, P. 399(125a), 472, 517(41), 544
- Ma, S. 435(217), 476
- Ma, S.-M. 906(99), 924
- Maas, G. 54(162), 57(177), 65, 928, 930,  
945(1), 949(60, 61), 959(1, 60, 61), 961,  
974(1), 974, 975
- Macaulay, J.B. 180(53), 255
- MacDiarmid, A.G. 158(44), 170
- Macdonald, D.I. 404(137c), 472
- Macdonald, T.L. 405(140), 472
- Machida, K. 51(130), 64
- Machiguchi, T. 464(305), 480
- Machleider, W.H. 921(214), 926
- Machtin, V.A. 180(73), 256
- Macielag, M. 285(49a), 321
- Mackay, G.I. 735(7), 739(33), 750
- Mackie, R.K. 498(36), 505, 907(104), 924
- MacPherson, D.T. 450(261a), 478
- Maddams, W.F. 161(77), 171
- Mader, M. 667(46), 680
- Madison, N.L. 518(49), 545
- Madjid, A.H. 185(168), 258
- Madura, J.D. 43(98c), 63
- Maekawa, H. 765(14), 774
- Maercker, A. 407(150g), 473
- Maessen, P.A. 141(49), 147
- Maestro, M.A. 415, 421(171d), 474
- Maeta, H. 387(90, 92, 93), 470
- Maetz, P. 819, 820(109), 864
- Mager, M. 33(35), 62
- Magnus, P. 399(124g), 424(178c), 472, 475
- Magnus, P.D. 918(177, 178), 926
- Magnusson, G. 405(141a, 141b), 472
- Mahaffy, P.G. 53, 54(157), 65
- Mahalanabis, K.K. 518(51a, 51b), 545
- Mahon, M.F. 678(65), 681
- Maier, F.K. 369, 370(39b), 468
- Maier, G. 37(54, 55), 45(109), 62, 64, 80(32),  
106, 179(34), 213(193), 255, 259, 921(210),  
926
- Maier, J. 231(221), 259
- Maier, J.P. 175(10), 179, 180, 183(16),  
184(144), 210, 211(185), 221(10), 231(222),  
234(234), 236(268), 237(280), 254,  
257–261, 931(5), 974
- Maier-Borst, W. 825, 826(129), 864
- Maijere, A.de 903, 904(78), 924
- Main, A.J. 411(155d), 473
- Maitlis, P.M. 654(10), 679
- Majetich, G. 378(73), 469, 533(101, 103),  
535(107), 546, 898(50), 923
- Majidi, A. 424(181), 475
- Mak, K.T. 308(101e), 323
- Mak, T.C.W. 364, 365(23e), 468, 587(118a),  
615
- Makarov, Z.G. 609(192a), 617
- Makimen, M.W. 498(37), 505
- Makino, M. 236, 237(258), 260
- Maksimovic, L. 591(137), 615
- Malarek, D.H. 783, 805, 809, 834(27),  
862
- Malatesta, V. 648(94), 652
- Maldonado, R. 772(24), 774
- Maleczka, R.E.Jr. 440, 443(245a), 477
- Malhorta, S.K. 499(42), 505
- Mallard, W.G. 99(91), 110, 721(64), 732,  
733(2), 750
- Mallon, B.J. 81(39), 84(45), 88(39), 107
- Mallory, C.W. 276(28a), 320
- Mallory, F.B. 276(28a), 320
- Malloy, T.B.Jr. 39(76), 63
- Malmqvist, P.-Å. 243(296), 261
- Malone, J.F. 540(118c), 546
- Malsch, K.-D. 37(55), 62, 213(193), 259
- Mamaev, V.P. 745(50), 751
- Mamanathan, H. 280(39), 321
- Mamori, M. 341, 343(80), 356
- Manabe, K. 794, 795(48), 797(50), 813(95),  
862, 863
- Manchand, P.S. 394, 396(106a), 471
- Mandai, T. 368(33b), 388(98a, 101, 102), 468,  
471
- Mandel, M. 892(14), 922
- Mandel'shtam, T.V. 931(7), 974
- Mander, L.N. 465(308a), 480
- Manevich, E.M. 818(103), 863
- Mangold, D. 570(83), 614
- Manmade, A. 931(4), 974
- Mann, J. 399(126), 472
- Manna, S. 411(155e), 473
- Manocha, A.S. 183, 211(114), 257
- Manowitz, B. 346(101), 356
- Mansaki, Y. 388(98a), 471
- Måansson, M. 80(32), 106
- Mansurov, M.M. 860(239), 867
- Mao, D.T. 511(25), 544
- Maples, K.R. 777(2), 778(5), 861
- Marais, D.J. 158(46), 170
- Marazza, F. 518(50a), 545
- Marby, T.J. 465(310b), 480
- Marcano, M.M. 369(38), 468
- March, J. 361(10), 467
- Marchand, A.P. 182(110), 257, 565(70),  
613
- Marchand, B. 895, 896(26), 923
- Marchese, G. 452(273), 457(289), 479

- Mares, F. 749(69), 751  
Margolis, E.T. 627, 631(40), 651  
Marion, A. 621, 622(8), 631(57), 649(8), 650,  
651  
Markham, E. 807(79), 863  
Märkl, R. 877(33), 886  
Marko, I.E. 401(131a), 472  
Marocchi, A. 566(71), 613  
Maronati, A. 631(57), 651  
Marsch, W. 58, 60(181), 65  
Marschner, F. 181(79), 256  
Marsh, W. 964(97), 976  
Marshall, J.A. 282(46), 321, 394(105b), 471,  
526(74), 530(90), 545  
Marshall, J.H. 942(35a), 975  
Marstrander, A. 49(123), 64  
Martell, A.E. 919(183), 926  
Martens, D. 747(55), 748(55, 63, 64), 751  
Martens, H. 920(195, 197), 926  
Marti, J. 16(93), 22  
Martin, C.H. 13(71), 22  
Martin, D.H. 343(89), 356  
Martin, H.-D. 46, 47(111), 64, 181(77, 81,  
82), 182(102, 105, 107, 110, 113), 183(77),  
184(82, 137), 223(77), 252(105, 310), 256,  
257, 261, 562(61), 613, 954(75), 976  
Martin, P. 631, 634(58), 651  
Martin, R. 329, 331(15), 354  
Martin, R.L. 32(25), 62  
Martin, R.S. 915(159), 925  
Martin, S.F. 514(35), 544  
Martin, Y.C. 686(5), 730  
Martinelli, J.E. 119(17), 146, 273(22), 320  
Martinez, A.G. 366, 367(28a), 468  
Marusawa, H. 840(170), 865  
Maruyama, K. 553, 554, 556(31), 558(49),  
612, 613  
Marvell, E.N. 268(15b), 320, 510(12), 544  
Maryanoff, B.E. 407(150a), 473  
Masaki, Y. 57(176), 65  
Masamune, S. 306(93), 323, 405, 418(143),  
419(165e), 420(166a-c), 472, 474,  
910(121), 924  
Mascarenas, J.L. 415, 421(171d), 474  
Mascret, P. 179(21), 207(176), 254, 258  
Maskornick, M.J. 734, 739(5, 6), 750  
Mason, N.S. 845(180, 183), 865  
Mason, R. 415(169b), 474  
Mason, S.F. 112(1b), 116(10), 117(1b, 10),  
132(10), 133(1b, 10), 146  
Mastryukov, V.S. 51(135), 64  
Mastumoto, M. 919(184), 926  
Masuda, H. 765(14), 770(21), 774  
Masuda, T. 353(148-151), 357  
Mataga, N. 166, 168(100), 171  
Mathews, W.R. 783(26), 862  
Mathews-Roth, M.M. 784(31), 862  
Mathias, J.P. 576(94c-e), 577(95), 614  
Mathies, R. 150, 169(11), 170  
Mathis, P. 339(66), 355  
Mathur, S.N. 41, 42(91), 63  
Matias, P. 49(125), 64  
Matlin, A.R. 285(51), 321  
Matoba, Y. 913(141), 925  
Matsuawa, N. 15(86), 22  
Matsubara, J. 424, 425(179e), 475  
Matsubara, S. 431(198a), 476  
Matsuda, T. 660(27), 680  
Matsuda, Y. 337(52), 338(56, 58), 355  
Matsui, K. 438(231), 446(253), 477, 478  
Matsumoto, E.K. 548, 564(3), 611  
Matsumoto, H. 404(137a), 472, 517(42), 544,  
631, 632(51), 651  
Matsumoto, K. 548(10, 11), 564(11), 572(85),  
582(108), 583(109), 587(117), 588(121a,  
121b), 589(124), 610(198), 611, 614, 615,  
617  
Matsumoto, T. 282(47c), 321, 872(21a, 21b),  
886, 910(125), 925  
Matsumura, Y. 953(71), 976  
Matsumaga, H. 860(240), 867  
Matsumaga, I. 398(117b), 471  
Matsumaga, S. 282(47c), 321  
Matsuo, K. 561(63c), 569(74), 613  
Matsuo, T. 337(52), 355  
Matsuoka, T. 368, 369(31a), 468  
Matsushita, H. 368(34), 468  
Matsuura, H. 152(18), 170  
Matsuyama, T. 353(148, 151), 357  
Matty, J. 306(92a, 92b), 323, 402, 403(134f),  
472  
Matter, Y.M. 621, 622(11), 650  
Matuszewski, B. 270(18), 320  
Matz, J.R. 184(141, 142), 257  
Matzinger, S. 236(254), 247, 248(301), 260,  
261  
Matzner, E. 558(48), 612  
Mauderly, J.L. 778(4), 861  
Maughon, B.R. 968(104), 977  
Maverick, E. 805(76), 863  
Maverick, E.F. 37(57), 63  
Maxwell, J.R. 494(24), 505  
Maye, J.P. 539(114), 546  
Mayelvagnan, T. 398(118), 471  
Mayer, B. 182(110, 113), 184(137), 252(310),  
257, 261, 954(75), 976  
Mayer, C.F. 265(6), 319  
Mayer, H. 394, 396(106a, 106d), 471  
Mayer, J. 337(40), 355  
Mayer, J.R. 97(77), 109  
Mayer, M.G. 853(208), 866  
Mayer, W. 45(109), 64  
Mayo, F.R. 627, 631(40), 651

- Mayo, P.de 268(14e), 311(106a, 106b), 313(14e), 320, 323
- Mayoral, J.A. 17, 19, 20(109, 129), 22, 23, 911(133), 925
- Mayr, H. 560(54), 613, 742(43), 751, 872(19), 877(31, 32, 34a, 34b, 35), 879(34a, 34b, 35), 886
- Mazerski, J. 141(52c), 147
- McBride, J.M. 98(80), 109
- McCabe, J.R. 554(34), 557(41), 558(47b), 612
- McCammon, J.A. 498(41), 505
- McCasland, G.E. 892(8), 922
- McCauley, J.A. 440, 443(245a), 477
- McClelland, B.W. 26, 27(2), 61
- McCord, D.J. 968(104), 977
- McCullough, J.J. 399(124d), 472
- McCurry, P.M.Jr. 527(77), 545
- McDiarmid, A.G. 31(21), 62
- McDiarmid, R. 11(45, 65), 21, 22, 162–164(85), 171
- McDonald, F.E. 289(61), 322, 540(117b), 546
- McDonald, G.J. 802(60), 862
- McGarvey, G.J. 237(276), 260, 382, 383(83b), 470
- McGift, J.C. 793(46), 862
- McGill, J.M. 388, 391(96e), 470
- McGregor, S.D. 395(113a), 401(128), 471, 472
- McGuigan, P. 458(295), 479
- McHardy, S.F. 420(166a), 474
- McInnis, E.L. 274(24), 320
- McIntosh, C.L. 268(14a, 14e, 14f), 311(106b), 313(14a, 14e, 14f), 320, 323
- McIver, R.T.J. 735(12), 750
- McKendry, L.H. 268, 313(14d), 320
- McKervey, M.A. 374(52f), 458(295), 469, 479
- McKinley, S.V. 747(62), 751
- McLafferty, F.J. 86(50–52), 108
- McLaughlin, M.L. 53(151), 65
- McMullan, R.K. 49(125), 64
- McMurray, J.E. 428(187a–c), 439(235e), 475, 477
- McMurry, J.E. 184(141, 142), 257, 642(85), 652
- McNeill, E.A. 44(99), 63
- McNelis, E. 873(24a), 886
- McPhail, A.T. 378(72c), 469
- McPhail, D.R. 378(72c), 469
- McSweeney, G.P. 497(31), 505
- McVey, J.K. 14(73), 22, 156(39), 170
- Meador, W.R. 97(77), 109
- Mealli, C. 963, 974(90a), 976
- Medina, J.C. 910(123), 925
- Mees, C.O. 781(14, 15), 782(14), 784(34), 861, 862
- Meetsma, A. 593(144), 615
- Mehrotra, M.M. 898(49), 923
- Mehta, G. 364(25), 468
- Meier, H. 958(79), 976
- Meijer, J. 439(241a), 477
- Meijere, A.de 27, 28(9), 42(9, 92), 61, 63, 180(54, 62, 66), 181(54, 86), 183(62, 86, 124), 184(140), 225(211), 255–257, 259, 433(208b, 213), 434(209b), 436(224a, 224b), 476, 477, 562(58), 605(184), 609(196), 613, 616, 617
- Meinwald, J. 274(26), 320
- Meischler, K. 896(39), 923
- Meisinger, R.H. 364(22), 468
- Meister, M. 921(213), 926
- Melander, L. 855(219), 866
- Melder, J.P. 575(92b), 614
- Melli, L. 466(313e), 480
- Membrane, R.C. 916(165), 925
- Menase, R. 411(155d), 473
- Menorval, L.C.de 911(133), 925
- Menyailo, A.T. 497(33), 505, 920(192), 926
- Menzies, I.D. 918(177, 178), 926
- Merbach, A.E. 597, 599(166), 600(167), 616
- Merchán, M. 4, 8(30), 11(49, 50, 62), 12, 13(30, 49, 62), 14(30), 21, 22
- Meresa, L.M. 909(114, 115), 924
- Merger, R. 184(153), 258
- Merritt, J.A. 56(165a), 65
- Merz, K.J. 855(221), 866
- Merz, K.M. 17, 18(97), 22
- Mestres, R. 381(81a, 81b, 82), 470
- Metcalf, B.W. 831(149), 865
- Metts, L. 395(114a), 471
- Meunier, B. 899(53, 56), 923
- Meyer, E.F.Jr. 43(97), 63
- Meyer, F.E. 433(208b, 213), 434(209b), 436(224a, 224b), 476, 477
- Meyer, F.G. 609(196), 617
- Meyer, L.-U. 180(54, 66), 181(54), 255
- Meyer, V. 702(31), 731
- Mhin, B.J. 4(35, 36), 5, 6(35), 8, 9(36), 21, 166(112), 172
- Miamoto, K. 398(117b), 471
- Michael, B.D. 327, 328(10), 354
- Michaelis, W. 621, 622(11), 650
- Michaelson, R.C. 907(106, 107), 924
- Michalski, S. 605(184), 616
- Michelassi, F. 831(148), 864
- Micheli, R.P. 364, 365(23a), 468
- Michels, E. 315(113c), 324
- Michelsen, K. 184(140), 257
- Michl, J. 35(44, 45), 62, 161(72), 171
- Michno, D.M. 274(24), 320
- Middleton, D.S. 408(154c), 473
- Mielke, E.A. 791(42), 862
- Miftakhov, M.S. 431(198b), 476
- Mihelich, E.D. 907(112, 113), 924
- Mikata, Y. 583(111), 614
- Miki, S. 181(78), 256

- Mikjkovic, D. 276(31b), 320  
Milas, N. 902(74), 924  
Milas, N.A. 895(27, 28), 923  
Milhaud, J. 141(51c), 147  
Milinchuk, V.K. 350(137), 357  
Miller, B.J. 264(2b), 319  
Miller, F.A. 56(165b), 57(178), 65, 945(38), 975  
Miller, J.S. 942(34), 975  
Miller, M.J. 394(107), 471  
Miller, R.G. 466(313a), 480  
Miller, T.A. 231(223), 233(233), 236(269), 259, 260  
Millie, P. 737(19), 750  
Mills, G. 336(30), 354  
Milne, G.M. 532(95), 545  
Milner, D.C. 347(109), 356  
Mimoun, H. 912(139), 925  
Minati, L. 592(140), 615  
Minato, A. 452(271), 478  
Minato, T. 464(305), 480  
Minisci, F. 624, 625, 631(17), 648(17, 94), 650, 652  
Minkin, V.I. 717, 722(55), 732  
Minowa, N. 440(249), 478  
Minton, M.E. 274(23), 320  
Minuti, L. 566(71), 593(143), 613, 615  
Mioskowski, C. 412(161c), 473, 819, 820(109), 864  
Mirek, J. 940(25), 975  
Mirza, N.A. 276(30d), 320  
Misaki, Y. 58(183), 65, 940–942(27), 953(70, 71), 961(70), 963(87–89), 965(98), 975, 976  
Misawa, H. 388(98b, 100), 471  
Misev, L. 234(234), 260  
Mishima, M. 827(146), 864  
Misumi, S. 949(62), 975  
Mitani, M. 376(63), 469  
Mitchell, J.R. 782(19), 861  
Mitchell, S. 289(62), 322  
Mitchell, T.N. 439(235c, 235d), 477  
Mitchell, T.R.B. 540(118a–c), 546  
Mitra, R.B. 374(53), 469  
Mitsudo, T.A. 452(270), 478  
Mittelbach, M. 920(199), 926  
Miura, K. 525(68), 545, 633(64), 651  
Miyake, S. 870(8), 871(18), 886  
Miyamoto, T. 337(52), 338(55), 355  
Miyanaga, S. 424, 425(179b), 475  
Miyaura, N. 446(254a, 257a–c, 258a, 258b), 447(259), 448(257a–c), 478  
Miyazaki, T. 860(240), 867  
Miyazawa, M. 859(235), 867  
Miyazawa, T. 153(26), 166(113), 170, 172  
Mizuno, K. 338(53), 355  
Mizushima, Y. 793(47), 813(96), 862, 863  
Mizusuna, A. 935, 961(11), 974  
Mlynek, C. 181, 185(99), 256  
Moberg, C. 658(22–25), 659(22), 660(25), 680  
Mochakov, V.I. 33(31), 62  
Mochalov, V.I. 161(80), 171  
Mock, W.L. 395(113b), 471  
Modena, G. 910(119), 924  
Moffitt, W.E. 209(182), 258  
Mohachsi, E. 102(99a), 110  
Mohmand, S. 179(34), 255  
Mohr, B.J. 436(222), 477  
Mohraz, M. 184(158), 185(163), 258  
Moisenkov, A.M. 921(205), 926  
Molander, G.A. 446(256), 478  
Molho, D. 716(54), 732  
Molin, M. 610(201), 617  
Molina, A. 440, 441(244c), 477  
Moller, F. 364(24b), 468  
Möller, M. 306(92b), 323  
Molloy, K.C. 678(65), 681  
Momose, T. 236(261, 262), 237(261), 260  
Momroe, B.M. 914(150), 925  
Monk, J.P. 812(93), 863  
Montford, A.W. 498(36), 505, 907(104), 924  
Montgomery, J.A. 32(25), 62  
Montgomery, L.K. 52(140), 53, 54(157), 65  
Montgomery, R.E. 905(95), 924  
Montury, M. 376(62), 469  
Moody, R.T. 818(104), 863  
Mook, R.Jr. 523(65), 545  
Moore, A.L. 243(299), 261, 337(51), 339(66), 355  
Moore, C.B. 405(145), 472  
Moore, T.A. 243(299), 261, 337(51), 355  
Moran, H.W. 871(9, 11, 12), 872(12), 886  
More, P.G. 433(210a), 476  
Morello, H. 179(43), 255  
Morera, E. 433(215a), 434(209a), 476  
Morgan, K.D. 394, 396(106b), 471  
Mori, A. 287(52b), 321, 579(98, 99), 580(100, 101a, 101b), 581(102, 104a, 104b, 105, 106), 595(154), 596(155, 156), 600(168), 614, 616, 910(127), 925  
Mori, K. 368, 369(31a), 468  
Mori, Y. 423(177), 474  
Moriarty, R.M. 439(236b), 477  
Morikawa, K. 897(44), 923  
Morimoto, C.N. 43(97), 63  
Morimoto, H. 801(58), 862  
Morimoto, Y. 910(125), 925  
Morino, Y. 27, 28(8), 61, 158(47), 170  
Morishima, Y. 623(13, 14), 631(14), 632(13, 14), 650  
Morita, Y. 308(99b), 323  
Moriyama, T. 388(101, 102), 471  
Morley, J.O. 15(89), 22  
Morokuma, K. 597(160), 616  
Moron, T.A. 415, 421(171d), 474

- Moro-oka, Y. 919(185), 926  
 Morosi, T. 45(107), 64  
 Morre, T.A. 339(66), 355  
 Mortimer, C.T. 101, 102(96), 110  
 Morton, D.R.Jr. 917(173), 925  
 Moscowitz, A. 114, 115, 117(9), 146  
 Mosher, O.A. 11(63), 22  
 Mosher, Y. 5(38b), 21  
 Moss, R.A. 208(179), 258, 609(191), 617  
 Motlevalli-Oliner, M. 102(102), 110  
 Motherwell, W.B. 377(67), 430(193a, 193b), 469, 475, 626(20), 650, 824(124), 864  
 Moulton, R.D. 769(19), 774  
 Mourino, A. 415, 421(171d), 438, 439(234b), 474, 477  
 Mouser, J.K.M. 427(185), 475  
 Mouvier, G. 179(21), 207(176), 254, 258  
 Moylan, C.R. 733(1), 750  
 Moytka, L. 279(38b), 321  
 Mozumder, A. 326(4), 354  
 Muccino, R.R. 783(27, 28), 805, 809, 834(27), 862  
 Mueller, R.H. 855(222, 223), 866  
 Muellerle, J.A. 916(162), 925  
 Muggenburg, B.A. 778(4), 861  
 Mugnoli, A. 45(107), 64  
 Muhlbauer, G. 426(184c), 475  
 Mui, P.W. 81(35b), 107, 161(71), 171  
 Muir, M. 17, 18(98), 22  
 Mukai, T. 313(109c, 109d, 109f, 109h), 324  
 Mukaiyama, T. 428(188, 190b), 475, 916(166, 167), 925  
 Mukherjee, J. 844(179), 865  
 Mukhtar, R. 562(62), 613  
 Mulhauser, M. 375(56a), 469  
 Mulheim, L.J. 838(164), 865  
 Müllen, K. K. 34(42), 62, 440, 443(245c), 477, 578(96, 97), 614, 974(110), 977  
 Müller, C. 183(130), 184(146), 257  
 Müller, G. 181, 182(80), 256  
 Müller, J. 826(132), 864  
 Müller, K. 276(31b), 320  
 Müller-Bötticher, H. 182, 184(108), 256  
 Mulliken, R.S. 207(178), 258  
 Mullins, L. 347(119), 356  
 Mündrich, R. 602(176, 177, 179), 616  
 Munsch, B. 737(19), 750  
 Münzel, N. 237, 250(283), 261  
 Murahashi, S.-I. 432(207a), 476  
 Murphy, B.C. 411(155e), 473  
 Murphy, G.K. 277(33), 321  
 Murphy, J.A. 627(42), 651  
 Murphy, M.M. 436(222), 477  
 Murphy, R.C. 782(21), 861  
 Murpy, R.C. 783(25), 862  
 Murray, R.W. 905(88), 913(143), 924, 925  
 Murrel, J.N. 113, 114(6c), 146  
 Murrell, J.N. 178(14), 197(170), 213(14), 254, 258  
 Murthy, B.A.R.C. 252(309), 261  
 Muruyama, K. 432(207a), 476  
 Musso, H. 40(85), 63, 180(51), 181(51, 83), 255, 256  
 Mustafi, D. 498(37), 505  
 Muthardt, J.L. 225(211), 259  
 Muzzafar, A. 838(168), 865  
 Myagkova, G.I. 813(98), 863  
 Myasoedov, N.F. 813(97), 818(103), 863  
 Myasoyedov, N.F. 813(98), 863  
 Myers, A.G. 631(61), 651, 810(89), 863  
 Myers, M. 920(203), 926  
 Nader, F.W. 57(175), 65, 947(51), 975  
 Naegeli, P. 527(79), 545  
 Naemura, K. 513(30), 544  
 Naf, F. F. 375(56b), 469, 511(24a, 24b, 27), 544  
 Naf, I.L. 457(293), 479  
 Nagaev, I.Y. 813(97, 98), 863  
 Nagai, Y. 631, 632(51), 651  
 Nagano, Y. 596(156), 616  
 Nagao, M. 452(270), 478  
 Nagaraju, S. 406(147), 472  
 Nagasaka, T. 402(135), 472  
 Nagatomi, T. 940–942(27), 975  
 Nagels, P. 352(143), 357  
 Nahor, G.S. 339(71), 355  
 Naik, N.C. 116, 117, 133(11), 146  
 Naim, A. 336(30), 354  
 Naiman, M. 598(161), 616  
 Naito, H. 398(117a), 471  
 Naito, T. 264(1a), 319  
 Naitoh, Y. 180(64), 255  
 Nakabayashi, K. 338(63), 355  
 Nakaboyashi, K. 337(39), 355  
 Nakada, M. 415, 422(171f), 474, 642(86), 652  
 Nakagawa, H. 57(176), 65, 953, 961(70), 976  
 Nakagawa, S. 339(69), 355  
 Nakagawa, T. 341(82), 356  
 Nakahara, M. 551, 552, 561, 609(25a), 612  
 Nakajima, H. 769(18), 774  
 Nakajima, I. 452(271), 478  
 Nakamura, A. 424, 425(179b), 475  
 Nakamura, E. 541(120), 546  
 Nakamura, H. 337(52), 338(58), 355  
 Nakamura, K. 341(83), 356  
 Nakamura, M. 904(84), 924  
 Nakamura, N. 921(207), 926  
 Nakamura, S. 528(86), 545  
 Nakamura, Y. 308(99b), 323, 756(6), 774  
 Nakanishi, K. 112, 117(1d, 1e), 123(1d), 133(1d, 1e), 141(50a–c), 146, 147, 428(190a), 475

- Nakano, H. 589(125), 615  
 Nakano, T. 365(23f), 468, 631, 632(51), 651  
 Nakao, A. 520(56), 545  
 Nakao, K. 424, 425(179e), 475  
 Nakao, O. 344(95, 96), 356  
 Nakashima, H. 580(100), 596(155), 614, 616  
 Nakasníhi, K. 418(165a), 474  
 Nakata, M. 48(122), 64, 151(15), 170  
 Nakatsuka, M. 377(64, 65), 469, 514(39), 544  
 Nakatsuka, N. 306(93), 323  
 Nakawa, H. 587(117), 615  
 Nakazawa, M. 435(216), 476  
 Nam, W. 899(55), 923  
 Nambu, M. 446, 451(257i), 478  
 Nambudiri, M.E.N. 415, 421(171d), 474  
 Nanayakkara, A. 32(25), 62  
 Naoe, Y. 368, 369(31c), 468  
 Naqvi, S.M. 278(34d), 321  
 Narang, S.C. 758(8), 774  
 Narayanan, K.V. 875(28), 886  
 Nariai, T. 824(125), 864  
 Narula, A.P.S. 453(276b), 479  
 Naruse, M. 166, 168(101), 171, 408(154a), 473  
 Naruse, Y. 440, 441(244b), 477  
 Naser-ud-Din 643(81d), 651  
 Nashiyama, S. 410(155b), 473  
 Nasipuri, D. 527(81), 545  
 Naso, F. 452(273), 457(289), 479  
 Natusch, M.G. 264(2a), 319  
 Natekar, M.V. 374(53), 469  
 Natowsky, S. 180, 183(75), 256  
 Nawata, Y. 398(117b), 471  
 Nayler, P. 155(32), 170  
 Naylor, A. 424(180), 475  
 Naylor, P. 368–370(36), 468  
 Naylor, R.D. 70(9), 104  
 Nazarov, I.N. 508(6, 7), 544  
 Nebot-Gil, I. 11(49, 59), 12, 13(49), 21, 22  
 Nechvatal, A. 636(67), 651  
 Nefedov, V.D. 869(3), 886  
 Negishi, E. 539(113, 114), 546  
 Negishi, E.-i. 368(34), 435(217), 436(223a, 223b), 438(230), 446(257e), 449(265, 266), 451(257e), 452(269b, 269d, 269e), 455(281), 468, 476–479  
 Negri, F. 162, 164(88), 166(110), 171, 172  
 Neil, D.A. 465(307), 480  
 Neimayer, H.M. 739(28), 750  
 Nelsen, S.F. 919(181), 926  
 Nemeth, G.A. 337(51), 339(66), 355  
 Nemo, T.E. 899(54), 923  
 Nemoto, H. 399(124e), 404(137a), 472, 517(42), 544  
 Nes, G.J.H.van 51(129), 64  
 Neta, P. 327(9), 339(71), 354, 355  
 Neuenschwander, M. 183(125), 257, 684(1), 725(73), 730, 732  
 Neugebauer, D. 315(113a), 324  
 Neuhaus, L. 184(145), 237(286), 257, 261  
 Neukom, C. 394, 396(106b), 471  
 Neuman, P.C. 508(4), 544  
 Neuman, R.C. 601(170), 616  
 Neumann, M. 627(28), 650  
 Neumann, R. 496, 497(28), 505, 900(58, 59), 913(142), 920(189), 923, 925, 926  
 Neumann, R.C.Jr. 549(22b–d), 612  
 Neumann, W.P. 627, 631, 634(37), 650  
 Nevins, N. 38(67), 39(77), 63  
 Newcomb, M. 620(2), 650  
 Newcombe, D.S. 781(17), 861  
 Newlands, M.J. 903(79), 924  
 Newman, M.S. 702(36), 731  
 Ng, D.K.P. 466(314), 480  
 Ngoi, T.H.J. 522(61), 545  
 Nguyen, A. 81(42a, 42b), 107  
 Nguyen, H.T. 904(82), 924  
 Nguyen, S.B.T. 542(123a), 546  
 Nguyen-van-Duong, K. 639(78), 651  
 Nibbering, N.M.M. 236(274), 260  
 Nicholas, A. 17, 19, 20(111), 23  
 Nicholas, C.J. 408(154c), 473  
 Nicholas Tawn, D. 336(28), 354  
 Nicholls, R.V.V. 637(69), 651  
 Nickell, D.G. 417(164c), 473  
 Nickon, A. 54(161), 65, 915(157), 925  
 Nicol, M. 498(36), 505, 907(104), 924  
 Nicolaisen, F.M. 162–165(86), 171  
 Nicolaou, J.L. 399(125a), 472  
 Nicolaou, K.C. 375(58), 410(155c), 415(171b, 171e), 420(166a, 166c), 421(171b), 422(171e), 423(172c), 438(226a, 226b), 440(249), 454(279a–c), 460(171b), 469, 473, 474, 477–479, 517(41), 544, 642(86), 652  
 Nicolauv, G. 435(220), 476  
 Nicolini, M. 621, 622(7), 631(57), 646(7), 647(89), 650–652  
 Nie, H. 280(39), 321  
 Nie, X.Y. 280(39), 321  
 Niedenbrück, H. 921(209), 926  
 Niederprüm, N. 51(131), 64  
 Nieduzak, T.R. 565(69), 613  
 Nieger, M. 408(154b), 473  
 Nielsen, A.T. 378(70a), 469  
 Nielsen, J.R. 158(49), 170  
 Nielsen, O.F. 162–165(86), 171  
 Nielsen, O.J. 339(67, 68), 355  
 Niemeyer, H.M. 749(68), 751  
 Niesert, C.-P. 411(155f), 473  
 Niessen, W.von 211(189), 258  
 Nieuwstad, Th.J. 770(22), 774  
 Niewohner, C.B. 892(10), 922  
 Nigenda, S.E. 758(8), 774  
 Nikaido, T. 631, 632(51), 651

- Nikam, S.S. 369(38), 468  
 Nikitin, O.T. 158(55), 171  
 Nikitina, T.S. 346, 347(105), 356  
 Nikles, M. 453(276d), 479  
 Nilsson, Y.I.M. 672(54a, 54b, 56), 673(54a, 54b), 675(58b, 59), 676(58b), 680, 681  
 Ninomiya, I. 264(1a), 319  
 Ninomiya, S. 335(24), 354  
 Nishi, T. 424, 425(179b), 475, 883(41), 887  
 Nishida, S. 180, 182, 185(56), 255  
 Nishiguchi, I. 754(3), 764(13), 773, 774  
 Nishikawa, M. 335(21, 24), 354  
 Nishimoto, K. 942, 945(31), 975  
 Nishimura, S. 453(275b), 479  
 Nishimura, T. 361(14), 467  
 Nishino, H. 337(39), 355  
 Nishio, M. 123(32), 147  
 Nishioka, H. 350(133), 357  
 Nishitani, Y. 405, 418(143), 472  
 Nishizawa, H. 569(74), 613  
 Nitsche, S. 179, 183, 184(23), 235(236), 236(241, 251, 270), 237(275, 279, 286), 245(241), 248(270, 275, 279), 249(270, 275), 255, 260, 261  
 Nixdorf, M. 37(56, 57), 63, 181, 182(80), 256  
 Niyaz, N.M. 315(118), 324  
 Noack, K. 112(4), 138(46b, 47a), 141(4), 146, 147  
 Noble, W.J.le 548(2, 5–8, 12), 549(21), 552(27), 562(62), 564(2), 565(70), 596(150), 597(166, 169), 599(166), 600(167, 169), 602(178a, 178b), 611–613, 616, 874(25), 886  
 Noda, Y. 446, 451(257e), 478  
 Nogales, D.F. 805, 806(75), 863  
 Noifekh, A.I. 351(138), 357  
 Nojima, M. 921(207), 926  
 Noltemeyer, M. 53, 54(156), 65  
 Nomoto, T. 397(116b), 398(117a), 471  
 Noonan, D. 492, 493(14), 504  
 Nordberg, R.E. 662(33a–c), 663(33a–c, 35), 680  
 Nordén, B. 146(53), 147  
 Norden, T.D. 51, 52(139), 64, 179(38), 255  
 Nordlander, J.E. 746(51–53), 751  
 Norman, J. 949(63), 975  
 Norman, J.A.T. 937(14), 974  
 Norman, N. 52, 53(148), 65  
 Normant, J.F. 449(267a), 456(288), 457(290), 478, 479  
 Norton, G. 724(72), 732  
 Nosaka, Y. 236, 248(249), 260  
 Nose, M. 949(65, 66), 950(66), 951, 952(65, 66), 953(66), 965(65, 66), 976  
 Noskova, N.F. 860(239), 867  
 Nosoka, Y. 232(230), 260  
 Notaro, G. 898(52), 923  
 Nöth, H. 49(128), 64  
 Nothieisz, F. 668(48a, 48b), 680  
 Novello, F.C. 827(144), 864  
 Noyori, R. 287(52a, 53), 321, 322  
 Nozaki, H. 287(52a), 321, 431(198a), 476, 907(107), 924  
 Nozoe, T. 313(109b), 324, 464(305), 480, 581(102), 595(154), 614, 616, 765(14), 770(21), 774  
 Nudenberg, W. 622(12), 640(80), 641(81a), 650, 651  
 Nugara, P.N. 372(46), 468  
 Nugent, W.A. 540(117a), 546  
 Nukii, Y. 595(154), 616  
 Nummellin, K. 81(40, 41), 83(43), 107  
 Nunes, J.J. 582(107b), 591(132), 614, 615  
 Nunn, D.S. 282(44a), 321  
 Nuss, J.M. 264(4a, 4b), 319, 436(222), 477  
 Nussbaumer, M. 46(115), 64  
 Nussin, M. 802(59), 862  
 Nuttall, R.L. 69(3), 104  
 Nyfeler, R. 801(56), 862  
 Nyquist, R.A. 169(123), 172  
 Nyström, J.E. 663(35), 665(37), 666(38), 680  
 Oberdorfer, F. 825(129), 826(129, 132), 864  
 Oberhammer, H. 38(61), 63  
 O'Brien, D.F. 738(25), 750  
 Ochoa de Echagüen, C. 18(133), 23  
 O'Connor, S.P. 840(172), 865  
 Oda, K. 910(125), 925  
 Oda, M. 57(171), 58(179), 61(171, 179), 65, 931(10), 935(11), 942(31), 945(31, 42), 947(54), 949(42, 54, 65–67), 950(66), 951(42, 54, 65–67), 952(65, 66), 953(66, 72, 73), 961(11, 73), 963(67), 965(65, 66), 967(67), 974–976  
 Odani, M. 289(56), 322  
 Odell, A.D. 831(151), 865  
 Odinokov, V.N. 496(30), 497(30, 34), 505, 920(204), 921(205, 206), 926  
 O'Donnell, J.H. 325(1), 354  
 O'Donnell, M.J. 591(146), 615  
 Oebels, D. 609(194), 617  
 Oediger, H. 364(24b), 468  
 Oelze, J. 590(129a), 615  
 Oesch, F. 364, 365(23b), 468  
 Oeser, T. 44, 48(101), 64  
 Oesterhelt, D. 150, 151(12), 170, 808(81), 863  
 Oeters, K. 587(120), 615  
 Oezkar, S. 315(113a), 324  
 Ogasawara, K. 910(126), 925  
 Ogawa, M. 913(140, 141), 925  
 Ogawa, S. 433(212a), 476  
 Ogawa, Y. 375(58), 420(166c), 423(172c), 469, 474

- Ogbu, C.O. 315(112a), 324  
 Ogima, M. 449(268c), 478  
 Ogijama, M. 937, 943(18), 974  
 Ogle, M.E. 749(72), 751  
 Oguri, T. 377, 378(69c), 469  
 Oh, H.J. 831(149), 865  
 Ohara, M. 583(111), 614  
 Ohashi, M. 141(50d), 147  
 Ohkawa, M. 754(3), 773  
 Ohloff, G. 511(24a, 24b), 525(72), 544, 545  
 Ohmine, I. 4, 8(18), 13, 14(67), 21, 22  
 Ohnishi, Y. 287(53), 322  
 Ohno, K. 180(64), 181(88), 255, 256  
 Ohno, M. 415, 422(171f), 474, 895(31), 923  
 Ohta, N. 344(95, 96), 356  
 Ohtsu, A. 797(50), 862  
 Ohtsuka, M. 433(212a), 476  
 Oie, T. 4(34), 21  
 Ojima, J. 379(74a, 74b), 428, 429(190e, 190f), 469, 475  
 Ojosipe, B.A. 596(150), 616  
 Oka, H. 963(89), 976  
 Okabayashi, T. 913(141), 925  
 Okabe, T. 799(54), 862  
 Okada, M. 338(56), 355  
 Okada, T. 341(78), 356, 549, 550(24), 612, 765(14), 774  
 Okamoto, M. 609(191), 617  
 Okamoto, Y. 583(109), 614, 687(10), 731  
 Okamura, W.H. 268(15a), 320, 415, 421(171d), 474  
 Okano, M. 528(83), 545  
 Okarma, P.J. 276(30b), 320  
 Okawa, M. 764(13), 774  
 Okaya, Y. 874(25), 886  
 Okazaki, K. 339(74), 355  
 Okazaki, M. 832(155), 865  
 Okazaki, T. 344(95), 356  
 Okomura, N. 797(50), 862  
 Oksenievich, L.A. 346, 347(105), 356  
 Okubo, C. 942, 945(31), 975  
 Okukado, N. 438(230), 452(269d, 269e), 477, 478  
 Okumoto, H. 420(166b), 474  
 Okuno, T. 282(47c), 321  
 Olah, G.A. 881(36–38), 886, 887  
 Oliva, A. 17(105–108, 110–114, 122), 18(106), 19(107, 108, 110–114), 20(105–108, 110–114, 122), 22, 23  
 Ol'khov, Yu.A. 350(137), 357  
 Ollis, W.D. 361, 364(6), 467  
 Olofson, R.A. 208(179), 258  
 Olsen, H. 549(22a), 612  
 Olson, G.L. 394, 396(106b), 471, 532(97a, 97b), 546  
 Olson, J.A. 783(29), 784(33), 862  
 Olson, L.P. 855, 857(226), 866  
 O'Mahony, M.J. 388, 389(96b), 470  
 Omstead, M.N. 840(172), 865  
 Omura, S. 361(13b), 467, 910(125), 925  
 Ong, T.S. 179, 180(28), 255  
 Onishi, Y. 388(100), 471  
 Ono, N. 236, 237(261), 260  
 Onodera, K. 847(190), 866  
 Onyon, P.F. 627(23), 650  
 Oostveen, J.M. 52(143), 65  
 Oppolzer, W. 399(124a, 125b, 125c), 401(129), 404(137d), 405(146), 472, 511(19), 514(37, 40), 517(40), 518(46, 50a, 50b, 51a, 51b), 520(55–59), 544, 545, 666(42), 680  
 Orchin, M. 113, 114(6b), 146  
 Orita, A. 456(286), 479  
 Orito, K. 446, 451(257f), 478  
 Orlandi, G. 2, 11, 14, 15(1), 20, 31(18), 61, 150(3), 162, 164(88), 166(110), 169, 171, 172, 482, 483(2), 504  
 Ormerod, J. 920(203), 926  
 Oró, J. 492, 493(14), 504  
 Ortar, G. 433(215a), 434(209a), 476  
 Ortí, J. 17(105, 106, 112, 114), 18(106), 19(112, 114), 20(105, 106, 112, 114), 22, 23  
 Ortiz, J.V. 32(25), 62  
 Ortiz de Montellano, P. 913(145), 925  
 Ortúñoz, R.M. 17(105, 106, 108, 112–114, 122), 18(106, 133), 19(108, 112–114), 20(105, 106, 108, 112–114, 122), 22, 23  
 Osborne, G.A. 5(40), 21, 158, 159(51), 170  
 Ose, E.E. 841(174), 865  
 O'Shea, D.M. 430(193a), 475  
 Oshima, K. 431(198a), 476, 525(68), 545, 633(64), 651  
 Oshita, A. 119(18), 146  
 Osipov, O.A. 717, 722(55), 732  
 Oslund, N.S. 3(9), 20  
 Osterlag, H. 826(132), 864  
 Ostrander, R.L. 315(112b), 324  
 Osugi, J. 551, 552, 561, 609(25a), 612  
 Oswald, A.A. 627, 631, 632, 634(34), 650  
 Otaka, K. 452(272), 478  
 Otani, H. 57(174), 58, 61(179), 65, 931(10), 949–952(66), 953(66, 72, 73), 961(73), 965(66), 974, 976  
 Otani, S. 588(121a), 610(198), 615, 617  
 Otawi, S. 582(108), 614  
 Otera, J. 388(98a, 98b, 100–102), 471  
 Oth, J.F.M. 102(97, 98), 110, 466(311a), 480  
 Otsuji, Y. 338(53), 355  
 Ott, C. 590(129a, 129c, 129d, 130), 594(145), 604(182), 605(183), 615, 616  
 Otter, P. 920(203), 926  
 Otto, C. 591(135), 615  
 Overman, L.E. 433(211), 476, 533(100), 546  
 Owczarczyk, Z. 449(266), 478

- Owens, T.G. 243(298), 261  
 Owyang, R. 529(87b, 88), 545  
 Ozaki, K. 141(50d), 147
- Pac, C. 308(101i), 323  
 Pacansky, J. 268, 313(14a), 320  
 Paddon-Row, M. 17, 19, 20(119), 23  
 Paddon-Row, M.N. 182(104, 109, 110), 184(138), 256, 257  
 Padeken, H.G. 379(76b), 470  
 Padma, S. 364(25), 468  
 Padmakumar, R. 398(118), 471  
 Padwa, A. 289(55c), 311(106d), 322, 323  
 Page, P.C.B. 910(118), 924  
 Paglia, P. 465(309b), 480  
 Painter, S.K. 846(186), 865  
 Palani, A. 420(166a), 474  
 Palemer, M.H. 179(43), 255  
 Paley, R.S. 440, 442(244d), 477  
 Palings, I. 150, 169(11), 170  
 Palmer, B.D. 388, 389(96a), 470  
 Palmer, J.T. 394(108b), 471  
 Palmer, M.H. 180(59), 255  
 Palmieri, P. 119(25), 147  
 Palmisano, G. 409(154d), 473  
 Paltrinieri, L. 166(115), 172  
 Pan, X.M. 329, 330(14), 331(14, 17), 332(17), 333(19), 334(17), 354  
 Panchenko, Y.N. 4(19, 25, 26), 5, 7(19), 8, 9(25, 26), 21, 33(31), 62  
 Panchenko, Yu.N. 158(52–55), 161(73, 80, 81), 162, 164(87, 91), 170, 171  
 Pancir, J. 180(74), 256  
 Panek, E.J. 432(206b), 476  
 Pansegrouw, P.D. 181, 184, 185(92), 256, 365(23d), 468  
 Paolobelli, A.B. 631, 649(56), 651  
 Paolobelli, A.D. 637(68), 651  
 Papadopoulos, M. 558(43), 568, 571(76, 77), 612, 613  
 Piernik-Zielinska, H. (215), 866  
 Papol, W.M. 831(148), 864  
 Pappalardo, P. 399(124g), 472  
 Paquette, L.A. 45(110), 64, 86(55), 108, 116, 117, 132, 133(10), 146, 180(71), 181(84, 92, 94, 95, 98, 100), 182(103, 106), 183(128), 184(92, 95, 106, 128), 185(92, 95, 98), 225(211, 213), 256, 257, 259, 364(22, 23a), 365(23a, 23c, 23d, 23g), 367(28b), 374(52b, 52d), 395(110), 468, 469, 471, 570(75), 613, 903(80), 924  
 Pardon, J.A. 150, 169(11), 170  
 Parella, T. 17, 20(122), 23  
 Parent, P. 830, 831(147), 864  
 Paris, J.-M. 388(95a), 470  
 Pariser, R. 242(289), 261  
 Park, C.-H. 368(35), 468  
 Park, C.Y. 897(45), 923  
 Park, D.-C. 368(35), 468  
 Park, L.Y. 236–238, 245, 249(246), 260  
 Parker, D.H. 183(119), 257  
 Parker, R.A. 827(142), 864  
 Parker, R.G. 40(81), 63  
 Parker, T.L. 919(182), 926  
 Parker, V.B. 69(3), 104  
 Parkinson, C.J. 440(248), 478  
 Parkinson, W.A. 346(106), 356  
 Parkinson, W.W. 347(120), 356  
 Parnes, H. 812(92), 863  
 Parr, R.G. 242(289), 261  
 Parra, M. 381(81a, 81b, 82), 470  
 Parrain, J.-L. 446(252), 478, 675(59), 681  
 Parshall, G.W. 426(184a), 475  
 Parsons, P.J. 424(180), 436(224a), 458(294), 475, 477, 479, 629(45), 651  
 Partidge, J.J. 415, 421(171d), 474  
 Parton, A.H. 818(102), 863  
 Parvez, M. 431(199), 476  
 Pascher, F. 518(44), 544  
 Pasquato, L. 911(130), 925  
 Pasto, D.J. 627, 634, 635(36a), 639, 641, 643(71), 650, 651, 916(162), 925  
 Patai, S. 361(19), 468, 673(57b), 681  
 Patel, A. 847(191), 866  
 Patel, B.A. 434(209d), 435(218a), 476  
 Patel, D.J. 283(48b), 321  
 Paterno, E. 288, 293(54a), 322  
 Paternoster, M.I. 809(86), 863  
 Patney, H.K. 182(104, 109), 256, 257  
 Patro, B. 463(302, 303a), 480  
 Pattenden, G. 278(35, 36), 321, 415, 421(171a), 428, 429(190d), 440, 444(246c), 474, 475, 477, 629(46), 651, 904(85), 924  
 Pattenden, G. 834(160), 865  
 Patyk, A. 916(163), 925  
 Paufler, R. 48(120), 64  
 Paul, D.E. 228(216), 259  
 Paul, H. 896(36), 923  
 Paul, I.C. 40(86, 87), 63  
 Paulen, G. 33(31), 36(51), 62, 161(80), 171  
 Pauling, L. 32(22), 56(163), 62, 65, 872(20), 886  
 Pauliukonis, L.T. 289(57b), 322  
 Paulson, S.E. 922(218), 926  
 Pauson, P. 640(80), 651  
 Pavia, M.R. 420(166a), 474  
 Pavlik, J.W. 289(57a–e, 59a), 322  
 Pearson, A.J. 663, 668(34b), 680  
 Pearson, J.M. 620, 621(5), 650  
 Pedlar, B.E. 717(56), 732  
 Pedley, J.B. 70(9), 90(67), 91(68), 94(72, 73), 104, 108, 109  
 Pedulli, G.F. 627, 635(36b), 650

- Peña, M.R. 433(215b), 476  
Pendalwar, S.L. 372(46), 468  
Peng, C.T. 821(111–113), 822(116), 864  
Peng, C.Y. 32(25), 62  
Penner, G.H. 399, 401(124i), 472  
Penner, T. 342(88), 356  
Pentin, Yu.A. 158(52, 53, 55), 170, 171  
Penverne, M. 458(294), 479  
Peoples, H.A. 114, 119(7), 146  
Perez, J.J. 417(164c), 473  
Perez-Sestelo, J. 415, 421(171d), 474  
Periasamy, M. 431, 432(201), 476  
Perner, D. 339(70), 355  
Perpète, E.A. 15, 16(87), 22  
Perry, C.W. 783, 805, 809, 834(27), 862  
Perry, R.H. 920(202), 926  
Persico, M. 133, 134, 137(41c), 147, 287(52c), 322  
Person, R.V. 805(76), 863  
Persy, G. 185(164), 258  
Peseckis, S.M. 388, 392(97a), 470  
Pestaner, F.J. 339(76), 355  
Petasis, N.A. 420(166a), 454(279a–c), 474, 479  
Petek, H. 14(74), 22  
Peters, E.-M. 898(51), 923  
Peters, K. 898(51), 923  
Petersen, J.S. 910(121), 924  
Peterson, B. 368(33a), 468  
Peterson, D.J. 424(178a), 474  
Peterson, J. 964(93), 976  
Peterson, J.R. 86(55), 108  
Peterson, K.B. 851(202, 204), 866  
Peterson, L.I. 931, 940(3), 945, 954, 955(36), 974, 975  
Peterson, M.J. 407(151b), 473  
Peterson, M.L. 631, 641(49), 651  
Pettersson, G.A. 32(25), 62  
Petkav, A.J. 831(148), 864  
Petrov, E.S. 745(50), 751  
Petrov, I.Ya. 350(132), 357  
Petrzilka, M. 399(125b), 472  
Pettersson, H. 665(36), 680  
Pfaendler, H.F. 369, 370(39b), 468  
Pfaendler, H.R. 920(201), 926  
Pfeifer, K.-H. 180(55), 255  
Pfenniger, J. 626(21), 650  
Pflaumann, U. 493(18), 504  
Pfoehler, P. 182(107), 256  
Philips, N.M. 832(153), 865  
Philips, R.D. 918(176), 926  
Philips, S. 657(13a, 13b), 679  
Phillips, M.A. 780(10), 861  
Philip, D. 58(180), 65  
Photis, J.M. 364, 365(23a), 468  
Piccialli, V. 898(52), 923  
Pickard, J. 606(185a), 616  
Pickup, B.T. 15(82), 22  
Piepho, S.B. 250(306), 261  
Pierce, T.E. 915(159), 925  
Pieroni, O. 141(48), 147  
Piers, E. 440(243, 246d, 246e), 444(246d, 246e), 477  
Pietra, F. 287(52c), 322  
Pietzuch, W. 237, 250(283), 261  
Pike, J.E. 917(173), 925  
Pike, V.W. 825(130, 131), 864  
Pilati, T. 45(105, 106, 108), 64  
Pilet, O. 185(163), 258  
Pillai, K.M.R. 844, 845(177), 865  
Pimentel, G.C. 233(231), 260  
Pindur, U. 591(135), 615  
Pinke, P.A. 466(313a), 480  
Pinkerton, A.-A. 663, 668(34b), 680  
Pinkos, R. 575(92b), 614  
Pinos, R. 252(309), 261  
Pinto, I. 629(45), 651  
Pinto, I.L. 458(294), 479  
Piocos, E.A. 337(46), 355  
Piotti, M.E. 456(287), 479  
Piper, S.E. 399(126), 472  
Pires, R.M. 289(57d), 322  
Pirkle, W.H. 268, 313(14d), 320  
Pirrung, M.C. 282(44a), 321  
Piscopio, A.D. 440(249), 478  
Piseri, L. 166(115), 172  
Piskala, A. 407(152b), 473  
Pistorius, R. 643(81c), 651  
Pitt, G.A.J. 783(30), 862  
Pitteloud, R. 520(55, 57), 545  
Planter, R.D. 918(175), 926  
Platsch, H. 185(164), 258  
Platt, K.L. 364, 365(23b), 468  
Ple, G. 382(83f, 84, 85), 384, 419(83f), 470  
Plemenkov, V.V. 179(40), 180(40, 52), 255  
Plieninger, H. 570(83), 602(176, 177, 179), 614, 616  
Pliss, E.M. 180(73), 256  
Plotteau, C. 675(59), 681  
Plummer, M. 285(49a, 49c), 291(49c), 321  
Pocklington, J. 213(193), 259  
Pododensin, A. 90(64), 108  
Poeth, T. 432(204), 476  
Poggi, G. 119(25), 147  
Poklukar, N. 920(199), 926  
Pokrovskaya, I.E. 497(33), 505, 920(192), 926  
Polborn, K. 57(169), 65, 949(59), 975  
Pollack, R.M. 97(79), 109  
Pollack, S.K. 99(90), 110, 738(22), 750  
Pollard, R. 279(38c), 321  
Pollmann, M. 578(97), 614  
Pomerantz, M. 84(45), 107  
Pommer, H. 407(150f, 153), 473  
Pong, R.G.S. 313(108a, 108b), 324



- Rathunde, R.A. 155(33), 170  
Ratovelomanana, V. 438, 439(234a),  
  452(269a), 454(280), 477–479  
Rauch, M.U. 902(73), 924  
Rauchschnalbe, G. 746(59), 750(75), 751  
Rauk, A. 114, 119(7), 120(28), 146, 147  
Raulins, N.R. 276(29a), 320  
Raven, A.von 348(125, 126), 357  
Ravindran, K. 310(104), 323  
Rawley, A.G. 407(150e), 473  
Rawlinson, D.J. 648(93), 652  
Raybock, S.A. 899(56), 923  
Raymo, F.M. 576(94e), 614  
Rayner, C.M. 910(118), 924  
Reay, P.F. 791(43), 862  
Reddy, G.S. 426(184a), 475  
Reddy, M.P. 464(306), 480  
Reddy, S.M. 136, 137(45a, 45b), 147  
Reddy, V.P. 602(175), 616  
Redel, J. 435(220), 476  
Ree, K.H. 56(165b), 65  
Reed, A.E. 32(24), 62, 742(41), 750  
Reed, J.W. 278(34a), 321  
Reed, K.L. 906(100), 924  
Reed, R.I. 486(13), 504  
Rees, C.W. 457(291), 479  
Reetz, M.T. 17, 19, 20(118), 23, 184(156), 258  
Reeves, R.L. 378(70c), 469  
Réglier, M. 541(119), 546, 653(4, 5),  
  657(16–19), 658(4, 16), 679, 680, 919(187),  
  926  
Rehner, J. 347(114), 356  
Reich, H.J. 366(29c), 468  
Reichardt, C. 723(67), 732  
Reiche, P. 280(39), 321  
Reichenbach, H. 494(22), 505  
Reiff, W.M. 942(34), 975  
Reilly, J. 285(49d, 50), 321, 895(34), 923  
Rein, T. 416(164b), 423(174, 175), 434(209c),  
  473, 474, 476  
Reinhart, M. 780(11), 861  
Reinhoudt, D.N. 404(138), 472  
Reisenauer, H. 179(34), 255  
Reiser, O. 610(202), 617  
Reissig, H.U. 946, 961(43), 975  
Reitz, A.B. 407(150a), 473  
Reix, T. 905(93), 924  
Rellensmann, W. 770(23), 774  
Rembaum, A. 352(141), 357  
Remorrttere, F.P.van 57(172), 65  
Ren, C.-T. 182(110), 257  
Renko, Z.D. 666(39, 40), 680  
Rennels, R.A. 436(222), 477  
Replogle, E.S. 32(25), 62  
Restivo, R. 657(13a, 13b), 679  
Rettig, S.J. 440, 444(246d), 477  
Reuvers, J.T.A. 374(50, 51), 469  
Reynolds, G.A. 424, 425(179c, 179d), 475  
Reynolds, M.E. 523(66), 545, 627, 640(41),  
  651  
Rhee, K.H. 57(178), 65, 945(38), 975  
Rhee, S.W. 808(84), 863  
Rheenan, V.van 895, 896(30), 923  
Rheiner, A. 276(27a), 320  
Rheingold, A. 315(112b), 324  
Rheingold, A.L. 36(53), 53(150), 62, 65  
Rhoads, S.J. 276(29a), 320  
Rice, J.E. 4(13), 15, 16(90), 21, 22, 35,  
  36(46b), 62, 161(75), 171  
Rice, S.A. 14(73), 22, 56(165c), 65, 156(39),  
  158, 161(59), 166(59, 108), 170–172  
Richard, C. 329, 331(15), 354  
Richards, C.M. 158(49), 170  
Richards, J.H. 526(73), 545  
Richardson, K.S. 739(29), 750  
Richardson, S.R. 408(154c), 473  
Richardson, T.I. 141(51b), 147  
Richardson, W.S. 298(79), 322  
Richter, M.J. 911(128), 925  
Rickards, R.W. 500(46), 505  
Rico, J.G. 642(85), 652  
Ridley, J. 242(293), 261  
Riefling, B. 431(197), 476  
Riegler, N. 37(55), 62  
Rieke, C.A. 207(178), 258  
Rieke, R. 311(106c), 323  
Rieke, R.D. 428(187e), 475  
Riemann, A. 184(137), 257  
Riemenschneider, K. 621, 622(11), 650  
Rietz, P. 783(30), 862  
Rigassi, N. 493(19), 505  
Rigatti, S. 280(39), 321  
Rigby, J.H. 306(90b), 315(112a, 114, 115,  
  116a–c, 117–120), 317(119, 120), 323, 324  
Rihs, G. 466(312a), 480  
Rimai, L. 31(20), 62, 166, 168(102), 171  
Rimmelin, J. 552(29), 553(32, 33), 557(42),  
  558(43), 612  
Ringe, K. 440, 442(244d, 244e), 477  
Ringold, C. 535(107), 546  
Ringold, H.J. 499(42), 505  
Rinnert, H. 141(52a), 147  
Rios, R. 17, 19, 20(111), 23  
Ripa, A. 465(309d), 480  
Ripoll, J.L. 405(144a, 144b), 472, 945(40),  
  975  
Ripoll, J.P. 184(144), 257  
Rise, F. 450(261b), 478  
Riva, M. 306(91), 323  
Rivás, J.O.L. 243(297), 261  
Rivers, G.T. 377, 378(69b), 469  
Ro, R.S. 904(87), 924  
Roach, A. 237, 238, 245(287), 261  
Robb, M.A. 17(95), 22, 32(25), 62

- Roberts, D.A. 399(125c), 472, 514, 517(40), 544  
 Roberts, J.D. 746(51–53), 751  
 Roberts, L.R. 430(193a), 475  
 Robertson, J.M. 41(89), 63  
 Robin, M.B. 179(19), 211(19), 186), 254, 258  
 Robins, K.A. 4, 9, 10(37), 15, 16(88), 21, 22  
 Robinson, J.S. 335, 336(26), 354  
 Robinson, S.D. 662(31a, 31b), 680  
 Rocco, F. 823(122), 864  
 Rochow, E.G. (29), 731  
 Rodenwald, H. 44(103), 64  
 Röder, T. 781, 782(14), 861  
 Rodewald, H. 57(175), 65, 947(51), 975  
 Rodewald, P.G. 631, 632, 645(53), 651  
 Rodgers, J.D. 415, 421(171c), 474  
 Rodgers, M.A.J. 338(65), 355  
 Rodgers, S.L. 129, 130, 134(38), 147  
 Rodin, J.O. 454, 455(278c), 479  
 Rodin, O.J. 851, 852(206), 866  
 Roedig, A. 947(49), 975  
 Rogers, C. 71(10), 104  
 Rogers, D.W. 70(7), 71(7, 11a, 11b, 12), 72(11a, 11b, 14), 76(12), 77(11a, 11b, 12), 78(26), 86(50–52, 55, 56), 88(7, 11a, 11b, 12, 56), 90(64), 91(69), 104–106, 108, 109  
 Rogers, R.D. 34(39), 45(110), 62, 64, 181, 185(98), 256, 570(75), 613  
 Rogova, V.N. 351(138), 357  
 Rohlfing, C. 4(13), 21  
 Rohlfing, C.M. 35, 36(46b), 62, 161(75), 171  
 Rohn, G. 184(154), 258, 959(82), 961(82, 83), 976  
 Rojahn, W. 894(17), 922  
 Rokach, J. 410(155a), 411(155e), 473  
 Rokach, J.R. 825(127), 864  
 Rokroyama, T. 904(84), 924  
 Rolando, Ch. 643(81b), 651  
 Römer, R. 949(58), 975  
 Romero, D.L. 450(261b), 478  
 Romers, C. 119(16a, 16b), 146  
 Rommel, E. 180, 183, 184, 225, 228(63), 255  
 Ron, A. 802(59), 862  
 Rondan, N.G. 43(98c), 63  
 Ronzini, L. 452(273), 457(289), 479  
 Rooney, J.J. 820(110), 864  
 Roos, B.O. 4, 8(30), 11(49, 50, 62), 12, 13(30, 49, 62), 14(30), 21, 22, 242(295), 243(296), 261  
 Ropp, G.A. 848, 849(195), 866  
 Rösch, N. 40(83), 63  
 Roschester, J. 131, 132, 134(40), 147  
 Roschupinka, O.S. 352(142), 357  
 Rose, J.L. 250(306), 261  
 Rosell, A. 493(18), 504  
 Rosenberg, J.L.von 179(33), 255  
 Rosenberg, M. 808(83), 863  
 Rosenberg, R.E. 4, 6(22), 21, 35, 36(46e), 62, 158, 161, 162(63), 171  
 Rosenberger, M. 394, 396(106a), 471  
 Rosenberger, T. 860(238), 867  
 Rosenfield, J.S. 119(23, 24), 120, 122(23), 147  
 Rosini, C. 133(41b, 41c), 134, 137(41c), 147  
 Rösler, H. 510(16), 544  
 Rosner, W. 843, 844(178), 865  
 Ross, A.B. 328(12), 353(152), 354, 357  
 Ross, G.A. 538(111), 546  
 Rossi, K. 537(109), 546  
 Rossi, M. 183(134), 257  
 Rossi, R. 452(269c), 478  
 Rossiter, M. 494(24), 505  
 Rotella, D.P. 313(110b, 111), 324  
 Roth, K. 179(23), 180(70), 183(23, 70), 184(23), 235(236), 236(241, 246, 251, 257, 258, 265, 270), 237(246, 257, 258, 275, 279), 238(246), 245(241, 246), 248(270, 275, 279, 304), 249(246, 257, 270, 275), 252(265), 255, 256, 260, 261  
 Roth, W. 596(158), 616  
 Roth, W.R. 36(50), 62, 70(8, 9), 75(21), 76, 77(23), 81(39), 85(46), 88(39), 90(64, 66), 94(71, 72), 98(23), 102(100), 104, 106–110, 252(309), 261, 560(53), 570, 573(86), 613, 614, 627(27, 28), 650  
 Rothberg, L. 243, 246(300), 261  
 Rotteler, H. 466(311a), 480  
 Rotunno, D. 457(289), 479  
 Rouessac, A.R.F. 405(144a), 472  
 Rouessac, F. 910(124), 925  
 Roush, W.R. 378(71), 388, 392(97a), 419(165e), 469, 470, 474, 514(34), 544  
 Rousseau, B. 819, 820(109), 864  
 Rouzer, C.A. 783(24), 862  
 Rowan, D.D. 791(43, 44), 862  
 Rowan, R.III. 498(41), 505  
 Rowe, J.M. 662(32), 680  
 Rowland, S. 483, 484, 493(6), 504  
 Rowland, S.J. 485(10), 504  
 Rozman, S.I. 351(138), 357  
 Ruano, J.L.G. 393(104), 471  
 Rubin, M.B. 306(94), 323  
 Rubio, A. 371(42), 468  
 Ruble, J.R. 49(125), 64  
 Rüchardt, C. 80(32), 98(82), 106, 109  
 Rücker, C. 718(59), 732, 967(103), 976  
 Rudler-Chauvin, M.C. 532(95), 545  
 Rudloff, E.von 892(12), 922  
 Rudolf, K. 185(162), 258  
 Ruedenberg, K. 220(205), 259  
 Ruhoff, J.R. 81, 88(38), 107  
 Ruitenberg, K. 439(241a), 477  
 Ruiz-López, M.F. 17, 19, 20(109, 129), 22, 23  
 Runge, W. 112(2), 146, 684(2), 723(69), 724(70, 71), 730, 732

- Runsink, J. 306(92a), 323  
 Ruppelt, M. 535(106), 546  
 Rusel, R.D. 335(27), 354  
 Russal, C.E. 449(267b), 478  
 Russell, D.H. 236(243), 260  
 Russell, R.A. 849(197), 866  
 Rust, F.F. 647(92), 652  
 Rustler, V. 548(14), 559(52), 560(54), 561(52), 562(56), 563(52), 611, 613  
 Ruther, M. 519(53), 545  
 Rutschmann, S. 964, 967(92), 976  
 Ruttmann, A. 374(49), 469  
 Rüttinger, R. 653(1a), 679  
 Ruzicka, L. 532(99), 546, 893(16), 922  
 Ruzziconi, R. 631(55, 56), 637(68), 649(55, 56), 651  
 Rychnovsky, S.D. 141(51b), 147, 382, 383(83c, 83d), 470  
 Rylander, P.N. 453(275a), 479  
 Rzepa, H.S. 586(114), 615
- Saad, F.M. 36(52), 62  
 Sabbah, R. 99(88), 110  
 Sable, H.Z. 892(9, 10), 922  
 Sabljic, A. 51(136b), 64, 162–164(85), 171  
 Sabourin, P.J. 778(4), 861  
 Sadlej, J. 197(170), 258  
 Sadlej, A.J. 243(296), 261  
 Sadova, N.I. 51(135), 64  
 Saebo, S. 161(79), 171  
 Saegebarth, K.A. 892(3), 922  
 Saegusa, K. 623, 631, 632(14), 650  
 Saegusa, T. 377(64, 65), 469, 514(39), 544  
 Saengchantara, S.T. 508(5), 544  
 Sagawa, T. 185(166), 258  
 Saitner, H. 719(61), 732  
 Saito, N. 514(36), 544  
 Saito, S. 51(130), 64, 169(126), 172  
 Sakaguchi, M. 770(21), 774  
 Sakai, M. 141(50d), 147  
 Sakai, T. 419(165e), 474  
 Sakai, Y. 298(77d), 322, 368, 369(31c), 468  
 Sakakibara, K. 123(32), 147  
 Sakuda, S. 361(14), 467  
 Sakuma, K. 388, 391(96f), 470  
 Sakurai, H. 297(76a, 76b), 298(77d, 80a, 80b), 322, 341(78, 82, 83), 356, 452(272), 478, 673(57a), 681, 954(74), 976  
 Salem, L. 174(1), 178, 213(14), 254  
 Salemkour, M. 424(182), 475  
 Salles, C. 788(37), 862  
 Salmon, L.S. 220(205), 259  
 Salomon, M.F. 466(313b), 480  
 Salomon, R.G. 466(313b), 480  
 Saltiel, J. 81(35c), 107, 308(101c), 323, 395(114a), 471  
 Salva, F.D. 424, 425(179d), 475  
 Salvadori, P. 133(41b, 41c), 134, 137(41c), 147  
 Salvatella, L. 17, 19, 20(109, 129), 22, 23  
 Samain, D. 454, 455(278a), 479  
 Samet, C. 250(306), 261  
 Sammes, P.G. 870(5), 886  
 Samuel, C.J. 289(58, 59b), 293(58), 322  
 Samuel, S.D. 72(14), 86, 88(56), 105, 108  
 Samuelson, B. 782(22), 861  
 Samuelsson, B. 783(24), 862  
 Sanchez, F. 911(132), 925  
 Sánchez-Marin, J. 11(59), 22  
 Sandanayaka, V.P. 315(117), 324  
 Sander, W. 916(163), 925  
 Sanders, E.B. 931, 940(3), 974  
 Sandorfy, C. 232(227b), 259  
 Sandström, J. 131, 132, 134(40), 147  
 San Filippo, J.Jr. 432(206a), 476  
 Sanfilippo, L.J. 395(112a), 471  
 Sanfilippo, P. 428, 429(190c), 475  
 Sangster, D.F. 325(1), 354  
 Sangster, J.M. 621, 631(9), 650  
 Sanjoh, H. 528(84, 85), 545  
 Sankarappa, S. 780(11), 861  
 Sano, T. 567(72), 613  
 Sant, R. 621, 622, 649(8), 650  
 Santana, G.M. 430(192), 475  
 Santelli, M. 508(8), 544  
 Santelli-Rouvier, C. 508(8), 544  
 Santi, R. 621, 622, 646(7), 647(89, 90), 650, 652  
 Sapochak, L.S. 34(39), 62  
 Sarandeses, L.A. 438, 439(234b), 477  
 Sardana, M.K. 847(192), 866  
 Sardina, F.J. 415, 421(171d), 474  
 Sarel, S. 466(313c, 313d), 480  
 Sargent, M.V. 366(27), 468  
 Sarhangi, A. 169(127), 172  
 Sarma, K. 599(164), 608(189), 616, 617, 627(25), 650  
 Sarnthein, M. 493(18), 504  
 Sartori, G. 306(91), 323  
 Sasaki, K. 432(202c), 476, 847(190), 866  
 Sasaki, T. 308(96), 323  
 Sass, H. 426(184c), 475  
 Sastry, K.A.R. 846(185), 865  
 Satake, K. 300(84a–c), 305(84b), 323, 385(89), 470  
 Sathyam Shankar, P. 465(308h), 480  
 Sato, E. 308(101b), 323  
 Sato, F. 446, 448(257d), 478  
 Sato, S. 338(57), 339(69, 74), 355  
 Sato, T. 428(188), 475  
 Satoh, T. 837(162), 865  
 Satoh, Y. 446, 448(257c), 478  
 Sattsangi, P.D. 424(183b, 183c), 475

- Saucy, G. 394, 396(106a, 106b), 471  
 Sauer, J. 17, 20(127), 23, 49(128), 64, 558(48),  
     612, 718(59), 732, 967(103), 976  
 Saunders, M.R. 686(3), 730  
 Saunders, W.H.Jr. 364(20a), 468, 738(21, 24),  
     750, 854(212), 855(212, 219, 224), 866  
 Saussine, L. 643(81b), 651  
 Savel'ev, S.R. 860(239), 867  
 Savoia, D. 394(105d), 471  
 Sawada, M. 688(20), 731  
 Sawada, S. 840(171), 865  
 Sawyer, D.T. 919(183), 926  
 Sbai, A. 17, 19, 20(110), 23  
 Scaiano, J.C. 625, 626(18a), 650  
 Scala, A. 893(15), 922  
 Scannon, P.J. 739(28), 749(68), 750, 751  
 Schaad, L.J. 51(137a), 64, 602(175), 616  
 Schaefer, H.F. 741(38), 750  
 Schaefer, H.F.III 35, 36(46a), 62, 940(26b),  
     975  
 Schaeffer, H.F.III 4(15), 21  
 Schaetzer, J. 98(82), 109  
 Schäfer, H. 631(54a), 643(54a, 81c), 651  
 Schäfer, H.J. 638, 639(70), 651, 753(1),  
     756(7), 757(1), 773, 774  
 Schäfer, L. 27, 28(7), 37(58), 61, 63  
 Schäfer, W. 46(112), 64, 183(131), 184(141),  
     156), 221(206), 223(131), 257–259,  
     921(209), 926  
 Schaffer, H.E. 166–168(97), 171  
 Schaffer, H.F.III 161(76), 171  
 Schaffner, K. 281(41b), 321  
 Schanze, K.S. 308(101c), 323  
 Scharf, H.-D. 402, 403(134f), 472  
 Schatz, B. 510(12), 544  
 Schatz, P.N. 250(306), 261  
 Scheeren, H.W. 402, 403(134c), 472, 592(139,  
     140), 615  
 Scheffel, D. 871(17), 886  
 Scheidt, F. 402, 403(134d), 472  
 Scheiner, S. 737(16), 738(16, 23), 750  
 Schenk, G.O. 915(156), 925  
 Scheps, R. 56(165c), 65  
 Schere, W. 902(73), 924  
 Scheren, H.W. 586(115, 116), 615  
 Scheuer, P.J. 361(15), 467  
 Scheuplein, S.W. 433(215c), 476  
 Schiavelli, M.D. 871(9, 11–17), 872(12, 13),  
     886  
 Schick, U. 434(209b), 476, 609(196), 617  
 Schick, V. 433(213), 476  
 Schiekh, O.von 379(76b), 470  
 Schiess, P. 964, 967(92), 976  
 Schiff, H.I. 735(7), 750  
 Schillinger, W.J. 404(137a), 472  
 Schink, H.E. 663(34a), 665(36), 666(39),  
     668(34a), 680  
 Schinzer, D. 438, 439(234c), 440, 442(244d,  
     244e), 477, 533(102), 534(104),  
     535(104–106), 546  
 Schiott, B. 496(29), 505, 891(1), 900(60), 922,  
     923  
 Schirmer, J. 87(57), 108  
 Schiwek, H.J. 562(61), 613  
 Schlattmann, J.L.M.A. 268(16b), 320  
 Schlegel, H.B. 32(25), 62  
 Schleich, D.M. 758(8), 774  
 Schlessinger, R.S. 417(164c), 473  
 Schleyer, P.v.R. 3(6), 17, 18(131), 20, 23,  
     51(137c), 64, 737(18), 742(43), 744(18, 44),  
     747(60, 61), 750, 751  
 Schlosser, H. 411(155f), 473  
 Schlosser, M. 407(151a, 152a, 152b), 473,  
     746(54, 59), 747(54), 750(75), 751  
 Schmeising, H.N. 32(23), 62  
 Schmeller, K.E. 562(57), 613  
 Schmelzer, A. 180, 181(58), 183(114),  
     209(183), 210(184), 211(114), 213(193),  
     220(204), 228(214), 255, 257–259  
 Schmidhauser, E. 183, 184(117), 257  
 Schmidhauser, J. 179, 211(37), 255  
 Schmidhauser, J.C. 76, 77(23), 78(26), 98(23),  
     102(100), 106, 110  
 Schmidlin, J. 896(39), 923  
 Schmidt, G.M.J. 40(88), 63  
 Schmidt, W. 180(76), 181(101), 183(76), 256  
 Schmidt-Thomé, J. 896(36), 923  
 Schmiesing, R.J. 907(111), 924  
 Schmitt, P. 214(197), 259  
 Schmitz, A. 518(44), 544  
 Schmohel, E. 408(154b), 473  
 Schmuck, C. 627(28), 650  
 Schmuff, N.R. 394(107), 471  
 Schnabel, W. 623, 632(13), 650  
 Schneider, B. 494, 495(25), 505  
 Schneider, D.R. 747(55), 748(55, 63), 751  
 Schneider, K.-A. 37(55), 62  
 Schneider, R. 872(19), 886  
 Schneider, W.P. 783(26), 862, 896(40), 923  
 Schnepp, O. 112, 113(5), 146  
 Schnering, H.-G.von 587(120), 615, 898(51),  
     923  
 Schnur, R.C. 847(189), 866  
 Schobert, R. 642(84), 652  
 Schoenshoefer, M. 328(13), 354  
 Schofield, C.J. 849(197), 866  
 Scholer, F.R. 44(99), 63  
 Scholler, R. 500(44), 505  
 Schöllkopf, U. 597(173), 616  
 Scholz, B.P. 560(53), 613  
 Scholz, M. 242(292), 261  
 Schomaker, V. 32(22), 62  
 Schomburg, D. 570(82), 584, 585(112), 614,  
     956(78), 976

- Schooley, D.A. 812(91), 863  
 Schorp, M.K. 417(164d), 474  
 Schow, S.R. 415(170), 474  
 Schreiber, S.L. 297(73c), 298, 299(73c, 81a,  
   81b), 300(83, 84a–c), 301(85a, 85b, 86),  
   304(73c), 305(84b), 322, 323, 385(89), 470,  
   501(47, 48), 505  
 Schreurs, J.W.H. 228, 232(215), 259  
 Schrock, R.R. 155, 157, 158(34), 166–168(97),  
   170, 171, 236–238, 245, 249(246), 260  
 Schröder, G. 81, 88(39), 107, 181(91),  
   183(132), 184(91), 256, 257  
 Schroder, G. 466(311a), 480, 921(210), 926  
 Schröder, M. 895(29), 923  
 Schroeder, J. 561(63a), 613  
 Schuber, F. 823(121), 864  
 Schuchman, H.P. 326(8), 354  
 Schuchman, M.N. 331, 332(17), 333(19),  
   334(17), 354  
 Schuda, P. 895(33), 923  
 Schuddle, E.P. 895(35), 923  
 Schügerl, F.B. 166(114), 172  
 Schuler, R.H. 330, 331(16), 341(85), 354, 356  
 Schuller, W.H. 914(152), 925  
 Schulman, E.M. 597, 599(166), 600(167), 616  
 Schulte, K.-W. 242(294), 261  
 Schulten, K. 11(44), 14(44, 75), 21, 22, 150,  
   151, 154, 156, 160(1), 169, 482(1), 504  
 Schultz, A.G. 268(11), 279(38a, 38b),  
   285(49a–d, 50), 291(49c), 319, 321  
 Schultz, G. 27, 28(6), 61  
 Schultz, R.G. 677(61b), 681  
 Schultz, T. 184(138), 257  
 Schulz, R. 185(161), 258  
 Schumacher, L. 181, 184(89), 256  
 Schumm, R.H. 69(3), 104  
 Schuster, D.I. 281(42), 283(48a, 48b), 321  
 Schuster, G. 916(165), 925  
 Schuster, H. 49(128), 64  
 Schuster, T. 905(92), 921(215), 924, 926  
 Schutte, R. 341(87), 356  
 Schüttler, R. 46(112), 64, 183, 223(131), 257  
 Schutz, F. 877, 879(34b), 886  
 Schwager, L. 134(43), 147, 180, 181(67), 256  
 Schwartz, C.E. 633(63), 651  
 Schwartz, J. 387(91), 470  
 Schwarz, H. 860(241), 867  
 Schwarz, H.A. 335(24), 354  
 Schwarz, W. 180, 181(51), 255  
 Schwarzer, D. 561(63a), 613  
 Schweig, A. 29(10), 46(112), 61, 64, 179(35),  
   180(76), 183(76, 130, 131), 184(35, 146,  
   156), 185(161), 223(131), 237(283),  
   242(294), 250(283), 255–258, 261  
 Schwesinger, R. 181(82), 182(105), 184(82),  
   252(105), 256  
 Schwieder, U. 493(19), 505  
 Scott, A.I. 114(8), 146, 657(14), 680, 802,  
   803(71), 863  
 Scott, C.J. 643(81d), 651  
 Scott, F. 457(290), 479  
 Scott, J.A. 735(12), 750  
 Scott, L.T. 963(90b), 976  
 Scott, R.M. 540(118c), 546  
 Scott, T.L. 184(138), 257  
 Scott, W.J. 433(215b), 439(235e, 237, 242b),  
   440, 442(242b), 476, 477, 509(10), 544  
 Scribner, S. 315(116c), 324  
 Sdunnus, N. 898(51), 923  
 Sears, D.F.Jr. 81(35c), 107  
 Sears, W.C. 346(106), 347(110, 120), 356  
 Sebastian, R. 621, 622(7, 8), 646(7), 647(89,  
   90), 649(8), 650, 652  
 Secen, B.H. 914(149), 925  
 Sedelmeier, G. 182(102), 256, 466(312a), 480  
 Sedlmeier, J. 653(1a), 679  
 Seemeyer, K. 860(241), 867  
 Segletes, Zs. 668(48b), 680  
 Segnitz, A. 379(76b), 470  
 Seguchi, K. 553, 554, 556(31), 558(49), 612,  
   613  
 Seguchi, T. 350(136), 357  
 Seidner, R.T. 306(93), 323  
 Seiler, M. 532(96), 545  
 Seiler, P. 971, 973(108), 977  
 Seinfeld, J.H. 922(218, 219), 926  
 Seip, H.M. 40(84), 63  
 Seip, R. 5(38c), 21, 33, 52(26), 62  
 Seitz, B. 877(32), 886  
 Seitz, S.P. 420(166a), 474  
 Seki, K. 181(88), 256  
 Seki, T. 123(32), 147  
 Sekino, H. 16(94), 22  
 Sellén, M. 666(41), 680  
 Sellers, H. 27, 28(7), 61  
 Sellers, H.L. 37(58), 63  
 Sellner, I. 49(128), 64  
 Seltzer, S. 379(77), 470, 808(80), 863  
 Selvakumar, N. 465(308f, 308g), 480  
 Semenov, S.G. 179(41), 255  
 Semenovskii, A.V. 921(205), 926  
 Semmelhack, M.F. 42(95), 63, 180, 183(63),  
   184(63, 155), 225, 228(63), 255, 258,  
   432(202a), 476, 903(81), 924  
 Semple, T.C. 161(71), 171  
 Senderoff, S.G. 832(153), 865  
 Senogles, E. 623(15, 16a), 624(15, 16a, 16b),  
   650  
 Sequin, U. 453(276d), 479  
 Sera, A. 548(10, 11), 553, 554, 556(31),  
   558(49), 564(11), 583(111), 611–614  
 Serebryakov, E.P. 598(162), 616  
 Serhan, C.N. 783(24), 862  
 Serico, L. 783, 805, 809, 834(27), 862

- Serini, A. 896(38), 923  
 Serrano-Andrés, L. 4, 8(30), 11(49, 50, 59, 62),  
 12, 13(30, 49, 62), 14(30), 21, 22  
 Sestini, F. 281(40c), 321  
 Severance, D.L. 17, 20(126), 23  
 Shackleton, T.A. 639(73, 76), 651  
 Shakarami, N. 639(78), 651  
 Shani, A. 407(150b), 473  
 Shanley, E.S. 902(71), 923  
 Shapiro, R.H. 377(68a, 68b, 69a), 378(69a),  
 469  
 Sharma, D.K.S. 99(92), 110  
 Sharma, G.V.M. 453(276c), 479  
 Sharma, R.B. 99(92), 110  
 Sharp, L.J.IV 308(99a), 323  
 Sharpless, K.B. 897(44–46), 907(106, 107),  
 909(116), 910(120), 923, 924  
 Shatenstein, A.J. 745(50), 751  
 Shaw, B.L. 654(11), 662(11, 31a, 31b),  
 677(61a), 679–681  
 Shaw, K.B. 807(79), 863  
 Shawe, T. 533(103), 546  
 Shea, K.J. 407(156b), 473  
 Shealy, Y.F. 895(32), 923  
 Sheldon, R.A. 902, 906(72), 913(144), 923,  
 925  
 Sheldrick, W.S. 609(194), 617  
 Shellberg, W.E. 339(76), 355  
 Shelton, D.P. 15, 16(90), 22  
 Shen, T.Y. 827(145), 864  
 Shen, Y. 412(159a, 160), 413(160), 473  
 Sheng, M.N. 907(101), 924  
 Sheng, S.J. 183(119), 257  
 Sheppard, N. 158(46), 170, 486(11, 12), 487,  
 488(11), 504  
 Sheridan, J.B. 315(112b), 324  
 Sheridan, R.S. 81(35a), 107  
 Sherman, M.I. 809(86), 863  
 Sheu, J.-H. 457(292), 479  
 Shevchenko, V.P. 813(97, 98), 818(103), 863  
 Shevlin, P.B. 336(30), 354  
 Shi, L. 412(161a, 161b, 162a, 162b),  
 413(161a, 162a), 414(162a, 162b), 473  
 Shi, Y. 436(225), 477  
 Shibasaki, H. 799(52, 54), 862  
 Shibasaki, M. 415, 422(171f), 474, 793(45),  
 862  
 Shibata, Y. 388, 392(97b), 433(215d), 471, 476  
 Shibutami, M. 428, 429(190e), 475  
 Shibuya, M. 368, 369(31c), 468  
 Shida, N. 538(110), 546  
 Shida, S. 341, 343(80, 81), 356  
 Shida, T. 232(226, 228, 230), 236(240, 249,  
 258, 261, 262), 237(240, 258, 261, 282),  
 248(249), 249(240), 259–261, 335(23),  
 338(54), 354, 355  
 Shier, G.D. 678(62), 681  
 Shigematu, K. 445(251), 478  
 Shigemori, H. 308(96), 323  
 Shih, C. 633, 640(62), 651  
 Shih, C.N. 183, 184(128), 257  
 Shih, Y.-N. 642(85), 652  
 Shilton, R. 155(30), 170  
 Shim, H. 4–6(35), 21  
 Shima, K. 297(76a, 76b), 298(77d, 80a, 80b),  
 322  
 Shimada, K. 837(162), 865  
 Shimada, T. 832(155), 865  
 Shimanouchi, T. 152(17), 170  
 Shimazaki, T. 446, 448(257d), 478  
 Shimizu, T. 272(20), 320  
 Shimoji, K. 633, 640(62), 651  
 Shimokoshi, K. 338(57), 355  
 Shine, H.J. 228(217), 259, 848(196), 854(196,  
 212, 214), 855(212, 224, 227), 866  
 Shing, T.K.M. 409(154f), 473  
 Shimmyozu, T. 338(55), 355  
 Shinsaka, K. 335(25), 339(73), 354, 355  
 Shioiri, T. 424, 425(179e), 475  
 Shiotani, M. 338(55), 355  
 Shiozaki, M. 289(60a), 322  
 Shipman, J.J. 720(62), 732  
 Shirahama, H. 910(125), 925  
 Shirakawa, H. 166(103, 107, 119), 167(122),  
 168(107), 169(124), 172  
 Shirk, J.S. 313(108a), 324  
 Shiro, M. 569(74), 613  
 Shishibori, T. 788(36), 862  
 Shishido, K. 802, 803(71), 863  
 Shiuey, S.-J. 415, 421(171d), 474  
 Shkurko, O.P. 745(50), 751  
 Shono, T. 754(2, 3), 755(4), 756(6), 758(4,  
 10), 759(11, 12), 764(13), 765(14), 768(17),  
 770(21), 772(25, 26), 773, 774  
 Shooleary, J.N. 361(15), 467, 892(8), 922  
 Short, K. 315(118), 324  
 Short, K.M. 315(112a), 324  
 Shram, S.I. 813(97, 98), 863  
 Shreve, A.P. 243(298), 261  
 Shrivastava, S. 907(103), 924  
 Shu, A.Y.L. 831(150), 832(150, 153), 865  
 Shumate, K.M. 508(4), 544  
 Sibilita, J.P. 162(83), 171  
 Sica, D. 898(52), 923  
 Sichert, H. 49(128), 64  
 Sicking, W. 17, 20(127, 128), 23, 337(48),  
 355, 558(48), 612  
 Sickle, D.E.van 851, 852(206), 866  
 Sieber, R. 653(1a), 679  
 Siebert, F. 150, 151(14), 170  
 Sieburth, S.M. 455(282c), 479  
 Sieburth, S.McN. 306(90a), 308(102),  
 309(103a, 103b), 310(104), 311(103b), 323  
 Siegbahn, H. 175(8), 254

- Siegel, T. 825, 826(129), 864  
 Siehl, H.-U. 870(4), 881(39), 886, 887  
 Siepert, G. 90(64), 108  
 Siggel, L. 264(4a, 4b), 319  
 Sigwart, C. 182, 184(108), 256  
 Silbey, R. 157(43), 170  
 Silbey, R.J. 166–168(97), 171  
 Silverberg, E.N. 344(94), 356  
 Silverberg, L. 36(53), 62  
 Silversmith, E.F. 54(161), 65  
 Silverstein, R.M. 454, 455(278c), 479  
 Sim, G.A. 265(8), 319  
 Simkin, B.Ya. 717, 722(55), 732  
 Simmons, D.P. 465(309b), 480, 520(58), 545  
 Simmons, H.E. 42(94), 63, 562(61), 613  
 Simon, E. 622(12), 650  
 Simon, W. 394, 396(106a), 471  
 Simonetta, M. 45(105–108), 64  
 Simons, J. 3(11), 21  
 Simonsen, J.L. 281(40d), 321  
 Simpkins, N.S. 388(99), 471  
 Simpson, G.A. 232(227a), 259  
 Simpson, J.H. 445(250), 478  
 Simpson, N. 824, 826(123), 864  
 Simpson, R.E. 801, 802(57), 862  
 Sims, L.B. 855(217), 866  
 Sinclair, R.S. 237, 238, 245(287), 261  
 Singelin-Schmid, R.S. 298(77b), 322  
 Singh, O.M. 463(303b), 480  
 Singh, R.L. 527(77), 545  
 Sinha, S.C. 898(47, 48), 923  
 Sinha-Bagchi, A. 898(47, 48), 923  
 Sinke, G.C. 89(59), 108  
 Sinotova, E.N. 869(3), 886  
 Sioda, R.E. 642(82), 651  
 Sipos, W. 44(103, 104), 64  
 Sisman, O. 350(131), 357  
 Sit, S.Y. 827(142), 864  
 Sita, L.R. 910(121), 924  
 Sivignac, M. 433(210b), 476  
 Skancke, A. 39(75), 52(142), 53, 54(75), 63, 65  
 Skeean, R.W. 531(92), 545  
 Skelton, B.W. 182(109), 257  
 Skinner, W.A. 627, 631, 636(30), 650  
 Skov, H. 339(67), 355  
 Slagel, R.C. 921(212), 926  
 Slawin, A.M.Z. 576(94a, 94c, 94e), 614  
 Slayden, S.W. 69(1), 89(63), 95(74), 104, 108, 109  
 Sloop, J.C. 417(164e), 474  
 Smakula, A. 155(35, 36), 156(36), 170  
 Smaldone, D. 898(52), 923  
 Smidt, J. 653(1a), 679  
 Smirnova, N. 72(16), 105  
 Smirnova, T.N. 350(137), 357  
 Smit, A. 380(78), 470  
 Smith, A.B.III 415(170), 440, 443(245a), 474, 477  
 Smith, A.C.B. 920(203), 926  
 Smith, A.L. 438(226a), 477  
 Smith, B.J. 738(20), 750  
 Smith, C.M. 313(110a, 110b), 324  
 Smith, D.B. 582(107a), 614  
 Smith, D.R. 576(94c), 614  
 Smith, G.M. 561(65), 613  
 Smith, H.A. 81, 88(38), 107  
 Smith, H.E. 845(180, 183), 865  
 Smith, H.G. 268(12b), 320  
 Smith, K.J. 917(171), 925  
 Smith, K.M. 514(35), 544  
 Smith, N.K. 81(42a, 42b), 107  
 Smith, R.L. 827(144), 864  
 Smith, S.C. 423(172b), 474  
 Smithers, R. 673(57c), 681  
 Snell, W. 184, 250(148), 257  
 Snieckus, V. 518(46), 544  
 Snyder, J.P. 549(22a), 612  
 Sobrio, F. 819, 820(109), 864  
 Söderberg, B.C. 661(30), 680  
 Soderquist, J.A. 439(238a, 238b), 477  
 Sodupe, M. 17, 19, 20(107, 108, 111), 22, 23  
 Sojka, S.A. 179, 180, 211(17), 254  
 Solarz, T.L. 906(100), 924  
 Solladie, G. 371(41–45), 468  
 Solomon, V.C. 518(47), 544  
 Sólyom, S. 535(105, 106), 546  
 Sommer, R. 627, 631, 634(37), 650  
 Sommer, T.J. 264(2c), 319  
 Somoano, R. 352(141), 357  
 Sondheimer, F. 101, 102(96), 110, 155(29), 170, 366(27), 468  
 Song, K. 11(46), 13(46, 68), 21, 22, 157(42), 170  
 Song, Z.Z. 587(118a), 615  
 Sonnet, P.E. 372(47c), 469  
 Sonnewald, U. 808(80), 863  
 Sonney, J.M. 134(42), 147  
 Sonntag, C.von 326(8), 329, 330(14), 331(14, 17), 332(17), 333(19), 334(17), 354  
 Sonoda, A. 432(207a), 476  
 Sonoda, T. 883(40), 887  
 Sonogashira, K. 438(227), 477  
 Sordo, T.L. 17, 20(130), 23  
 Sorensen, E.J. 642(86), 652  
 Sorgi, K.L. 907(111), 924  
 Sosa, C.P. 17, 18(99), 22  
 Sosnovsky, G. 648(93), 652  
 Sotiriou-Levitinis, C. 627(27), 650  
 Souchet, M. 666(44), 680  
 Soulent, R.L. 772(24), 774  
 Southworth, S. 184, 250(150), 257  
 Souto, A.A. 423(172a), 474

- Spanget-Larsen, J. 43(98b), 63, 180(65), 181(65, 99, 100), 183(127), 184(140), 185(99), 213(194, 195), 255–257, 259
- Spangler, C. 8(42), 21, 34(40), 62
- Spangler, C.W. 34(39), 62, 155(31, 33, 37), 170, 366(29d), 468
- Spangler, R.J. 514(38a, 38b), 544
- Spanguet-Larsen, J. 215(198), 259
- Spear, K.L. 415, 421(171c), 474
- Spear, R.J. 881(36), 886
- Specht, H. 237, 250(283), 261
- Speck, J. 808(83), 863
- Speers, P. 739(31), 750
- Spellmeyer, D.C. 43(98c), 63, 394(108a), 471
- Spence, G. 308(100b), 323
- Spiegel, B.I. 452(269e), 478
- Spinks, J.W.T. 325(2), 354
- Spinner, M.E. 920(203), 926
- Spinno, C. 406(148), 472, 894(21), 922
- Spirikhin, L.V. 431(198b), 476
- Sprague, J. 749(67), 751
- Sprecher, H. 778(7), 780(11), 861
- Sprikhin, L.V. 907(105), 924
- Springall, H.D. 101, 102(96), 110
- Spurr, P.R. 252(309), 261, 466(312a), 480
- Squillacote, M.E. 81(35a), 107, 161(71), 171
- Squires, R.R. 736(14), 737, 740(15), 750
- Srebrolskii, Yu.I. 875, 877(29), 886
- Sridharan, V. 433(212b), 436(221), 476, 477
- Srikrishna, A. 308(95), 323, 406(147), 472
- Srinivasachar, K. 308(101e), 323
- Srivasta, S. 565(70), 613
- Srivastava, P.C. 846(188), 865
- Srivastava, S. 947(55, 56), 975
- Staab, E. 911(129), 925
- Stacino, J.P. 376(60, 61), 469
- Stadelmann, J.-P. 179(22), 255
- Staemmler, V. 627(28), 650
- Stäheli, R. 964, 967(92), 976
- Stahl, D. 180(74), 256
- Stähle, M. 746, 747(54), 751
- Staley, D.L. 36(53), 62
- Staley, S.W. 41, 42(91), 51, 52(139), 63, 64, 179(38), 255
- Stamm, R.F. 627, 636(31), 650
- Standen, M.C. 338(64), 355
- Stanford, R.H.Jr. 40(81), 63
- Stang, P.J. 57(170), 65, 869(1), 886, 947(46, 48, 52), 975
- Stanop, B. 415, 421, 460(171b), 474
- Stanton, R.V. 17, 18(97), 22, 855(221), 866
- Stark, B.P. 401(132b), 472
- Stark, H. 399(124f), 472
- Starr, M.P. 494(23), 505
- Starrett, J.E.Jr. 417(164c), 473
- Stashina, G.A. 598(162), 616
- Stasko, A. 352(145, 146), 357
- Stauffer, R.D. 466(313a), 480
- Stec, W.J. 415(163d), 473
- Steckhan, E. 753, 757(1), 773
- Steele, W.V. 81(42a, 42b), 107
- Stefanov, B.B. 32(25), 62
- Steffen, J. 535(105), 546
- Stegemann, J. 38, 39(69), 63
- Stehling, L. 951(69), 958(80), 976
- Stein, S.E. 73(18), 89(62), 105, 108
- Steiner, E. 631, 634(58), 651
- Steinmüller, S. 141(50e), 147
- Stelter, H. 379(76c), 470
- Stenger, V. 341(79), 356
- Stenmark, K.R. 783(25), 862
- Stern, M. 855(218), 866
- Stewart, A.W. 702, 704(33), 731
- Stewart, C.A.Jr. 558, 559(50), 613
- Stewart, E.L. 38(67), 39(77), 63
- Stewart, J.J.P. 630(48), 651
- Stewart, J.P. 32(25), 62
- Stewart, S.K. 447(260), 478
- Stigliani, W.M. 51(134), 64
- Still, I.W.J. 288(55a), 322
- Still, W.C. 834(158), 865
- Stille, J.K. 433(215b), 439(235a, 235b, 236a, 242b), 440(236a, 242b, 246a), 441(236a), 442(242b), 444(246a), 445(250), 476–478, 509(10), 544
- Stiller, E.T. 361(13a), 467
- Stinson, S.C. 319(121), 324
- Stock, L.M. 687(11), 731
- Stockburger, M. 150, 151(12), 170
- Stoddart, J.F. 576(94a–e), 577(95), 614
- Stoeckenius, W. 808(81, 82), 863
- Stoessel, S.J. 433(215b), 476
- Stoicheff, B.P. 158(46), 170
- Stokker, G.E. 827(144), 864
- Stolle, W.T. 842(175), 865
- Stoller, H.-J. 394, 396(106a), 471
- Stone, G.B. 371(42–45), 468, 670(53), 680
- Stone, M.P. 905(94), 924
- Storer, J. 854(210), 866
- Storer, J.W. 17, 18, 20(104), 22, 852–854(207), 866
- Stork, G. 405(140), 472, 523(64–66), 532(98), 545, 546, 627, 640(41), 651
- Stork, L. 756(7), 774
- Stover, E.D. 341(86), 356
- Stradowska, E. 335(24), 354
- Strahan, G.D. 159(67), 171
- Strange, J.H. 46(113), 64
- Stransky, W. 459(299c), 479
- Straub, R. 180, 183(70), 236, 237(257, 258), 249(257), 256, 260
- Strauss, E.S. 964(91), 976
- Strauss, H.F. 520(55, 58), 545
- Street, S.D.A. 388, 390(96c), 470

- Streith, J. 268, 313(14c), 320, 631, 634(58), 651  
Streitwieser, A. 174, 179, 199, 203, 213(2), 254, 734(4), 750  
Streitwieser, A.Jr. 40(83), 63, 734(6), 737(17), 739(6, 28, 32), 744(46), 748(66), 749(66, 68, 69), 750, 751  
Struchkov, Yu.T. 52(141), 65  
Stubbs, J.W. 871(16), 886  
Stuhl, O. 424(178d), 475  
Stull, D.R. 89(59), 108  
Sturzenbecker, L.J. 808(83), 863  
Sturzenegger, V. 138(47b), 147  
Suárez, D. 17, 20(130), 23  
Subba Rao, G.S.R. 465(308c, 308f–h), 480  
Subba Rao, H.N. 276(30a), 320  
Subotkowski, W. 854(212), 855(212, 224), 866  
Subramanian, L.R. 869(1), 870(7), 877(33), 886  
Sudborough, J.J. 689–692(22), 702(31), 731  
Suenram, R.D. 52, 53(145), 65  
Suetomo, S. 569(74), 613  
Suffert, J. 433(215c), 476  
Suffness, M.I. 532(95), 545  
Suga, T. 788(35, 36), 818(107), 862, 863  
Sugathapala, P. 315(116b), 324  
Sugden, T.M. 208(180), 258  
Sugimoto, K. 388(98b), 471  
Sugimoto, R. 919(185), 926  
Sugimoto, T. 57(176), 58(183), 65, 940–942(27), 953(70, 71), 961(70), 963(86–89), 965(98), 975, 976  
Suginome, H. 446, 448(257a, 257b), 478  
Sugioka, T. 308(101i), 323  
Sugiura, S. 797, 798(51), 862  
Sugiyama, S. 555(38), 579(99), 580(101a, 101b), 595(151), 596(151, 155), 600(168), 601(171), (153), 612, 614, 616  
Suh, H. 382, 384(83e), 470  
Suhadolnik, J.C. 910(122), 924  
Sukirthalingam, S. 433(212b), 436(221), 476, 477  
Sullivan, E.L. 289(57e), 322  
Sulzbach, H.M. 940(26b), 975  
Sum, P.-E. 417(164c), 473  
Sumi, H. 561(63c), 613  
Sumitani, K. 452(271), 478  
Sun, G.-Z. 906(99), 924  
Sun, J.D. 778(4), 861  
Sun, Y.-P. 81(35c), 107  
Sunami, M. 289(56), 322  
Sunderbabu, G. 308(95), 323  
Sunkitsa, I.L. 346, 347(105), 356  
Surya Prakash, G.K. 881(37, 38), 887  
Suryawanshi, S.N. 906(97), 924  
Suslick, K.S. 899(57), 923  
Süss, H.U. 213(194), 259  
Sussman, S. 895(27, 28), 923  
Sustmann, R. 17, 20(127, 128), 23, 337(48), 355, 379(76d), 470, 558(48), 612, 627(29), 650, 718(59), 732, 967(103), 976  
Sutbeyaz, T. 914(149), 925  
Sutbeyaz, Y. 915(155), 925  
Suter, A.K. 877(30), 886  
Sutherland, I.O. 910(118), 924  
Sutin, L. 658(23, 24), 680  
Suzuka, H. 834(156), 865  
Suzuki, A. 446(254a–c, 257a–c, 258a, 258b), 447(259), 448(257a–c), 449(268a–c), 478  
Suzuki, G. 840(171), 865  
Suzuki, H. 113, 114(6a), 146, 397(116b), 471, 919(185), 926  
Suzuki, K. 387(90, 92, 93), 470  
Suzuki, S. 368(33c), 388(100), 468, 471  
Suzuki, T. 344(95), 356, 397(116a), 398(117a, 117b), 471, 586(113), 614, 678(64), 681  
Suzuki, Y. 404(137b), 472  
Svärd, H. 827(140), 864  
Sverdlov, L.M. 158(57), 171  
Swain, C.J. 388, 389(96b), 470  
Swallow, A.J. 325(3), 354  
Swaminathan, S. 875(28), 886  
Swarbrick, T.M. 401(131a), 472  
Sward, K. 433(215b), 476  
Sweigart, D.A. 210, 211(185), 258  
Swenton, J.S. 562(57), 613  
Swern, D. 497, 498(32), 505, 901(68, 69), 902(69), 923  
Swieton, G. 549(23), 594(148), 609(23), 612, 615  
Swigor, J.E. 827(143), 836(161), 864, 865  
Sydnes, L.K. 36(48), 62  
Sykes, B.D. 498(41), 505  
Szabo, A. 3(9), 20  
Szabo, S. 832(154), 865  
Szalay, P.G. 4(16), 11, 13(54, 55), 21, 158(62), 161(74), 162(62, 92), 166(62), 171  
Szczeklik, A. 793(46), 862  
Szeimies, G. 57(169), 65, 949(58, 59), 956(77), 975, 976  
Sztainbuch, I.W. 153(28), 170  
Szwarc, M. 620, 621(5), 650  
Taagepera, M. 851(205), 866  
Tabata, Y. 350(136), 357  
Taber, D.F. 513(32), 540(117a), 544, 546, 780(10, 12), 861  
Tadano, K. 837(162), 865  
Taft, R.W. 687(13), 688(14–16), 705(41), 731  
Taft, R.W.Jr. 207(177), 258  
Taga, T. 840(170), 865  
Tagaki, M. 660(27), 680  
Taguchi, H. 446, 448(257d), 478  
Takagi, K. 432(202c, 203), 476

- Takagi, W. 453(275b), 479  
 Takahashi, H. 655(12), 679  
 Takahashi, J. 236, 237(258), 260  
 Takahashi, K. 937(18), 939(21, 22), 943(18, 21), 945(21, 22), 974, 975  
 Takahashi, T. 435(216), 452(269b), 476, 478  
 Takai, T. 916(167), 925  
 Takaku, T. 840(171), 865  
 Takamuku, S. 337(39), 338(53, 63), 341(78, 82, 83), 355, 356  
 Takano, S. 910(126), 925  
 Takashita, A. 313(109c), 324  
 Takayama, H. 397(116a, 116b), 398(117a, 117b), 471, 586(113), 614  
 Takayangi, T. 338(57), 355  
 Takeda, N. 282(47c), 321  
 Takeda, T. 904(84), 924  
 Takemasa, T. 405, 418(143), 420(166b), 472, 474  
 Takemura, H. 338(55), 355  
 Takemura, K.H. 582(107a), 614  
 Takemura, Y. 338(54), 355  
 Takenchi, H. 5, 6(39), 21  
 Takeshita, H. 287(52b), 321, 428(190a), 475, 555(38), 579(98, 99), 580(100, 101a, 101b), 581(102, 104a, 104b, 105, 106), 588(123), 595(151, 154), 596(151, 155, 156), 600(168), 601(171), (153), 612, 614–616  
 Taketo, M. 809(86), 863  
 Takeuchi, H. 158, 159, 161(60), 162(60, 84), 164(84), 166(60, 84, 107, 119), 167(122), 168(60, 107), 171, 172  
 Takeuchi, K. 936, 941(12), 974  
 Takigawa, T. 404(137a), 472  
 Talapatra, G.B. 15, 16(81), 22  
 Tam, K.-F. 402(133b), 472  
 Tam, P. 860(238), 867  
 Tamai, T. 338(53), 355  
 Tamao, K. 452(271), 478  
 Tamelen, E.E.van 525(69), 532(69, 95, 96), 545  
 Tamis, I. 213(191), 259  
 Tamura, N. 350(136), 357  
 Tanaka, H. 498(35), 505, 840(170), 865, 912(137), 925  
 Tanaka, K. 57(173), 65, 466(315), 480, 945, 954(41), 975  
 Tanaka, M. 440, 444(246a), 477  
 Tanaka, N. 388, 392(97b), 471, 802(62), 862  
 Tanaka, S. 837(162), 865, 907(107), 924, 949(65, 66), 950(66), 951, 952(65, 66), 953(66), 965(65, 66), 976  
 Tanaka, T. 794, 795(48), 797(50, 51), 798(51), 813(95), 862, 863  
 Tang, B.Z. 353(148–150), 357  
 Tang, W. 31(13), 61, 158, 159(65), 171, 236(242, 246), 237, 238(246), 245(242, 246), 248(302), 249(246), 260, 261  
 Taniguchi, H. 870(8), 871(18), 872(22), 873(23), 883(40, 41), 886, 887  
 Tanko, J. 278(34b), 321  
 Tanner, D. 415, 421, 460(171b), 474, 666(41), 680  
 Tanoury, G.J. 450(261a), 478  
 Tao, F.-G. 906(99), 924  
 Tao, Y. 408(154c), 473  
 Tarakanova, A.V. 74, 81(20), 105  
 Tarasova, N.V. 158(57), 171  
 Tarbit, B. 458(295), 479  
 Tardy, D.C. 18(132c), 23  
 Tartakovski, E.E. 337(46), 355  
 Tarutani, S. 939(21, 22), 943(21), 945(21, 22), 975  
 Tashtoush, H.I. 337(48), 355  
 Taskinen, E. 81(40, 41), 83(43), 107  
 Tassell, R.I.van 822(117, 118), 864  
 Tasumi, M. 5, 6(39), 13(69), 21, 22, 151(15), 152(18), 153(26), 158, 159(60), 161(60, 78), 162(60, 84, 93, 94), 163(93), 164(84, 93, 94), 165(93, 94), 166(60, 84, 93, 98, 99, 103, 113, 121), 168(60, 93, 98, 99), 169(98, 99, 126), 170–172  
 Tatevskii, V.M. 158(52), 170  
 Taticchi, A. 566(71), 592(140), 593(143), 613, 615  
 Tatlow, J.C. 717(56), 732  
 Tatsuno, T. 272(20), 320  
 Tavan, P. 14(75), 22  
 Taylor, C.A.Jr. 845(182), 865  
 Taylor, E.C. 308(100a, 100b), 323  
 Taylor, G.N. 181(79), 256  
 Taylor, J.W. 207(176), 258  
 Taylor, P.R. 3(10), 21  
 Taylor, R.F. 503(52), 505  
 Taylor, R.J.K. 459(297, 298, 299a, 300a–d), 461(299a, 300a, 300b), 462(300c, 300d), 479  
 Taylor, W.H. 51, 52(139), 64  
 Teasley, M.F. 919(181), 926  
 Tebbe, F.N. 426(184a), 475  
 Tedder, J.M. 620, 631(3), 650  
 Tedjo, E.M. 374(50), 469  
 Tegenfeldt, J. 658, 660(25), 680  
 Teles, J.H. 599(164), 603(190), 616, 617  
 Telfer, A. 243(297), 261  
 Tenaglia, A. 657(20), 680  
 Teng, H.H.-I. 229, 230(219), 236, 248(267), 259, 260  
 Terakado, M. 859(235), 867  
 Teramae, H. 166, 169(118), 172  
 Terando, N.H. 841(173), 865  
 Teranishi, S. 907(109, 110), 924  
 Terasaki, M. 379(74a), 469

- Terekhova, M.J. 745(50), 751  
 Terem, B. 642(82), 651  
 Terenin, A.N. 175(6), 254  
 Tereshin, I.M. 361(13c), 467  
 Termer, J. 150, 151(10), 170  
 Terris, A. 17, 19, 20(114), 23  
 Testa, B. 802(64), 862  
 Teuerstein, A. 971(106), 977  
 Tezuka, T. 313(109d), 109f, 109h, 324  
 Thaler, W.A. 627, 631, 632, 634(34), 650  
 Thebtaranonth, C. 507(2), 544  
 Thebtaranonth, Y. 507(2), 544  
 Thiel, W. 183(130), 184(146), 257  
 Thiele, G. 734(4), 748(70), 750, 751  
 Thieme, P.C. 407(153), 473  
 Thirion, G. 141(52a), 147  
 Thomas, A.F. 901(66), 923  
 Thomas, B.R. 896(37), 923  
 Thomas, E.W. 907(108), 924  
 Thomas, J.K. 328(11), 354  
 Thomas, M.J. 639(72, 73), 651  
 Thomas, R. 415(163a), 473  
 Thomas, R.M. 606(185a), 616  
 Thommen, W. 511(27), 544  
 Thompson, A.S. 415(170), 474  
 Thompson, G.L. 181, 184, 185(95), 256  
 Thompson, L.M. 831(151), 865  
 Thompson, T.B. 745–747(45), 751  
 Thomsen, D.S. 900(60), 923  
 Thomson, A.J. 138(47a), 147  
 Thoren, S. 405(141a), 472  
 Thornton, E.R. 802(62), 851(205), 862, 866  
 Thrash, R.J. 157(41), 170  
 Thuillier, A. 636(66), 651  
 Thynne, J.C.J. 621, 631(9), 650  
 Tian, G.R. 579(99), 614  
 Tichy, M. 81, 88(39), 107  
 Tideswell, J. 415, 421(171d), 474  
 Tidwell, T.T. 717(57), 732  
 Tiedemann, R. 493(18), 504  
 Tieszen, D. 627, 631, 636(30), 650  
 Tietze, L.F. 379(76a, 76e), 470, 519(52, 53),  
     545, 590(129a–d, 130), 594(145), 604(182),  
     605(183), 615, 616  
 Timmermans, J. 46(114), 64  
 Timmins, G. 4, 7(28), 21, 179(31, 32), 255  
 Timofeeva, L.P. 74, 81(20), 105  
 Timpanaro, P.L. 871(14), 886  
 Tipker, J. 708(48), 731  
 Tirrell, D.A. 623, 624(15, 16a), 650  
 Titowa, A.N. 892(7), 922  
 Tkachenko, L.I. 352(142), 357  
 Tochtermann, W. 898(51), 923  
 Toda, F. 57(173), 65, 466(315), 480, 945,  
     954(41), 975  
 Toh, H.T. 415, 421(171d), 474  
 Tohm, S.M. 440, 444(246c), 477  
 Toki, S. 297(76a), 298(80a), 322, 337(39),  
     338(63), 355  
 Tokue, I. 51(132), 64  
 Tokumoto, H. 827(141), 864  
 Tolbert, L.M. 749(72), 751  
 Tolstikov, G.A. 397(116c), 431(198b), 471,  
     476, 496(30), 497(30, 34), 505, 907(102,  
     105), 920(204), 921(205, 206), 924, 926  
 Toma, L. 409(154d), 473  
 Tomaselli, G.A. 910(119), 924  
 Tomer, K. 377, 378(69a), 469  
 Tomioka, T. 18(132a), 23  
 Tomita, N. 872(22), 886  
 Tomiyama, T. 832(155), 834(156, 157, 159),  
     865  
 Tomokawa, J. 872(21a, 21b), 886  
 Toneman, L.H. 38(62, 64), 63  
 Topol, I.A. 4(34), 21  
 Tora, T. 797(50), 862  
 Torii, H. 13(69), 22, 162, 164, 165(94),  
     166(99, 121), 168, 169(99), 171, 172  
 Torimitsu, S. 895(31), 923  
 Torisawa, Y. 793(45), 862  
 Török, F. 162, 164(87), 171  
 Torrado, A. 446, 451(257g, 257h), 478  
 Tortajada, A. 381(81a, 81b, 82), 470  
 Toshima, H. 410(155b), 473  
 Toshimitsu, A. 528(83), 545  
 Tost, W. 590(129a, 129b, 130), 615  
 Toto, J.L. 4, 9, 10(37), 15, 16(88), 21, 22  
 Tottie, L. 658(22, 25), 659(22), 660(25), 680  
 Toungle, B.A. 14(74), 22  
 Tounoul, E. 642(83), 652  
 Tour, J.M. 541(121), 546  
 Toussaint, J.M. 14(76), 22  
 Towns, T.G. 53(153), 65  
 Townsend, D.E. 308(101c), 323  
 Townsend, P.D. 243, 246(300), 261  
 Toyota, A. 181, 184, 185(92), 256  
 Trabert, L. 945, 954(39), 955(39, 76), 956(78),  
     958(39), 975, 976  
 Trachtman, G.P. 35, 36(46c), 62  
 Trachtman, M. 158(61), 171  
 Traetteberg, M. 4(32, 33), 5(38a), 7(32, 33),  
     8(38a, 43), 21, 33(31, 33), 34(36–38),  
     35(43), 36(47–49, 51), 38(65, 66, 68,  
     71, 72), 39(68), 42(92), 53, 54(152), 58,  
     60(182), 62, 63, 65, 158(45), 161(80),  
     162(82), 163(95), 170, 171  
 Trager, W.F. 802(64), 862  
 Tramell, G.L. 531(92), 545  
 Trautman, J.K. 243(298), 261  
 Trautmann, W. 180, 181(51), 255  
 Traylor, T.G. 179(30), 255  
 Trehan, I.R. 513(31), 544  
 Tressl, R. 791(40), 862  
 Trifunac, A.D. 337(41–43, 45, 46), 355



- Van Velzen, P.N.T. 236(248), 260  
 Van Verth, J.E. 738(21), 750  
 Van Wijk, A.M. 770(22), 774  
 Varga, D.M. 791(42), 862  
 Varma, M. 846(188), 865  
 Varma, R.S. 846(186, 188), 865  
 Vasil'vitskaya, E.N. 598(162), 616  
 Vasylyvtiskaya, E.M. 552(30), 612  
 Vater, H.-J. 402, 403(134d), 472  
 Vaughn, W.E. 81, 88(38), 107  
 Vedejs, E. 374(52e), 407(151b), 415,  
     421(171c), 423(173a, 173b), 430(191), 469,  
     473–475, 511(18), 544  
 Vel'der, Ya.L. 431(198b), 476  
 Ventura, M. 17, 19, 20(113, 114), 23  
 Venturell, C. 912(138), 925  
 Venturini, A. 17(95), 22  
 Verboom, W. 404(138), 472  
 Verhoeven, T.R. 433(208e), 476  
 Verkade, P.E. 687(12), 731  
 Verloop, A. 708(48), 731  
 Vermeer, P. 52(143), 65, 439(241a), 477  
 Vernon, P.G. 408(154c), 473  
 Verpeaux, J.-N. 376(61), 469  
 Vetter, W. 493(19), 505, 783(30), 862  
 Vidyasagar, V. 565(70), 613  
 Vietmeyer, N.D. 377, 378(69a), 469  
 Vig, O.P. 513(31), 544  
 Vilessov, F.I. 175(6), 254  
 Vilkov, L.V. 51(135), 64  
 Villar, H.O. 4(12), 21, 31(15–17), 35(17), 61,  
     166(109), 172  
 Villieras, J. 457(290), 479  
 Viola, F. 823(121), 864  
 Violette, C.A. 243(298), 261  
 Virkar, S.D. 374(53), 469  
 Visser, G.W. 404(138), 472  
 Vitale, M. 561(63b), 613  
 Vittinghoff, K. 873(24b), 886  
 Vituskin, N.I. 346, 347(105), 356  
 Vliegenthart, J.F.G. 917(172), 925  
 Vogel, E. 179, 183(47), 185(47, 165), 255,  
     258, 510(13), 544, 574(91), 614  
 Vogel, P. 134(42, 43), 147, 180, 181(67),  
     184(158), 185(163), 256, 258  
 Vogelsanger, B. 46(118), 64  
 Vogler, H. 602(176), 616  
 Vogt, J. 931(5), 974  
 Vogtle, F. 408(154b), 473  
 Voigt, K. 433(213), 434(209b), 476, 609(196),  
     617  
 Volhardt, K.P.C. 183(130), 184(146), 257,  
     366, 367(28c), 399(124c), 468, 472,  
     517(43), 544, 964(91), 976  
 Volpp, W. 920(193, 198), 926  
 Volz, W.E. 180(71), 256, 367(28b), 468  
 Vonderwahl, R. 39(79), 63  
 Vonwiller, S.C. 918(180), 926  
 Vo-Quang, L. 723(68), 732  
 Vo-Quang, Y. 723(68), 732  
 Vornonkov, V.V. 180(73), 256  
 Vos, A. 51(129), 64, 780(11), 861  
 Voß, E. 590(130), 615  
 Vostrowsky, O. 407(150c), 459(299c), 473, 479  
 Vrbancich, J. 119(25), 147  
 Wacker, C.-D. 57(175), 65, 947(51), 975  
 Wada, A. 141(50d), 147  
 Wada, K. 379(74a), 428, 429(190f), 469, 475  
 Wada, N. 185(166), 258  
 Wada, Y. 464(305), 480  
 Wadsworth, W.S.Jr. 415(163b), 473  
 Waegell, B. 541(119), 546, 657(15–19),  
     658(16), 680  
 Wagman, D.D. 69(3), 104  
 Wagner, C.D. 339(75), 355  
 Wagner, G. 892(4), 922  
 Wagner, H.-U. 748(63, 64), 751  
 Wagner, P.J. 264(5), 296, 306(70), 319, 322  
 Wagner, R.D. 640(79), 651  
 Wagnière, G. 117(14), 120(14, 27, 29),  
     138(47b), 146, 147  
 Wagnière, G.H. 197(170), 258  
 Wagschal, K.C. 859(236), 867  
 Wahl, F. 252(310), 261  
 Wahlberg, I. 493(20), 505  
 Waitkus, P.A. 931(3, 4), 940(3), 974  
 Wakabayashi, S. 834(157), 865  
 Walba, D.M. 894(18, 22, 23), 922  
 Walborsky, H.M. 112(3), 136(44a–c, 45a,  
     45b), 137(45a, 45b), 146, 147, 371(40),  
     432(206a), 468, 476  
 Wald, G. 498, 499(38), 505  
 Walker, C.B. 894(23), 922  
 Wall, A. 374(54b), 469  
 Wallace, T.W. 402, 403(134e), 472, 508(5),  
     544  
 Wallach, O. 892(5, 6), 922  
 Walling, C. 598(161), 616, 627(22), 650  
 Wallis, C.J. 508(5), 544  
 Walsgrove, T.C. 565(68), 613  
 Walsh, A.D. 208(180), 258  
 Walton, J.C. 626(19), 650  
 Wan, P. 279(38c), 321  
 Wand, M.D. 894(18), 922  
 Wang, C.L.J. 377, 378(69c), 469  
 Wang, D. 539(115), 546  
 Wang, H.Q. 338(59, 60), 355  
 Wang, J.-q. 185(163), 209(183), 258  
 Wang, J.T. 183(133), 236(259), 237, 248,  
     250(278), 257, 260, 261, 337, 338(49),  
     355  
 Wang, K.K. 369(38), 424(183a–c), 468, 475

- Wang, Q. 904(82), 924  
 Wang, T.-L. 911(135), 912(136), 925  
 Wang, X. 911(131), 925  
 Wang, X.C. 364, 365(23e), 468  
 Wang, Y. 37(57), 63, 285(50), 321, 412,  
     414(162b), 473  
 Wang, Y.C. 49(126), 64  
 Wang, Z.-M. 897(44), 923  
 Wannowius, H. 895, 896(26), 923  
 Ward, D.L. 57(173), 65, 971(106), 977  
 Ward, H.R. 276(30c), 320  
 Ward, M.D. 942(32–34), 975  
 Ware, R. 280(39), 321  
 Warita, Y. 368, 369(31a), 468  
 Warmus, J.S. 514(34), 544  
 Warrell, D.C. 822(115), 864  
 Warren, S. 415(168a–d), 169a, 169b), 474  
 Warrior, U.S. 388, 391(96f), 470  
 Warschel, A. 153, 159, 161(22), 170  
 Wasiowich, C.A. 783(28), 862  
 Wasserman, H.H. 913(143), 914(148), 925  
 Wassink, B. 639(72), 651  
 Watanabe, H. 313(109c), 324  
 Watanabe, K. 797(50), 862  
 Watanabe, M. 272(21), 320  
 Watanabe, T. 402(135), 472  
 Watanabe, W.H. 854, 855(213), 866  
 Watanabe, Y. 379(74b), 415, 421(171c),  
     452(270), 469, 474, 478, 827(140, 141),  
     864  
 Watchtel, J.L. 361(13a), 467  
 Waterbeemd, H.van de 802(64), 862  
 Watkins, W.D. 831(148), 864  
 Watt, C.I.F. 409(154f), 473  
 Watthey, J.W.H. 510(11), 544  
 Watts, C.D. 494(24), 505  
 Watts, J.D. 4(12), 21, 31(16), 61, 166(109),  
     172  
 Watts, W.E. 874(27), 886  
 Wautelet, M. 185(168), 258  
 Waykole, L. 45(110), 64, 181, 185(98), 256  
 Waymouth, R.M. 539(115, 116), 546  
 Weast, R.C. 720, 723(63), 732  
 Weaver, S.L. 594, 595(149), 616  
 Webb, G. 820(110), 864  
 Webb, T.R. 179, 180(28), 255  
 Weber, B.A. 917(170, 171), 925  
 Weber, K. 252(310), 261  
 Webster, O.W. 566, 570(80), 613  
 Wedinger, R. 597, 599(166), 600(167), 616  
 Weedon, B.C.L. 642(82), 643(81d), 651,  
     834(160), 865  
 Weenan, H. 917(170), 925  
 Wege, D. 570(89), 614  
 Wegener, S. 578(96), 614  
 Wegner, G. 343(93), 356  
 Wehrli, P. 276(31b), 320  
 Wehrli, P.A. 394, 396(106a), 471  
 Weider, R. 574(91), 614  
 Weidmann, K. 182, 185(112), 257  
 Weidner, U. 29(10), 61, 179, 184(35), 255  
 Weigang, O.E.Jr. 123(33), 147  
 Weigel, L.O. 120(31), 147, 416(164a), 473  
 Weiler, L. 184, 225(136), 257, 894(21), 922  
 Weinberger, A. 848, 849(195), 866  
 Weinges, K. 44(103, 104), 64  
 Weinhold, F. 32(24), 62, 742(41), 750  
 Weinreb, S.M. 431(199), 476  
 Weinstock, R.B. 742(41), 750  
 Weisman, C. 14(73), 22, 156(39), 170  
 Weiss, U. 114, 115(9), 117(9, 15), 119(20, 21),  
     126, 134(36), 146, 147  
 Weissman, S.I. 228(216), 259  
 Weitmeyer, C. 903, 904(78), 924  
 Wellman, D.E. 937(16), 939, 942, 943(20),  
     974  
 Wemmer, D.E. 801(58), 862  
 Wen, X. 412(161a, 161b), 413(161a), 473  
 Wender, P.A. 264(2b, 4a, 4b), 289(61),  
     296, 306(72), 319, 322, 455(282c), 479,  
     540(117b), 546  
 Wendling, L.A. 937(15, 17), 974  
 Wenkert, E. 417(164d), 457(292, 293), 474,  
     479, 513(30), 544, 593(143), 615  
 Wentrup, C. 185(161), 258  
 Wepster, B.M. 687(12), 731  
 Werle, T. 949, 959(61), 975  
 Werst, D.W. 337(41, 42, 46), 355  
 Werstiuk, N.H. 4, 7(28), 21, 179(31, 32, 36),  
     180(53), 255  
 Wescott, J.Y. 783(25), 862  
 West, F.G. 268(13), 289(62), 290(63, 64, 66),  
     291(67), 293(68, 69), 311(105), 313(13),  
     320, 322, 323  
 West, P. 169(125), 172, 747(62), 751  
 West, R. 936(13), 937(13–17), 938(19),  
     939(20), 942, 943(20, 35b), 947(50),  
     949(50, 63), 961(84), 974–976  
 Westerman, P.W. 881(36), 886  
 Westmijze, H. 439(241a), 477  
 Westphal, J. 570(83), 614  
 Westrum, E.F.Jr. 89(59), 108  
 Westwood, N.P.C. 185(159), 258  
 Wetkin, D. 606(185a), 616  
 Wette, M. 571(90), 614  
 Whangbo, M.H. 174(1), 254  
 Wharton, P.S. 510(17), 544  
 Wheelan, P. 411(155e), 473  
 Wheland, G.W. 702(35), 731  
 White, A.H. 182(109), 257  
 White, C.E. 162(83), 171  
 White, D.A. 662(32), 680  
 White, D.H. 184(141), 257  
 White, D.M. 343(90, 91), 344(90), 356

- White, J.D. 388, 391(96f), 407(157a, 157b, 158), 446, 451(257i), 470, 473, 478, 531(92), 545  
White, J.G. 41(89), 63  
White, M.R. 947(46), 975  
Whited, G.M. 892(14), 922  
Whitesell, J.K. 274(23), 320  
Whitesides, G.M. 432(205, 206b), 476  
Whiting, A. 447(260), 478  
Whiting, M.C. 155(32), 170, 368–370(36), 468  
Whitten, D.G. 342(88), 356  
Whitten, J.L. 11, 12(51), 21  
Whybrow, D. 278(35), 321  
Wiberg, K.B. 4, 6(22), 11(61), 21, 22, 35, 36(46e), 62, 158, 161, 162(63), 171, 181, 210(96), 256, 276(30b), 320, 737(18), 742, 743(42), 744(18, 42), 750, 751, 892(3), 922  
Wick, A. 374(49), 469  
Wick, A.K. 964, 966(94, 95), 976  
Wiebenga, E.E.H. 34(41), 62  
Wiedhaup, K. 532(97a, 97b), 546  
Wiegand, N.H. 45(109), 64  
Wielesek, R. 184, 250(148), 257  
Wierenga, W. 532(96), 545  
Wiesel, M. 306(93), 323  
Wieser, A. 737(18), 739(31), 744(18), 745(49), 748(70), 750, 751  
Wieser, J.D. 52(140), 53, 54(157), 65  
Wiest, O. 855(220), 866  
Wigger, A.E. 576(93), 614  
Wight, C.A. 735, 736(11), 750  
Wight, L.A. 233(232), 260  
Wijekoon, W.M.K.P. 15, 16(81), 22  
Wilbrandt, R. 31(12, 14), 61, 162(86, 88, 89), 163(86, 89), 164(86, 88, 89), 165(86), 171, 248(303), 261, 338(61, 62), 355  
Wilcox, C.F.Jr. 38, 42(59), 63  
Wilcox, C.S. 382, 384(83e), 470  
Wild, D. 570(83), 614  
Wildman, T. 179(32), 255  
Wildmon, T.A. 4, 7(28), 21  
Wiley, D.W. 97(77), 109  
Wiley, J.R. 409(154f), 473  
Wilke, G. 57, 58, 61(168), 65, 951(68, 69), 956(68), 958(80), 965(68), 968(68, 105), 976, 977  
Wilkes, M.C. 894(18), 922  
Wilkins, G. 181(101), 256  
Wilkins, T.D. 822(117, 118), 864  
Willard, A.K. 827(144), 855(223), 864, 866  
Williams, D.H. 485, 489, 490, 496(7), 504  
Williams, D.J. 576(94a, 94c, 94e), 614  
Williams, D.R. 388, 391(96e), 470  
Williams, E. 377, 378(69c), 469  
Williams, E.L. 922(219), 926  
Williams, F. 183(133), 236(259, 260), 237, 248(278), 250(260, 278), 257, 260, 261, 337, 338(49, 50), 343(89), 355, 356  
Williams, H.J. 802, 803(71), 863  
Williams, J.E.Jr. 737(17), 750  
Williams, J.M. 382, 383(83b), 470  
Williams, P.G. 801(58), 862  
Williams, R.B. 39(79), 63  
Williams, R.F. 838(165), 865  
Williams, T.F. 347(109), 356  
Williams, W.M. 824(125), 864  
Williamson, S.A. 514(35), 544  
Williard, P. 280(39), 321  
Willoughby, C.A. 290(63), 291(67), 322  
Willoughby, T.V. 43(97), 63  
Wilson, C.A. 52(140), 65  
Wilson, S.E. 538(112), 546  
Wilson, S.R. 511(25), 544  
Winchester, W.R. 747(57, 60), 751  
Windholz, T.B. 827(145), 864  
Wingard, R.E. 183, 184(128), 257  
Wingard, R.E.Jr. 364(22), 468  
Winkler, T. 631, 634(58), 651  
Winstein, S. 225(210), 259, 510(11), 544  
Winter, R. 185(162), 258  
Winzenberg, K.N. 415(170), 474  
Wipf, P. 857(228), 866  
Wippel, H.G. 415(167a), 474  
Wirz, J. 185(164), 237, 250(284), 258, 261, 947(45), 975  
Wisenfeld, R.B. 434(209f), 476  
Wistrand, L.G. 131, 132, 134(40), 147  
Witt, E. 347(108), 356  
Witterl, K. 183(118), 257  
Wittig, G. 407(150h), 473, 609(199), 617, 702(34), 731  
Witulski, B. 568(73), 570(82), 584, 585(112), 590(126), 602(180), 613–616  
Wojnarovits, L. 341(79), 356  
Wolf, H. 527(78), 545  
Wolf, R. 749(69), 751  
Wolfe, S. 894(20), 922  
Wolfsberg, M. 855(218), 859(233), 866  
Wolinski, K. 243(296), 261  
Wollenberg, R.H. 382, 383(83a), 470  
Wollenberg, R.W. 440(247), 477  
Wollnik, U. 718(60), 732  
Wollowitz, S. 366(29c), 468  
Wollweber, H. 361(16), 467  
Wolochowicz, I. 428(189), 475  
Wolovsky, R. 101, 102(96), 110, 155(29), 170  
Wong, H. 394, 396(106a), 471  
Wong, H.N.C. 278(34b), 321, 364, 365(23e), 402(133b), 468, 472, 587(118a), 615, 904(82), 924  
Wong, M.W. 32(25), 62, 620(4), 650  
Wong, S.S. 17, 19, 20(119), 23

- Wong, T. 440(243), 477  
 Wood, D.E. 337(47), 355  
 Wood, M.E. 849(197), 866  
 Wood, R.J. 325(2), 354  
 Woodruff, W.H. 338(65), 355  
 Woodward, A.M. 179(24), 255  
 Woodward, P.R. 423(172b), 474  
 Woodward, R.B. 174(4, 5), 254, 268, 274(17a, 17b), 320, 395(111), 471, 483, 500(5a), 504, 507(3a, 3b), 508(3b), 544  
 Woody, R.W. 112, 117, 133(1e), 146  
 Woolsey, N.F. 36(52), 62  
 Woosley, N.F. 538(111), 546  
 Worakun, T. 436(221), 477  
 Worley, S.D. 179, 180(28), 255  
 Wörner, G. 590(129a), 615  
 Worsefeld, D.J. 745(71), 751  
 Wriede, P.A. 298(77a), 322  
 Wright, J.J. 827(142), 864  
 Wright, P.W. 415, 421(171d), 474  
 Wright, S.C. 639(72, 73), 651  
 Wu, G. 53(150), 65  
 Wu, G.-Z. 436(223a), 477  
 Wu, H.-J. 298, 299(81b), 322  
 Wu, J. 672, 673(54a), 680  
 Wu, M.J. 313(111), 324  
 Wu, T.-S. 378(72c), 469  
 Wu, Y. 412, 414(162b), 473  
 Wu, Y.D. 17, 19, 20(120, 121), 23  
 Wu, Y.-J. 408(154c), 473  
 Wu, Y.L. 565(66), 613  
 Wudl, F. 58(184), 65, 942(35a), 975  
 Wüllner, R. 45(109), 64  
 Wust, H.H. 371(40), 468  
 Wuts, P.G.M. 526(74), 545  
 Wynalda, M.A. 783(26), 862
- Xiao, W. 412(161a, 161b), 413(161a), 473  
 Xiao, X. 838(163), 865  
 Xie, G.-Y. 906(99), 924  
 Xie, L. 739(31), 750  
 Xie, Y. 940(26b), 975  
 Xu, D. 897(44, 46), 923  
 Xu, L.-X. 906(99), 924  
 Xu, Y. 412(159b), 473
- Yagen, B. 817(101), 863  
 Yahiku, R.A. 339(76), 355  
 Yakovlev, I.P. 717, 722(55), 732  
 Yakovleva, A.K. 497(33), 505, 920(192), 926  
 Yalpani, M. 968(105), 977  
 Yamabe, S. 464(305), 480  
 Yamabe, T. 166, 169(118), 172  
 Yamada, H. 583(111), 614  
 Yamada, K. 446(254a, 258a, 258b), 478  
 Yamada, S. 397(116b), 398(117a, 117b), 471  
 Yamada, T. 916(166, 167), 925  
 Yamada, Y. 276(31b), 320, 361(14), 467, 528(84–86), 545  
 Yamago, S. 541(120), 546  
 Yamaguchi, I. 51(130), 64  
 Yamaguchi, K. 341, 343(80), 356  
 Yamaguchi, Y. 741(38), 750, 765(14), 770(21), 774  
 Yamakawa, T. 368(33b), 468  
 Yamamoto, G. 379(74b), 469  
 Yamamoto, H. 180, 183(76), 256, 427(186), 440, 441(244b), 475, 477, 907(107), 924  
 Yamamoto, K. 368(33c), 428, 429(190e, 190f), 468, 475, 859(235), 867  
 Yamamoto, S. 48(122), 64  
 Yamamoto, T. 350(133, 134), 357  
 Yamamoto, Y. 432(207a), 476, 538(110), 546, 963(88), 976  
 Yamamura, S. 410(155b), 473  
 Yamaoka, H. 353(148–151), 357  
 Yamashina, N. 449(268a, 268b), 478  
 Yamashita, A. 827(141), 864  
 Yamato, C. 827(146), 864  
 Yamatsu, I. 827(146), 864  
 Yamauchi, J. 940–942(27), 963(87), 975, 976  
 Yamawaki, T. 913(140), 925  
 Yamazaki, H. 341, 343(81), 356  
 Yamazaki, S. 824(125), 864  
 Yamazaki, T. 179(15), 254  
 Yambe, M. 339(74), 355  
 Yan, Y.Z. 581(102), 614  
 Yanagi, T. 388(98a), 471  
 Yanagihara, K. 428, 429(190e), 475  
 Yanagisawa, T. 832(155), 834(157, 159), 865  
 Yanai, M. 450(264a), 478  
 Yang, J. 412(161a, 162a, 162b), 413(161a, 162a), 414(162a, 162b), 473  
 Yang, N.C. 308(101d–f), 323, 466(311b), 480  
 Yang, Q. 86(51), 108  
 Yang, S.-H. 916(162), 925  
 Yang, Z. 642(86), 652  
 Yang, Z.C. 821(111), 822(116), 864  
 Yang, Z.Y. 844(179), 865  
 Yang, Z.-Z. 179, 211(37), 255  
 Yankwich, P. 855(218), 866  
 Yanovskaya, L.A. 717, 722(55), 732  
 Yasuda, H. 424, 425(179b), 475, 847(190), 866  
 Yasuoka, N. 308(101h), 323  
 Yatagai, H. 432(207a), 476  
 Yatawara, C.S. 817, 834(100), 863  
 Yates, C.H. 831(151), 865  
 Yates, P. 288(54b, 55a), 289(55b), 293(54b), 322  
 Yazawa, K. 308(96), 323  
 Yeates, A.T. 15(85), 22  
 Yeates, C. 388, 390(96c), 470

- Yeates, S. 338(64), 355  
 Yen, S.P.S. 352(141), 357  
 Yeung, L.K.P. 399(126), 472  
 Yezeguelian, C. 435(219), 476  
 Yip, R.W. 311(106a, 106b), 323  
 Yip, Y.-C. 278(34b), 321  
 Yokota, M. 834(157, 159), 865  
 Yokozeki, A. 46(117), 48(121), 64  
 Yoneyama, Y. 428, 429(190e, 190f), 475  
 Yonezawa, Y. 610(198), 617  
 Yorozu, K. 916(167), 925  
 Yoshida, H. 162–165(93), 166, 168(93, 98, 99), 169(98, 99), 171, 589(124), 615  
 Yoshida, K. 51(130), 64  
 Yoshida, T. 455(281), 479, 913(140), 925  
 Yoshida, Z. 57(176), 58(183), 65, 940–942(27), 953(70, 71), 961(70), 963(86–89), 965(98), 975, 976  
 Yoshida, Z.-I. 181(78), 256  
 Yoshihara, K. 14(74), 22, 141(50c), 147, 418(165a), 474  
 Yoshikoshi, A. 272(21), 320  
 Yoshimura, Y. 551, 552, 561, 609(25a), 612  
 Yoshioka, H. 465(310b), 480  
 Yoshioka, M. 688(21), 731  
 You, K. 780(12), 861  
 You, M.-L. 398(120a), 471  
 Young, L.B. 735(9), 750  
 Young, R.N. 748(65), 751  
 Young, S.D. 185(159), 258  
 Young, S.H. 179(25), 255  
 Young, W.G. 746(52), 751  
 Yu, C.F. 397(115), 471  
 Yu, S.S. 440, 441(244a), 477  
 Yufit, D.S. 52(141), 65  
 Yukawa, Y. 688(19, 20), 731  
 Yurchenko, A.G. 875, 877(29), 886  
 Yurchenko, R.I. 875, 877(29), 886  
 Yurev, V.P. 907(102, 105), 924  
 Yuzuriha, T. 837(162), 865
- Zabolotsky, D.A. 813(98), 863  
 Zachwieja, Z. 565(70), 613  
 Zahradník, R. 242(290–292), 261  
 Zajacek, J.G. 907(101), 924  
 Zakrzewski, V.G. 32(25), 62  
 Zambach, W. 214(197), 259  
 Zammori, P. 624, 625, 631, 648(17), 650  
 Zamojski, A. 299(82b), 304(88a–d), 322, 323  
 Zandomeneghi, M. 133(41b), 147, 287(52c), 322  
 Zandstra, D.J. 242(289), 261  
 Zannoni, G. 166(117), 172  
 Zard, S.Z. 377(66, 67), 469  
 Zask, A. 903(81), 924  
 Zebetto, F. 482, 483(2), 504  
 Zecher, D.C. 936, 937(13), 974
- Zechmeister, L. 155(38), 170, 361(12a), 467  
 Zefirov, N.S. 26(5), 61, 177, 180(12), 254  
 Zelinsky, N.D. 892(7), 922  
 Zellers, E.T. 58(184), 65  
 Zembayashi, M. 452(271), 478  
 Zenda, H. 306(93), 323  
 Zennache, S. 368, 369(31b), 380(79, 80), 468, 470  
 Zeppezauer, M. 788(38), 862  
 Zerbe, O. 419(165d), 474  
 Zerbetto, F. 2(1), 11(1, 58), 13(70), 14(1, 77), 15(1), 20–22, 31(18), 61, 150(3), 166(110), 169, 172  
 Zerbi, G. 150(6), 166(6, 117), 169, 172  
 Zerner, M. 242(293), 261  
 Zgierski, M.Z. 2(1), 11(1, 48, 58), 13(48, 70), 14(1, 78), 15(1), 20–22, 31(18), 61, 150(3), 153, 159, 160(27), 166(110), 169, 170, 172, 482, 483(2), 504  
 Zhang, J. 412–414(162a), 473  
 Zhang, J.H. 942(34), 975  
 Zhang, S. 412, 413(160), 473  
 Zhang, S.W. 452(270), 478  
 Zhang, X.-L. 248(302), 261, 897(44), 923  
 Zhang, Y. 436(223a), 477  
 Zhao, Y. 72(14), 86(51), 105, 108  
 Zhemaiduk, L.P. 920(204), 926  
 Zheng, J. 412, 413(160), 473  
 Zhichen, Z. 134(43), 147  
 Zhon, Z.Y. 587(118a), 615  
 Zhou, X. 4, 8, 9(29), 21  
 Zhu, J. 627, 635(36c), 650  
 Zhu, Z. 236, 252(266), 260  
 Zhulin, V.M. 598(162), 609(192a, 192b), 616, 617  
 Zhuravleva, E.B. 609(192a, 192b), 617  
 Zhuravskaya, E.V. 346, 347(105), 356  
 Ziegler, F. 434(209f), 476  
 Ziegler, F.E. 854(211), 866  
 Ziegler, K. 510(15a), 544  
 Ziegler, L.D. 153(23), 170  
 Zielińska, A. (215), 866  
 Zielinski, J. 843, 844(178), 865  
 Zieliński, M. 802(70), 826(135–139), 863, 864, 853(209), (215), 866  
 Ziffer, C.H. 465(310c), 480  
 Ziffer, H. 114, 115(9), 117(9, 15), 119(20, 21), 126, 134(36), 146, 147  
 Ziller, J. 539(115), 546  
 Zimmer, H. 718(60), 732  
 Zimmer, O. 958(79), 976  
 Zimmerman, A.H. 739(34, 35), 750  
 Zimmerman, H.E. 277(32a, 32b), 281(41a, 43), 320, 321  
 Zimmerman, W.T. 377, 378(69b), 469  
 Zimmermann, H. 185(160), 258  
 Zimmermann, H.E. 48(120), 64

- Zimny, B. 548(14), 568(73), 584, 585(112),  
599(163), 602(180), 608(188), 611, 613, 614,  
616, 617  
Zin, P. 417(164c), 473  
Zinger, B. 758(9), 774  
Zipkin, R. 415, 421, 460(171b), 474  
Zipkin, R.E. 454(279a-c), 479  
Zipse, H. 621, 631(10), 650  
Zoch, H.-G. 949(58), 975  
Zoebisch, E.G. 630(48), 651  
Zott, H. 349(129), 357  
Zsigmond, Á. 668(48a, 48b), 680  
Zuccarello, G. 375(58), 469  
Zueva, A.F. 352(142), 357  
Zündorf, W. 931, 940, 941(9), 974  
Zverev, V.V. 179, 180(40), 255  
Zwanenburg, B. 627, 635(36c), 650  
Zwick, G. 920(194), 926

*Index compiled by K. Raven*

# Subject index

- Ab initio* calculations 3  
for Diels–Alder reaction 17–19  
for evaluation of contributions to CD 124  
for excited states 13, 14
- Absorption spectroscopy 151  
of diene chromophore 112–114  
of polyenes 155–158  
of radiolytic intermediates 328–333
- N*-Acetylcolchichols,  $^{14}\text{C}$ -chloroacetates of,  
synthesis of 838–840
- Acetylene,  
acidity of 735  
deprotonation energy of 737, 738
- Acidity, gas-phase 733, 734  
of allyl hydrogens 739, 740  
of vinyl hydrogens 735–737
- Acrolein, Diels–Alder reaction of 20
- Acrylonitrile, radical addition to 625, 626, 648
- Activation volume 548–552  
relationship with ring size 603, 608, 609
- Adjacency matrix 201, 204
- $\text{Ag}^+$ – $\pi$ -complexation, in separation of  
dienes/polyenes 485
- Aldol products 299
- Alkoxy radicals, addition to dienes 641
- Alkylidenecycloalkanes—*see also*  
Methylenecycloalkanes  
structure of 50–52
- Alkylidenecycloalkenes—*see also*  
Methylenecycloalkenes  
structure of 51–54
- Alkynes—*see also* Acetylene, Polyalkynes  
isomerization of 456, 457
- Alkynyl cations 869
- Allenes—*see also* Chlorotriaryllallenes,  
Cumulated dienes  
epoxidation of 905, 906  
formation of 265  
oxidation of,  
palladium-catalysed 677–679
- with ozone 921  
with singlet oxygen 915, 916
- radiolysis of 338
- reduction of, selective 466, 467
- thermochemistry of 72
- Allenic polyenes—*see* Cumulated polyenes
- Allenyl cations 869, 870—*see also* Tri-  
aryallenyl cations  
cycloadditions of 877–881  
ferrocenyl-substituted 874, 875  
generation of 870–881  
identification of 881, 882
- Allenyl halides, photolysis of 870, 871
- cis*-Allo-ocimene, thermochemistry of 88,  
89
- Allyl anions—*see also* Diphenylallyl anions,  
Triphenylallyl anions  
in solution 744–750  
stabilization of 740–743  
structure of 741, 742  
theoretical studies of 740–744
- Allyl carbanions 673
- Allyl cations, trapping of 647, 648
- $\pi$ -Allyl complexes 654, 661, 662, 676
- Allylic acetates, decarboxylative eliminations  
of 372–374
- Allylic alcohols, formation of 891
- Allylic axial chirality rule 120–126  
diene/olefin picture of 125–127, 131,  
132
- Allylic dihalides, dehalogenation of 366
- Allylic halides, dehydrohalogenation of 364,  
366
- Allylic hydrogens,  
abstraction of 328  
gas-phase acidity of 739, 740
- Allylic nitroacetates, reductive elimination  
reactions of 377
- Allylic substituents, contribution to CD  
intensity 123–126

- Allylic sulphones, as precursors of conjugated dienes/polyenes 394, 396  
 Allylithiums 744, 745, 747  
 Allylpotassiums 746, 747  
 Allyl radical cyclization 627–630  
 Allyl radicals 329, 335, 339, 350  
     dimerization of 640–643  
     electron affinity of 739  
     oxidation of 646–649  
     stabilization energy for 627  
     trapping of,  
         with closed-shell molecules 634–637  
         with radicals 637–640  
 Allylsilanes,  
     cationic cyclization of 533–536  
     reactions of 673, 674  
 Alteramide A, intramolecular [4+4]photocycloaddition of 308  
 Ambident cations 871  
 Ambiphilic radicals 648  
 Amide ions, reactions of 735, 736  
 17-Amino-22-(4'-azido-3'-iodophenacyl)-17-demethoxygeldanamycin,  $^{125}\text{I}$ -labelled, synthesis of 847  
 AM1 method, in study of Diels–Alder reaction 18  
 $\beta$ -Angelica lactone, Diels–Alder reaction of 19  
 Annulenes,  
     chemical shifts for 484  
     cycloadditions of 571–574  
     structure of 41, 43–45  
     thermochemistry of 91, 101–104  
 Anthracenes—*see also* Hexahydroanthracene  
     photodimerization of 308  
 Antiaromaticity 101–103  
 Antibiotics, chirality of 141  
 Arachidonic acid,  
      $^{11}\text{C}$ -labelled, synthesis of 824–826  
     physiological role of 780  
 Aromaticity, and thermochemistry 89, 90, 101  
 Arsenic ylides, as precursors of conjugated dienes/polyenes 412–414  
 Aspicilins, synthesis of 265–267  
 Asteltoxin, synthesis of 300, 302  
 Asymmetric synthesis,  
     in Paterno–Büchi cycloadditions 304, 305  
     in photochemical ring opening 266, 268  
 Autoxidation 913  
 Avenaciolide, synthesis of 300  
 Aza-di- $\pi$ -methane rearrangements 278–280  
 Azepines, photocycloaddition of 315, 318  
 Azulenes,  
     Diels–Alder reaction of 570–572  
     formation of 510  
     thermochemistry of 103  
     tritium-labelled, synthesis of 821, 822  
 Azulenesulphonates,  $^{14}\text{C}$ -labelled, synthesis of 832, 834, 835  
 Azulenones—*see* Hydroazulenones  
 Baeyer–Villiger oxidation 657  
 Banana bond orbitals 220  
 Barrelene,  
     structure of 48  
     thermochemistry of 86  
 Basis functions,  
     energy of 200  
     interaction terms between 200  
 Benzene 68, 69, 100—*see also* Dewar benzene  
     thermochemistry of 89, 101, 102  
 Benzenoid compounds, cathodic reduction of 772, 773  
 Benzocyclooctatrienes 102  
 1,4-Benzoquinones,  
     as oxidizing agents 658, 662, 666, 670, 675, 676  
     Diels–Alder reaction of 564, 565  
 Benzosuberones, tritium-labelled, synthesis of 821, 822  
 Benzyne 74  
 Bicyclic dienes—*see also* Bicyclooctadienes  
     oxidation of 895  
     structure of 46–48  
     thermochemistry of 85, 86  
 Bicyclic oxazolines, synthesis of 293  
 Bicyclic polyenes,  
     structure of 46–48  
     thermochemistry of 90, 91  
 Bicyclo[*n.3.0*]alkenes, synthesis of 289, 290  
 Bicyclo[3.2.0]heptenes, synthesis of 268  
 Bicyclo[3.1.0]hexenes, synthesis of 274, 275  
 Bicyclo[4.3.0]nonenones, synthesis of 282, 283  
 Bicyclooctadienes,  
     electrooxidation of 761–763  
     radiolysis of 337  
 Biphenyl, structure of 53  
 Birch reduction, as synthetic procedure for conjugated dienes 465  
 Bischler–Napieralski cyclization 670  
 Bis(cyclohexenylidene)s, thermochemistry of 91  
 1, $\omega$ -Bis(diarylethenyl)alkanes, radiolysis of 338  
 Bis-dienes, Diels–Alder reaction of 573, 575–578  
 Bishomoaromaticity 50  
 Bismethylenecycloalkanes, thermochemistry of 83–85  
 BMY-22089,  $^{14}\text{C}$ -labelled, synthesis of 827  
 Bond alternation, CC, in butadiene 4  
 Bond delocalization,  $\pi$  6  
 Bond dissociation energy 733, 734, 739  
 Brefeldin A, tritium-labelled, synthesis of 819, 820

- Bromination, as analytical method 496  
 Bromocyclooctatriene, radiolysis of 337  
 Brønsted plots 734  
 Buckminster fullerene, structure of 58  
 Bulk dienes, radiolysis of 339–343  
 Bullvalene, structure of 48  
 1,3-Butadiene,  
   acidity of 735, 736  
   conformation of 6, 7, 113, 114, 141,  
     158–161  
   copolymerization with styrene 346  
   Diels–Alder reaction of 17–19  
   electronic transitions in 141, 142  
   excited states of 11–13  
   force constants for 6  
   geometry of 4, 5, 114  
   harmonic vibrational frequencies for 5  
   MOs of 141, 142  
   photodimerization of 296  
   polymerization of 343, 345, 346  
   radiolysis of 335  
   structure of 31, 32, 35  
     compared to radialenes 55, 56  
     symmetry in 141–143  
     vibrational spectra of 158–161  
 Butadiene monoepoxide, deuterium-labelled,  
   synthesis of 777, 778  
 Butadienes—*see also* 1,3-Butadiene, *t*-Butyl-  
   1,3-butadienes, 2,3-Dimethylbutadiene,  
   Methyl-1,3-butadienes, Phenyl-1,3-  
   butadienes, Polybutadienes  
   cyclization of 508  
 Butadienyl radical cations 338  
 Butatrienyl cations 883–885  
 Butatrienyl halides, solvolysis of 883–885  
 Butenes, acidity of 736  
*t*-Butyl-1, 3-butadienes, structure of 34–37  
*t*-Butylethylene, acidity of 735, 739
- C<sub>60</sub> 58, 930, 963  
 Calciferols 119  
 Capsantin, analysis of 503  
 Carbene insertion reactions, in synthesis of  
   conjugated dienes 465  
 Carbochlorination 673  
 Carbocyclization 672  
 Carbon dioxide, extrusion of, in synthesis of  
   conjugated dienes 401  
 Carbon monoxide, extrusion of, in synthesis of  
   conjugated dienes 401  
 $\alpha$ -Carbonyl radicals 644  
 Carboxylate anions, decarboxylation of 736  
 Carcinoma, mechanism of treatment of 776  
 $\beta$ -Carotene,  
   deuterium-labelled, synthesis of 784, 786  
   structure of 150  
   thermochemistry of 87
- Carotenoids,  
   analysis of 493, 494, 501–504  
   chirality of 137–141  
   radiolysis of 337, 338  
   Raman spectra of 166, 168  
   CASPT2 method 11–14  
 Cerorubanol I 315, 316  
 Charge-transfer interactions, parameterization  
   of 712  
 Chemical derivatization 496–499  
 Chemical ionization, in structure determination  
   of dienes/polyenes 494, 495  
 Chiral carotenoids 137–141  
 Chiral dienes,  
   intrinsically chiral 117–132  
   origin of optical activity and 114–117  
   owing their chirality to a dynamic twist 132,  
     133  
   owing their chirality to dissymmetric  
     perturbation 133–137  
 Chiral oligoenes 141  
 Chiral polyalkynes 141  
 Chloramines, addition to dienes 648  
 Chloroacyloxylation 663–665  
 1,4-Chlorolactonization 668  
 Chloropalladation 672  
 Chloroprene, polymerization of, radiation-  
   induced 344  
 Chlorotriaryllallenanes,  
   photolysis of 870, 871  
   solvolytic 871–873  
 Chromate-based oxidants 898  
 Chrysanthemates, synthesis of 278, 279  
 Chrysanthemic acid, synthesis of 278, 280  
 Ciprostone, tritium-labelled, synthesis of 818  
 Circular dichroism, contributions to 123–126  
 Circular dichroism (CD) spectroscopy 112,  
   116, 118  
   of carotenoids 138–141  
   of distorted dienes 129  
   of planar dienes 134–137  
   of polyalkynes 141  
*Cisoid* conformation, of conjugated dienes 112,  
   113, 120–122, 126  
 Claisen rearrangement,  
   as synthetic procedure for conjugated dienes  
     406  
   effect of pressure on 596, 598  
   mechanism of, isotope effect studies of 776,  
     854–858  
 Clathrates, tunnel 343  
 Cleavage reactions, oxidative 655, 658, 660,  
   891  
 Closed-shell molecules, singlet ground con-  
   figuration for 197, 198  
 Clozepine, tritium-labelled, synthesis of 821,  
   822

- CNDO/2 calculations, for 1,3-butadiene 120  
 CNDO/S calculations,  
   for 1,3-butadiene 120  
   for steroid models 122, 123  
 CocrySTALLization 34  
 Colchicine, photocyclization of 268, 269  
 Colchinols—*see N*-Acetylcolchinols  
 Complete Active Space SCF (CASSCF)  
   scheme 3, 8, 11, 13, 15, 17  
 Composite parameters 689  
 Configuration interaction (CI) method 3  
 Configuration interactions 214  
 Conjugated dienes 68  
   addition reactions of 609, 610  
   anodic oxidation of 753–759  
   cathodic reduction of 768, 769  
   chirality of 114–137  
   conformation of 112–114, 117, 120–122,  
     126, 128–131, 133–137, 141  
   cyclization of 508  
     photochemical 268, 269  
   oxidation of,  
     palladium-catalysed 661–677  
     with metallocporphyrins 899  
     with metal salen complexes 900, 901  
     with osmium tetroxide 897, 898  
     with ozone 920  
     with permanganate 892, 893  
     with peroxy compounds 903–905, 907,  
     908, 911, 912  
     with singlet oxygen 914, 915  
     with triplet oxygen 917–919  
   Paterno–Büchi reactions of 297–306  
 [4+4]photocycloaddition of 306–313  
 photodimerization of 296, 297  
 photoenolization of 264, 265  
 radical addition to 620–627  
   regioselectivity of 630–634  
 structure of 31–37  
 synthesis of,  
   by addition–elimination reactions  
     378–395  
   by carbene insertion reactions 465  
   by concerted reactions 395–406  
   by coupling reactions 427–442,hfill  
     444–453  
   by elimination reactions 364–378  
   by Vilsmeier reaction 464  
   by Wittig and related reactions 407–409,  
     412–417, 420–422, 424–427  
   from alkynes 453–457  
   from allenes 466, 467  
   from arenes 465, 466  
   from cyclopropanes 465  
   from heterocycles 457–462  
   from oxoketene dithioacetals 463  
 thermochemistry of 75–79
- Conjugated polyenes,  
   cyclization of 507, 510  
   linear, electronic structure of 243–250  
   planar,  
     deviations from planarity in 209–211  
     electronic structure of radical cations of  
     199–215  
 structure of 31, 32, 34–36  
 synthesis of,  
   by addition–elimination reactions  
     379–388, 392, 394, 396  
   by concerted reactions 397, 405  
   by coupling reactions 428–431, 434–438,  
     440, 443–445, 447–449, 451, 452  
   by elimination reactions 366, 369–374,  
     377  
   by Wittig and related reactions 410, 411,  
     413, 414, 418–425  
   from alkynes 453–455  
   from heterocycles 457–462  
   from oxoketene dithioacetals 463, 464  
   from tropone oxime tosylate 464  
 thermochemistry of 87–91  
 Conjugation, in determination of stable  
   conformations 7  
 Conjugation energy 76, 77  
 Cope rearrangement 28, 48, 49, 510, 511  
   effect of pressure on 596–599  
 Copolymerization 346, 351  
 Coronene, structure of 41  
 Correlation techniques 222–224  
 Coulomb integrals 228  
 Coupled cluster (CC) method 3  
 Coupled oscillator model 120, 133  
 CR equation 689  
 Crocetins, formation of 265, 266  
 Cross-conjugated dienes, electrosynthesis of  
     773  
 Cross-conjugated dienones,  
   photorearrangement of 280–295  
 Cross-conjugated polyenes, radical cations of  
     250  
 Cross-conjugation 52, 53, 57, 93, 94, 98,  
     928–930  
 Cross-linking 347, 348, 351  
 Crotonolactone, Diels–Alder reaction of 19  
 Crystallization, *in situ*, of bridged polyenes  
     46  
 Cumulated dienes 68—*see also* Allenes  
   [2+2]cycloadditions of 591, 593–595  
   thermochemistry of 73  
 Cumulated polyenes, thermochemistry of  
     73–75  
 Cyclic dienes—*see also* Bicyclic dienes,  
   Cycloalkadienes, Polycyclic dienes  
   mass spectra of 489–492  
   ring opening of, photochemical 265–268

- structure of 37–40  
thermochemistry of 80–85
- Cyclic polyenes—*see also* Bicyclic polyenes, Cycloalkatetraenes, Cycloalkatrienes, Polycyclic polyenes  
metal-complexed, photocycloaddition of 315–318  
structure of 37, 38, 40, 41
- Cyclization reactions—*see also* Cope rearrangement, Diels–Alder reactions, Electrocyclic reactions, Ene reactions, Macrocyclization reactions, Spirocyclization reactions  
anionic 536–539  
cationic 525–536  
free-radical 522–525  
isotope effects in 859  
metal-catalysed 539–542
- Cycloaddition reactions,  
isotope effects in 858, 859  
photochemical 279, 293, 295, 306–318
- Cycloalkadienes—*see* Cyclic dienes, Cycloheptadienes, Cyclohexadienes, Cyclooctadienes, Cyclopentadienes
- Cycloalkadienones—*see* 2,6-Cycloheptadienones, 2,5-Cyclohexadienones, 2,7-Cyclooctadienones
- Cycloalkanes—*see* Alkylidenecycloalkanes, Cyclohexanes, Cyclopropanes
- Cycloalkatetraenes—*see also* Cyclooctatetraene  
structure of 40
- Cycloalkatrienes—*see also* Cycloheptatrienes, Cyclooctatrienes  
as rearrangement products 43
- Cycloalkenes—*see also* Alkylidene-cycloalkenes, Cyclobutenes, Cycloheptenes, Cyclohexenes, Cyclopropenes  
kinetic acidities of 748
- Cyclobutenes—*see also* 3,4-Dimethylene-cyclobutene  
formation of 508  
ring opening of 402–405
- Cycloheptadienes,  
radiolysis of 337  
thermochemistry of 82  
tritium-labelled, synthesis of 821, 822
- 2,6-Cycloheptadienones, photorearrangement of 286, 287
- Cycloheptatrienes—*see also* Methylene-cycloheptatrienes  
Diels–Alder reaction of 568, 571  
radical reactions of 328  
radiolysis of 337  
tritium-labelled, synthesis of 821, 822
- Cycloheptenes—*see* Bicyclo[3.2.0]heptenes
- Cycloheptenols—*see* Vinylbicycloheptenols
- 1,3-Cyclohexadiene,  
Diels–Alder reaction of 566, 568  
polymerization of, radiation-induced 343, 344
- 1,4-Cyclohexadiene, reactions with hydrogen atoms 328
- Cyclohexadienes—*see also* 1,3-Cyclohexadiene, 1,4-Cyclohexadiene, Methylenecyclohexadienes  
radiolysis of,  
gas-phase 341, 342  
in aqueous solution 328–334  
in non-aqueous solvents 335  
thermochemistry of 81, 82
- 2,5-Cyclohexadienones, photorearrangement of 280–285
- Cyclohexadienylperoxy radicals 332
- Cyclohexadienyl radicals 330, 341  
dimerization of 331
- Cyclohexanes—*see* 1,2-Divinylcyclohexanes, Hexakis(ethylidene)cyclohexane
- Cyclohexenes—*see* Bicyclo[3.1.0]hexenes, 4-Hydroxycyclohexene
- Cyclohexenyl radicals 341
- Cyclooctadienes—*see also* Bicyclooctadienes, 1,3-Cyclooctadienes, 1,5-Cyclooctadienes  
thermochemistry of 82, 83
- 1,3-Cyclooctadienes,  
cyclization of 508  
radiolysis of 335
- 1,5-Cyclooctadienes, palladium-catalysed oxidation of 657
- 2,7-Cyclooctadienones, photorearrangement of 285, 286
- Cyclooctanoids, synthesis of 311
- Cyclooctatetraene 100, 101
- Cyclooctatrienes—*see also* Benzocyclooctatrienes, Bromocyclooctatriene  
thermochemistry of 89, 90
- Cyclopentadienes—*see also* Methylenepentadienes  
Diels–Alder reaction of 20  
Paterno–Büchi cycloaddition of 298, 299  
thermochemistry of 80, 81
- Cyclopentadienyl anions 734
- Cyclopentenones, synthesis of 282, 290, 291
- Cyclopropanes—*see also* Spirocyclopropanes, Tris(2-adamantylidene)cyclopropane, Tris(fluoren-9-ylidene)cyclopropane, Tris(quino)cyclopropane, Vinylcyclopropanes  
ring opening of 466
- Cyclopropenes—*see* Methylenecyclopropenes
- Cyclopropyl-conjugation 41, 42, 49

- [Cys-<sup>14</sup>CO]LTC<sub>4</sub>, synthesis of 830, 831  
 Cytoprotective activity, determination of mechanism of 776
- Dactylool, synthesis of 313, 314  
 Debromination, as synthetic procedure for conjugated dienes/polyenes 366, 367  
 Decadienes—*see* Dispirodecadiene  
 1,3,5,7,9-Decapentaene, structure of 31  
 Decarboxylation, double 666  
 Decarboxylative elimination, as synthetic procedure for conjugated dienes/polyenes 372–374  
 Dehydration, as synthetic procedure for conjugated dienes/polyenes 366–368  
 Dehydrobromination, as synthetic procedure for conjugated dienes 364–366  
 Dehydromesylation, as synthetic procedure for conjugated dienes 368, 369  
 Dehydrosylation, as synthetic procedure for conjugated dienes 368, 369  
 Density functional theory 3, 18  
 Deoxygenation, reductive, as synthetic procedure for conjugated dienes/polyenes 368–372  
 15-Deoxy-16-hydroxy-16-methyl-5-thiaprostaglandin E<sub>1</sub> methyl esters, deuterium-labelled, synthesis of 797–799  
 Desulphonylation, reductive, as synthetic procedure for conjugated dienes 375, 376  
 Dewar benzene, structure of 43  
 Dewar pyrones 268, 270  
 Diacyloxylation 662, 663  
 aerobic 667, 668  
 1,4-Dialkoxylation 666  
 $\alpha,\omega$ -Dialkylpolyenes, absorption spectra of 155  
 Raman spectra of 166–168  
 1,2-Dibromides, dehydrobromination of 364, 365  
 10,11-Dibromodibenzosuberone, tritium-labelled, synthesis of 821, 822  
 2,3-Dichlorobutadiene, polymerization of, radiation-induced 343  
 Dicyanomethyl radical, addition to dienes 621, 622  
 Diels–Alder reactions—*see also* Retro-Diels–Alder reactions  
 catalysis of 19, 20  
 diastereofacial selectivity in 19  
 effect of pressure on 552–596, 603–607  
 mechanistic aspects of 552–563  
 synthetic applications of 563–591  
 intramolecular 511–518, 603–607  
 mechanism of 17–19  
 isotope effect studies of 776, 848–854  
 pincer/domino 573, 575
- regioselectivity in 19  
 site-selectivity in 19  
 solvent effects on 19, 20  
 stereoselectivity in 19  
 Diene chirality rule 117–120, 131  
 Diene chromophore,  
 C<sub>2</sub> 120  
 distortion of 114, 117, 118  
 electronic absorption spectrum of 112–114  
 (Diene)palladium(II) complexes 654  
 Diene rule 139  
 Dienes—*see also* Bis-dienes, Butadienes, Decadienes, 1,3-Dienes, 1,4-Dienes, Heptadienes, Hexadienes, Norbornadienes, Norcaradienes, Octadienes, Pentadienes, Propelladienes, Spirodienes  
 bulk—*see* Bulk dienes  
 chiral—*see* Chiral dienes  
*cisoid* 112, 113, 120–122, 126  
 conjugated—*see* Conjugated dienes  
 cross-conjugated—*see* Cross-conjugated dienes  
 cumulated—*see* Cumulated dienes  
 cyclic—*see* Cyclic dienes  
 distorted 114, 117, 118, 126–132  
 electronic spectra of 236  
 enolic—*see* Enolic dienes  
 nonconjugated—*see* Nonconjugated dienes  
 PE spectra of 178–182  
 planar—*see* Planar dienes  
 polymerization of, radiation-induced 343–346  
 radiolysis of,  
 in aqueous solution 327–334  
 in non-aqueous solvents 334–339  
 reactions of,  
 with hydrated electrons 328  
 with hydrogen atoms 328  
 with hydroxyl radicals 328  
*s-cis* 6, 7, 112–114, 126, 128–134, 141, 142  
*skewed* 131, 132  
*s-trans* 4–7, 112–114, 117, 135–137, 141, 142  
 synthesis of,  
<sup>14</sup>C-labelled 827, 828, 831, 832, 841–843  
 deuterium-labelled 776–802  
<sup>123</sup>I-labelled 844–846  
 tritium-labelled 818–822  
*transoid* 112, 113, 131  
 1,3-Dienes—*see also* 1,3-Butadiene, 1,3-Pentadiene  
 1,4-chloroacetoxylation of 663, 664  
 1,4-diacetoxylation of 662, 663  
 1,4-Dienes—*see also* 1,4-Pentadiene  
 palladium-catalysed oxidation of 660, 661

- photorearrangement of 277–280  
*Dienoates*—*see Eicosadienoates*  
*Dienones*—*see Cross-conjugated dienones, Cycloalkadienones*  
*Dienophiles*, unsymmetrical, in Diels–Alder reaction 18, 19  
*Dienyl radical cations* 338  
*Dihydrocostunolide*, synthesis of 272  
*Dihydronaphthalenes*, [4+4]photocycloaddition of 306, 307  
 structure of 45  
 thermochemistry of 90, 99  
*Dihydronavanin*, synthesis of 272, 273  
*Dihydropyrans*, synthesis of 268, 270  
*Di- $\pi$ -methane rearrangements* 277–280—*see also Aza-di- $\pi$ -methane rearrangements*  
*2,3-Dimethylbutadiene*, polymerization of, radiation-induced 343, 344  
*3,4-Dimethylenecyclobutene*, thermochemistry of 93, 99, 100  
*2,4-Dimethylpentadiene*, conformation of 7  
*Diols*, formation of 891  
 unsaturated, reductive deoxygenation of 368–372  
*Dioxythiepines*, photocycloaddition of 315, 318  
*Diphenylallyl anions* 747, 748  
*1,6-Diphenylhexatriene*, thermochemistry of 89  
*Diphenylphosphonyl radicals*, addition to dienes 623  
 *$\alpha,\omega$ -Diphenylpolyenes*, absorption spectra of 155, 156  
*Dispirodecadiene*, structure of 42  
 *$\alpha,\omega$ -Dithienylpolyenes*, absorption spectra of 155, 156  
*1,2-Divinylcyclohexanes*, oxidation of 658–660  
*1,1-Divinylcyclopropane*, structure of 26–28  
*1,1-Divinylethylene*, thermochemistry of 93  
*Divinyl ketones*, cyclization of 508, 509  
*Docosahexaenoates*, deuterium-labelled, synthesis of 780, 781  
*Docosahexaenoic acid*,  $^{11}\text{C}$ -labelled, synthesis of 824, 825  
*Dodecahedranes* 50  
*Dynamic coupling* 123, 133
- Echinocandin B*,  $^2\text{H}$ - and  $^3\text{H}$ -labelled, synthesis of 801, 802  
*Edge effects*, in long polyenes 10  
*Eicosadienoates*, deuterium-labelled, synthesis of 778  
*Eicosatetraenoic acids*,  $^{11}\text{C}$ -labelled, synthesis of 825, 826  
*Eicosatrienoates*, deuterium-labelled, synthesis of 778–780  
*E- $^{125}\text{I}VNNT$* , synthesis of 844, 845
- Electrical effects* 687–702  
 classification of 690, 692–698  
 parameters for 698–702, 728, 729  
*Electrical properties*, molecular 15, 16  
*Electrocyclic reactions* 507–510  
 effect of pressure on 597, 599, 602  
 photochemical 265–276  
*Electron affinity* 733, 734  
*Electron capture detection* 500  
*Electron correlation* 3  
*Electron-electron interactions* 214  
*Electron energy loss spectroscopy*, in structure determination of dienes 486, 488  
*Electronic spectroscopy* 228–239  
 of dienes 236  
 of polyenes 236–238  
*Electronic transitions* 11  
*Electron nuclear double resonance spectroscopy* 499  
*Electron spin resonance spectroscopy*, of oligomer radicals 344  
 of polymers 349  
 of radiolytic radical cations 337, 338  
*Electrophilic aromatic substitution*, intramolecular 291, 292  
*Enantiodivergent synthesis* 663  
*Endoperoxides*, formation of 891  
*Ene-allenes*, cyclization of 541, 542  
*Ene reactions*, intramolecular 518–521  
 metallo 520  
*Enol ethers*, radical reactions of 637  
*Enolic dienes*, analysis of 499, 500  
*Enprostil*, tritium-labelled, synthesis of 812–815  
*Enthalpies of combustion*, of cumulated tetraenes 74  
 of cyclohexadienes 81  
*Enthalpies of conjugation*, of substituted butadienes 77  
*Enthalpies of formation* 69  
 of allenes 72, 73  
 of annulenes 101–103  
 of barrelene 86  
 of bis-allenes 75  
 of bismethylenecycloalkanes 83–85  
 of conjugated dienes, acyclic 77–79  
 of conjugated polyenes, acyclic 87–89  
 cyclic 89–91  
 of cumulated trienes 73, 74  
 of cycloheptadienes 82  
 of cyclohexadienes 39, 81, 82  
 of cyclooctadienes 83  
 of cyclopentadienes 80, 81  
 of  $\alpha$ -dicarbonyls 78  
 of fulvenes 94–98

- Enthalpies of formation (*cont.*)  
 of isotoluenes 98, 99  
 of nonconjugated dienes,  
   acyclic 71  
   bicyclic 85, 86  
 of triquinacene 86  
 of xylylenes 99, 100
- Enthalpies of fusion 70
- Enthalpies of hydrogenation 70  
 of acyclic polymeric polyenes 72  
 of benzocyclobutene 99  
 of bismethylenecycloalkanes 84  
 of cumulated tetraenes 74, 76  
 of cyclohexadienes 81  
 of cyclooctadienes 83  
 of heptafulvenes 97  
 of hexatrienes 88
- Enthalpies of polymerization, of acyclic polymeric polyenes 72
- Enthalpies of sublimation 70  
 of hexatrienes 89
- Enthalpies of vaporization 70  
 of acyclic polymeric polyenes 72  
 of cyclohexadienes 81  
 of hexatrienes 88
- Enynes, reduction of 453–455
- Epoxidation 891  
 stereoselective 665
- Ethylenes—*see also* *t*-Butylethylene, 1,1-Divinylethylene  
 acidity of 735, 736  
 aerobic oxidation of 653  
 deprotonation energy of 737, 738  
 geometry of 737
- Eucarvone, photocyclization of 268, 269
- Eudesmane, photostationary equilibrium with germacrane 272
- Exchange integrals 228
- Excitation energies,  
 adiabatic 13  
 vertical 12
- Excited states 10–15
- $\alpha$ -Farnesene, deuterium-labelled, synthesis of 791–793
- Farnesoic acid, tritium-labelled, synthesis of 810–813
- Farnesyl diazomethyl ketone, tritium-labelled, synthesis of 810–813
- Fecapentaene,  $^2\text{H}$ - and  $^3\text{H}$ -labelled, synthesis of 822, 823
- Ferromagnets, organic 930
- FK-506,  $^{14}\text{C}$ -labelled, synthesis of 840, 841
- Fluorescence 11
- Fluorescence spectroscopy 151  
 of polyenes 156, 157
- Fluorescent prostaglandin derivatives, tritium-labelled 818
- Force fields 6
- Franck–Condon envelopes 176, 225
- Fullerenes 930, 963—*see also* Buckminsterfullerene, Methanofullerenes
- Diels–Alder reaction of 575, 581  
 structure of 58
- Fulvenes—*see also* Pentafulvenes, Triafulvenes  
 structure of 52, 53  
 thermochemistry of 92, 94–98
- Furanoid terpenes, synthesis of 669
- Furans,  
 Diels–Alder reaction of 575, 580, 582–586, 591  
 Paterno–Büchi cycloaddition of 298–305
- Gas chromatography, in separation of dienes/polyenes 485
- Gastrointestinal ulcers, mechanism of treatment of 776
- Geranyl diphosphate, deuterium-labelled, synthesis of 788, 789
- Geranyl glucosides, deuterium-labelled, synthesis of 788–790
- Germacrane, photostationary equilibrium with eudesmane 272
- Gibbs energy 69, 78
- Ginkolide, hybrid with kadsurenone 301, 303
- Glucosides—*see also* Geranyl glucosides, Neryl glucosides  
 Golgi apparatus 819
- Grignard reactions, copper-catalysed 670
- Grignard reagents, allyl 746
- Gutta-percha 346
- G* values 326
- Halomethanes,  
 addition to dienes 627, 631  
 as radical traps 634, 636
- Hammett equation 688
- Hartree–Fock (HF) self-consistent field (SCF) approximation 2, 3
- Heck reaction, as synthetic procedure,  
 for conjugated dienes/polyenes 433–438  
 for enynes 438, 439
- Heptadienes—*see also* Cycloheptadienes  
 radiolytic reactions of 336
- Heptaenes—*see also* Tetradecaheptaene
- Heptafulvenes, thermochemistry of 92, 97
- Heptatrienes—*see also* Cycloheptatrienes  
 cyclization of 98
- Heptatrienyl radicals, electron affinity of 739
- Heteroannular dienes,  
*cisoid* 120–122, 126  
*s-cis* 126, 128
- Heteroradialenes 55, 929, 930

- Hexadienes—*see also* Cyclohexadienes  
palladium-catalysed oxidation of 659  
radiolysis of 335  
reactions with hydrogen atoms 328  
structure of 28  
thermochemistry of 71
- Hexaenes—*see also* [4.4.4]Propellahexaene  
cationic cyclization of 533
- Hexaenoates—*see* Docosahexaenoates
- Hexaenoic acids—*see* Docosahexaenoic acid
- Hexahydroanthracene, [4+4]photocycloaddition of 306, 307
- Hexakis(ethylidene)cyclohexane, structure of 58, 60
- Hexaquinacenes, structure of 50
- Hexatrienes—*see also* 1,6-Diphenylhexatriene  
conformation of 161–166  
calculated 7–9  
cyclization of 510  
excited states of 13, 14  
structure of 31, 32, 34, 35  
thermochemistry of 87, 88  
vibrational frequencies for 9  
vibrational spectra of 161–166
- Homoallylic substituents 123
- Homoannular dienes, *cisoid* 122
- Homoaromaticity 90, 225—*see also* Bishomoaromaticity
- HOMO coefficients 630
- Homoconjugation 26, 30, 41, 43, 47, 50, 224, 225
- Hopene, mass spectrum of 492, 493
- Horner–Wadsworth–Emmons reaction, as synthetic procedure for conjugated dienes/polyenes 412, 415–420  
iterative 423, 424
- Hückel treatment 120, 199, 203, 204
- Hydroazulenones, synthesis of 282
- Hydrogenation, as analytical method 496
- Hydrogen bonding, parameterization of 711, 712
- Hydrogen halides, addition to dienes 627, 631
- 2-Hydroxyalkyl-4-pyrone, photorearrangement of 290, 291
- 3-Hydroxyalkylpyrroles, synthesis of 305, 306
- 4-Hydroxycyclohexene, radiolytic formation of 331
- Hydroxyl radicals, reactions of 328
- 3-Hydroxy-4-pyrone, photorearrangement of 288, 289
- 4-Hydroxypyrylium ions, photorearrangement of 289
- Hydroxytropylium ions 313
- Hyperbilirubinemia, neonatal, mechanism of treatment of 776
- Hyperconjugation 30, 41, 43, 47, 48, 207–209
- Hyperpolarizability 15
- Ikarugamycin, synthesis of 274
- Iminostilbene, tritium-labelled, synthesis of 821, 822
- INDO calculations 338
- Indolizidine alkaloids, synthesis of 677
- Indometacin farnesil, <sup>14</sup>C-labelled, synthesis of 827, 829, 830
- Inductive effect 204–207
- Infrared laser beams 46
- Infrared spectroscopy 151  
as analytical method 501  
of 1,3-butadiene 158, 161, 162  
of 1,3,5-hexatriene 162–166
- Ingenane 315, 317
- Intermolecular force (IMF) equation 713, 714, 730
- Intermolecular forces, parametrization of 711–714, 729, 730
- 17 $\alpha$ -(2-Iodoethenyl)androsta-4,6-dien-17 $\beta$ -ol-3-one, <sup>125</sup>I-labelled, synthesis of 845, 846
- $\omega$ -Iodoundecenyl cholesteryl ether, <sup>125</sup>I-labelled, synthesis of 846
- Ionization energies 175–178  
adiabatic 176  
vertical 176, 199
- Ionization potential 733, 734
- Ion pair acidity 734
- Isocarbacyclin derivatives, deuterium-labelled, synthesis of 796, 797
- Isodesmic reactions 78
- Isoprene,  
acidity of 740  
conformation of 161  
photodimerization of 296  
polymerization of, radiation-induced 344, 346  
radiolysis of 335  
thermochemistry of 88
- Isopropylidene-norbornenes, structure of 47
- Isopyrazoles, Diels–Alder reaction of 580, 587
- Isotoluenes, thermochemistry of 92, 98, 99
- Isotope effects,  
HPLC 801, 802, 860  
in mechanistic studies 848–861  
on rates of proton transfer 734  
tritium, in synthesis of polyenes 822–824
- Jahn–Teller distortion 211, 225
- Julia reaction, as synthetic procedure for conjugated dienes/polyenes 388–395
- Juvenile insect hormones, tritium-labelled analogues of, synthesis of 809–812
- Kadsurenone, hybrid with ginkolide 301, 303
- Ketenes, trapping of 266, 268

- Ketones—*see also* Lumiketones, Perilla-ketones, Radialene ketones formation of 891
- Ketyl radicals, dimerization of 642
- Knoevenagel reaction, as synthetic procedure for conjugated dienes/polyenes 379–381
- Kojic acid, reactions of 288, 289
- Kolbe electrolysis 638, 640
- Koopmans' states 240, 241
- Koopmans' theorem 199, 200, 204
- $\gamma$ -Lactones, formation of 644, 645
- LDR equation 689, 690
- Leukotriene A<sub>4</sub> methyl ester, deuterium-labelled, synthesis of 781, 782
- Leukotriene B<sub>4</sub>, deuterium-labelled, synthesis of 782
- Leukotriene B<sub>4</sub> methyl ester, deuterium-labelled, synthesis of 782, 783
- Leukotriene C<sub>4</sub>, <sup>13</sup>C-labelled, synthesis of 804, 805
- Ligand control 663
- Limones, oxidation of 892 tritium-labelled, synthesis of 818, 819
- Lindlar catalyst 453, 454
- Liquid chromatography, in separation of dienes/polyenes 485
- $\alpha$ -Lumicolchicine, synthesis of 268, 269
- Lumiketones, synthesis of 281
- LUMO coefficients 630
- Lycopene, analysis of 501, 502
- Lycoranes, synthesis of 670, 671
- Macrocycles, metal, zeolite-encapsulated 668
- Macrocyclization reactions 629
- Malonyl radicals, addition to dienes 631
- Marmelo oxides, synthesis of 669
- Mass spectrometry, as analytical method 484–486, 489–496, 501, 776
- McMurray coupling, as synthetic procedure for conjugated dienes/polyenes 371, 428, 429
- all-*trans*-Menaquinone-4, <sup>14</sup>C-labelled, synthesis of 837
- Mesobilirubin-XIII $\alpha$ , bis-[<sup>13</sup>COOH]-labelled, synthesis of 805, 806
- Mesoporphyrin IX dichloride, <sup>119m</sup>Sn-labelled, synthesis of 847, 848
- Metalloporphyrins, as oxidizing agents 891, 898–900
- Metal salen complexes, as oxidizing agents 891, 898, 900, 901
- Methanofullerenes, structure of 58, 59
- Methanoprostaglandin I<sub>1</sub> methyl esters, synthesis of, deuterium-labelled 793–797 tritium-labelled 813, 815, 816
- Methylbenzyl cations 99
- Methyl-1,3-butadienes, structure of 33
- Methylenecycloalkanes—*see also* Bismethylenecycloalkanes structure of 51
- Methylenecycloalkenes, structure of 51–54 thermochemistry of 92
- Methylenecycloheptatriene, thermochemistry of 92
- Methylenecyclohexadienes, structure of 53, 54
- Methylenecyclopentadienes, structure of 52, 53 thermochemistry of 92
- Methylene increment 89
- Methyl-1,3-pentadienes, polymerization of, radiation-induced 344
- Methyl radicals—*see also* Dicyanomethyl radicals, Trihalomethyl radicals addition to dienes 620, 621, 631
- Meyer-Schuster rearrangement 875, 876
- MNDO method, in study of Diels–Alder reaction 18
- MO calculations, of rotational strength 120, 143, 144
- Molecular orbitals, canonical 197, 198, 220 localized orthogonal 220, 221 virtual 228
- Möller–Plesset (MP) perturbation theory 3
- Monte Carlo study 19
- MP2 calculations 3, 5, 6, 8, 18
- MP3 calculations 5, 6
- MP4 calculations 3, 5, 6, 18
- MSAD acidity scale 739
- Mulliken populations 737
- Mycoticin A/B, structure determination of 500, 501
- Naphthalenes 68, 69—*see also* Dihydro-naphthalenes, Tetrahydronaphthalenes Diels–Alder reaction of 569, 570 thermochemistry of 90, 103
- Naphtharadialene 928, 971
- Natural bond orbital (NBO) analysis 742
- Nazarov reaction 508
- NBO analysis 32
- Neryl glucosides, deuterium-labelled, synthesis of 788–790
- Nitroform anions 332
- Nitrogen, extrusion of, in synthesis of conjugated dienes 401
- Nonaenes—*see* Octadecanoaene
- Nonconjugated dienes 68 anodic oxidation of 759–764  $\beta$ -cleavage of 486, 489 cyclization of 518–521, 542, 543

- by anionic reactions 536–539  
 by cationic reactions 525–531  
 by free-radical reactions 522–525  
 metal-catalysed 539–541  
 oxidation of,  
   palladium-catalysed 655–661  
   with metalloporphyrins 899, 900  
   with osmium tetroxide 895  
   with ozone 920, 921  
   with permanganate 892, 894  
   with peroxy compounds 903–913  
   with singlet oxygen 915  
   with triplet oxygen 916–919  
 photorearrangement of 276–280  
 structure of 26–28  
 thermochemistry of 70, 71, 85, 86
- Nonconjugated polyenes,  
   structure of 28–31  
   thermochemistry of 72
- Nonenols, synthesis of 298
- Norbornadienes,  
   acidity of 736, 737, 739  
   electrooxidation of 761–763  
   structure of 46
- Norbornene, acidity of 737
- Norcaradienes, structure of 43–45
- Norrish Type II cleavage 299, 300
- Nuclear magnetic resonance spectroscopy,  
   as analytical method 483, 484, 501  
   of allenyl cations 881, 882
- Nucleophiles, as cation traps 644
- Nystatin, structure determination of 500
- Occidentalols 119  
   synthesis of 273, 274
- Octadecanonaene, thermochemistry of 102
- Octadienes—*see* Cyclooctadienes
- Octalene, thermochemistry of 103
- Octalins, formation of 511, 512, 525, 526, 530, 531
- Octamethylporphyrin,  $^{15}\text{N}$ -labelled, synthesis of 807
- Octatetraenes—*see also* Cyclooctatetraene  
   cyclization of 510  
   excited states of 14  
   geometry/conformation of 7–9  
   structure of 31  
   vibrational frequencies for 9
- Octatrienes—*see* Cyclooctatrienes
- $\pi$ -Olefin complexes 654
- Oligoenes,  
   chirality of 141  
   radiolysis of 339–343
- Oligomerization, radiation-induced 343–346
- Optical rotatory dispersion (ORD)  
   spectroscopy 112  
   of tetrahydronaphthalenes 114, 115
- Orbital energies 200
- $\pi$ -Orbitals,  
   manifold of 214  
   nonconjugated, interaction between 215–228, 250–254  
   two-centre 201, 202
- Organic conductors 930
- Organometallic compounds—*see also*  
   Allyllithiums, Allylpotassiums, Grignard reagents, Metalloporphyrins, Metal salen complexes, Vinylolithiums  
   unsaturated, in synthesis of conjugated dienes 378, 379
- Osmium tetroxide, as oxidizing agent 891, 894–898
- Overlap integrals 223
- Oxaspirocyclization reactions 675
- Oxazoles, Diels–Alder reaction of 580, 587
- Oxazolines, bicyclic—*see* Bicyclic oxazolines
- Oxidation,  
   aerobic 653, 667, 668  
   as analytical method 496–498  
   as terminating step in radical reactions 644–649
- copper-catalysed 658, 670, 671
- palladium-catalysed 653–679  
   with dichromate 898  
   with metalloporphyrins 898–900  
   with metal salen complexes 898, 900, 901  
   with osmium tetroxide 891, 894–898  
   with oxygen 913–921  
   with permanganate 891–894  
   with peroxy compounds 901–913  
   with ruthenium tetroxide 898
- Oxoketene dithioacetals, as precursors of conjugated dienes/polyenes 463, 464
- 4-Oxo-13-cis-retinoic acid,  $^{13}\text{C}$ -labelled, synthesis of 805
- 1,4-Oxyamination, palladium-catalysed 670
- 1,4-Oxychlorination 669, 675
- Oxygen,  
   as oxidizing agent 913–921  
   as radical trap 639
- 1,4-Oxylactonization 668
- Ozonation, as analytical method 497
- Ozone, as oxidizing agent 920, 921
- Ozonides, formation of 891
- Paracyclophanes, electrooxidation of 762, 763
- Parriser–Parr–Pople (PPP) method 14
- 1,3-Pentadiene,  
   acidity of 740  
   radiolysis of 335
- 1,4-Pentadiene,  
   structure of 26, 27  
   thermochemistry of 71

- Pentadienes—*see* Cyclopentadienes, 2,4-  
 Dimethylpentadiene, Methyl-1,3-pentadienes, 1,3-Pentadiene, 1,4-Pentadiene  
 Pentadienyl anions 749, 750  
 Pentadienyl radical cations 338  
 Pentadienyl radicals, electron affinity of 739  
 Pentaenes—*see* 1,3,5,7,9-Decapentaene, Fecapentaene  
 Pentafulvenes 92  
 Pentalene, thermochemistry of 103  
 Perillaketones, synthesis of 299  
 Permanganate, as oxidizing agent 891–894  
 Permethylradialemes, structure of 60, 61  
 Peroxo compounds, as oxidizing agents 901–913  
 Peterson reaction, as synthetic procedure for conjugated dienes/polyenes 414–426  
 $\alpha$ -Phellandrene, photocycloaddition of 274, 275  
 Phenanthrenes, Diels–Alder reaction of 568, 569  
 Phenyl-1,3-butadienes, structure of 34  
 1-Phenylethyl radicals, addition to dienes 624  
 Pheromones, synthesis of 665  
 Phorbol 315, 317  
 synthesis of 289  
 Phospholes, Diels–Alder reaction of 580, 588  
 Photodissociation, photoionization/mass spectrometry 496  
 Photoelectron spectroscopy 175–228  
 interpretation of spectra 197–199  
 ionization energies and 175–178  
 of dienes 178–182  
 of polyenes 178, 183–185  
 primary processes in 175  
 Photosantonic acid, synthesis of 265, 266  
*trans*-Piperylene, polymerization of, radiation-induced 344  
 Planar diene rule 136  
 Planar dienes 114, 117  
*s-cis* 132–134, 141, 142  
*s-trans* 135–137, 141, 142  
 Plastic phases 46  
 Polarizability 15  
 bond–bond 213  
 Polyacetylene,  
 absorption spectrum of 158  
 quantum-chemical calculations for 9, 10  
 radiation chemistry of 352, 353  
 Raman spectra of 166, 169  
 structures of 168  
 thermochemistry of 87  
 Polyalkynes—*see also* Polyacetylene  
 chirality of 141  
 radiation chemistry of 352–354  
 Polybutadienes,  
 formation of 343  
 radiation chemistry of 346–351  
 Polycyclic dienes,  
 oxidation of,  
 with osmium tetroxide 895–897  
 with ozone 921  
 with peroxy compounds 906  
 with ruthenium tetroxide 898  
 with triplet oxygen 918, 919  
 structure of 41–50  
 Polycyclic polyenes, structure of 41–50  
 Polyene macrolides, analysis of 500, 501  
 Polyenes—*see also*  $\alpha,\omega$ -Dialkylpolyenes,  $\alpha,\omega$ -Diphenylpolyenes,  $\alpha,\omega$ -Dithienylpolyenes, Heptaenes, Hexaenes, Nonaenes, Pentaenes, Spiropolyenes, Tetraenes, Trienes  
 absorption spectra of 155–158  
 acidity of 748, 749  
 buried 68  
 cathodic reduction of 770–773  
 conformation of 166–169  
 conjugated—*see* Conjugated polyenes  
 cross-conjugated—*see* Cross-conjugated polyenes  
 cumulated—*see* Cumulated polyenes  
 cyclic—*see* Cyclic polyenes  
 electronic spectra of 236–238  
 electronic structure of 154  
 fluorescence spectra of 156, 157  
 long,  
 excited states of 14, 15  
 geometry/force fields for 9, 10  
 nonconjugated—*see* Nonconjugated polyenes  
 PE spectra of 178, 183–185  
 radical additions to 620–627  
 regioselectivity in 630–634  
 Raman spectra of 166–169  
 retinyl—*see* Retinyl polyenes  
 synthesis of,  
 $^{11}\text{C}$ -labelled 824–826  
 $^{13}\text{C}$ -labelled 802–806  
 $^{14}\text{C}$ -labelled 827, 829–841  
 deuterium-labelled 776–802  
 $^{125}\text{I}$ -labelled 845, 847  
 $^{15}\text{N}$ -labelled 807  
 $^{119m}\text{Sn}$ -labelled 847, 848  
 tritium-labelled 808–818, 821–824  
 Polyenoates—*see* Hexanoates, Trienoates  
 Polyenoic acids—*see* Hexaenoic acids, Tetraenoic acids  
 Polyenyl radicals 619, 625  
 reactions of 627–630  
 regioselectivity in 634–643

- Polyhomoallylic fatty acids,  $^{11}\text{C}$ -labelled, synthesis of 824, 825
- Polyisoprene, formation of 344–346  
radiation chemistry of 346–351
- Polymerization—*see also* Copolymerization  
radiation-induced 343–346
- Polymers, radiolysis of 346–351  
effect of oxygen on 347
- Polymorphism 29, 46
- Porphyrins—*see also* Metalloporphyrins,  
Octamethylporphyrin  
in aerobic oxidation 667
- Potential energy functions 6
- Potential surfaces 6, 7
- Precalciferol, ring closure of, photochemical 268, 271
- Prednisolone, deuterium-labelled, synthesis of 799, 800
- Prednisolone suleptanates,  $^{14}\text{C}$ -labelled, synthesis of 842, 843
- Prednisone, deuterium-labelled, synthesis of 799, 800
- Propargyl cations 873
- Propargyl halides, solvolysis of 874
- Propelladienes 90
- [4.4.4]Propellahexaene, structure of 45, 46
- Propellanes 90
- Propenes—*see also* Cyclopropenes  
acidity of 736, 739
- Prostaglandins, synthesis of, biomimetic 639, 640  
isotopically labelled 776, 784, 786–788, 793–799, 812–818, 827
- Protoanemonin, in Diels–Alder reaction 18
- Proton affinity, measurement of 99
- Proton transfer, rates of, isotope studies of 734
- Pseudomonas putida*, in synthesis of conjugated dienes 465
- Pseudoscopine, synthesis of 665
- Pumiliotoxin, synthesis of 678, 679
- Pyridinium sulphonate, ring opening of 460
- Pyridones,  
Diels–Alder reaction of 580, 589  
[4+4]photocycloaddition of 308, 309
- Pyrones—*see also* Dewar pyrones, 2-Hydroxyalkyl-4-pyrones, 3-Hydroxy-4-pyrones  
Diels–Alder reaction of 580, 588  
[4+4]photocycloaddition of 310–313  
photorearrangement of 287–289
- Pyrrolcarboxylates,  $^{15}\text{N}$ -labelled, synthesis of 807
- Pyrroles—*see also* 3-Hydroxyalkylpyrroles  
Diels–Alder reaction of 575, 580, 586  
Paterno–Büchi cycloaddition of 305, 306
- Pyrrolizidine alkaloids, synthesis of 677
- Pyrylium ions—*see also* 4-Hydroxypyrylium ions  
ring opening of 459, 461, 462
- QCISD(T) level 17
- QCSR 720, 721, 723
- QSPR 721–727
- QSRR 716–720, 723–725
- Quinodimethanes—*see also*  $\alpha$ -Quinodimethanes, Xylylenes  
 $\alpha$ -Quinodimethanes, intramolecular Diels–Alder reaction of 514–516
- Quinone monoketals, photorearrangement of 282
- Radialene ketones 951, 963
- Radialenes—*see also* Heteroradialenes, Naphtharadialene, Permethylradialenes, Trimethylsilylethylnylradialenes  
expanded 929  
synthesis of 970–973  
nomenclature of 927–930  
significance of 930
- [3]Radialenes 928  
catalytic hydrogenation of 940  
colour of 937, 940, 943  
cycloadditions of 941  
functionalized 936–939  
in donor–acceptor complexes 945  
oxidation of 941, 942  
photoionization of 941  
protonation of 940, 941  
reduction of 937, 941–943, 945  
structure of 55–57, 60, 61  
synthesis of 931–940  
by cyclotrimerization 936  
from bis(4-hydroxyphenyl)cyclopropenones 938  
from 1,1-dihaloalkenes 935  
from hexachlorocyclopropane 940  
from tetrachlorocyclopropane 939  
thermal stability of 931, 937  
with quinoid substituents 935–937
- [4]Radialenes 928  
colour of 946  
cycloadditions of 955, 956  
cyclopropanation of 956, 957  
electrophilic addition to 957, 958  
isomerization of 958  
phenyl-substituted 945  
redox reactions of 959, 961  
ring opening of 958  
structure of 55, 57, 58, 60, 61  
synthesis of 945–954, 963  
by cyclodimerization of cumulenes/trienes 947–951  
from bis(1-diazo-2-oxoalkyl)silanes 949

- [4]Radialenes (*cont.*)
  - synthesis of (*cont.*)
    - from cyclobutanes 944–946
    - from dihalides 952, 953
    - thermal stability of 954, 955
- [5]Radialenes 928
  - electrochemistry of 963
  - structure of 55, 56, 58, 60, 61
  - synthesis of 961–964
- [6]Radialenes 928
  - as ligands 968
  - cycloadditions of 967, 969
  - cyclopropanation of 967, 968
  - electrophilic addition to 966
  - epoxidation of 968
  - photoisomerization of 968
  - stability of 965
  - structure of 55, 56, 58, 60, 61
  - synthesis of 951, 964, 965
  - thermal rearrangement of 966
- [7]Radialenes 970, 971
- [8]Radialenes 970, 971
- Radical addition 619–649
  - intramolecular 627
  - regioselectivity of 630–634
- Radical cations,
  - electronic doublet states of 175
  - electronic structure of,
    - by electronic spectra 229–239
    - by PE spectra 175–228
    - by theoretical methods 240–243
- Radical cyclization 627–630, 633, 634, 646
- Radical halogenation 636
- Radical pair mechanism 639
- Radical reactions—*see also* Radical addition,
  - Radical cyclization, Radical halogenation chain 619, 620, 626, 642
  - nonchain 644–649
- Radical recombination 620, 639, 641, 643
- Radicals, initiator-derived, addition to dienes 624
- Radical scavengers 327, 328
- Radiolysis,
  - of dienes,
    - in aqueous solution 327–334
    - in non-aqueous solvents 334–339
    - of water 327
- Raman spectroscopy 151–153
  - of 1,3-butadiene 158–161
  - of polyenes 162–169
- Ramberg–Backlund reaction, as synthetic procedure for conjugated dienes/polyenes 374, 375
- Reaction volume 548–552
  - relationship with ring size 603, 608, 609
- Receptor interactions, determination of mechanism of 776
- Regioselectivity,
  - in Diels–Alder reaction 19
  - in radical additions 630–634
  - in reactions of polyenyl radicals 634–643
- Retinals,
  - structure of 150
  - thermochemistry of 87
  - tritium-labelled, synthesis of 808
- Retinoates,  $^{14}\text{C}$ -labelled, synthesis of 836
  - 9-cis-Retinoic acids, tritium-labelled, synthesis of 808, 809
- 13-cis-Retinoic acids—*see also* 4-Oxo-13-cis-Retinoic acid
  - synthesis of,
    - $^{14}\text{C}$ -labelled 834, 836
    - deuterium-labelled 783, 784
- Retinoids, tritium-labelled, synthesis of 809
- Retinyl polyenes, radiolysis of 336
- Retro-Diels–Alder reaction, as synthetic procedure for conjugated dienes 405, 406
- Rhodopsins 141
- Ring-closing metatheses 542, 543
- Ritter-type processes 293, 294
- Rotational strength 114, 120, 123
  - charge-displacement calculation of 144–146
  - MO calculation of 120, 143, 144
- Rupe rearrangement 875, 876
- Ruthenium tetroxide, as oxidizing agent 898
- Santonin, photorearrangement of 281
- Sarracenin, synthesis of 298
- SCF calculations 220
- Scopine, synthesis of 665
- Sector rules 136
- Selenoxides, elimination reactions of 374
- Self-consistent field methods 2, 3
- Semibenzenes 92
- Semibullvalene, structure of 49
- Shapiro reaction, as synthetic procedure for conjugated dienes 377, 378
- SIFT technique 735
- Sigmatropic rearrangements,
  - effect of pressure on 596, 597, 600, 601
  - photochemical 276–278
- Silanes—*see also* Allylsilanes
  - reactions of, calculation of acidities from 736
- Silyl groups, elimination of, in synthesis of conjugated dienes 376, 377
- Simvastatin,  $^{14}\text{C}$ -labelled, synthesis of 843
- Solvents, models for 19
- Spin trapping 326
- Spiroconjugation 41–43, 225–228
- Spirocyclization reactions 282, 283, 675, 676—*see also* Oxaspirocyclization reactions

- Spirocyclopropanes, as part of homoconjugated system 47
- Spirodienes—*see also* Dispirodecadiene structure of 41, 42
- Spiropolyenes, structure of 41–43
- Spirotetraenediones, structure of 42
- SPQR 683–687
- Squalenes, mass spectra of 492, 493 synthesis of, <sup>13</sup>C-labelled 802–804 <sup>14</sup>C-labelled 838, 839 tritium-labelled 823, 824
- Stannanes, addition to dienes 627
- Stereochemical switches 662
- Stereoselectivity, dual, in palladium-catalysed chloroacetoxylation 665 in Diels–Alder reaction 19
- Steric effects 702–710 composite model of 710 monoparametric model of 704–707, 729 primary 702, 703 secondary 703 segmental model of 709, 710, 729 simple branching model of 708, 729
- Steric interactions, in determination of stable conformations 7
- Steroidal 5α-reductase inhibitors, isotopically labelled, synthesis of 831–833
- Steroid hormones, isotope studies of 799
- Steroids, synthesis of 532
- Stilbenes—*see also* Iminostilbene photocyclization of 276
- Stille coupling, as synthetic procedure for conjugated dienes/polyenes 439–446
- Stork–Eschenmoser hypothesis 532
- Structure–property quantitative relationship (SPQR) 683–687
- Styrene, copolymerization with butadiene 346
- Sulphonates—*see* Azulenesulphonates, Pyridinium sulphonates
- Sulphones—*see* Allylic sulphones, Vinyl sulphones
- Sulphoxides, elimination reactions of 374
- Sulphur dioxide, extrusion of, in synthesis of conjugated dienes/polyenes 395, 397–400
- Suzuki coupling, as synthetic procedure for conjugated dienes/polyenes 446–449
- Tachisterol 141
- Taxane B-C ring synthon, construction of 310
- Taylorione, dideoxy derivative of, synthesis of 278, 279
- Tebbe's reagent, in synthesis of dienes 426, 427
- Terpenes, mass spectra of 489–492
- α-Terpinene, ring cleavage of 892
- Terrein, formation of 288, 289
- Tetradecaheptaene 103, 104
- Tetraenes—*see also* Octatetraenes cathodic reduction of 771, 772 cationic cyclization of 532 electronic spectra of 237 PE spectra of 178, 184, 185 thermochemistry of 74, 75
- Tetraenoic acids—*see* Eicosatetraenoic acids
- Tetrahydrofurans, synthesis of 668
- Tetrahydronaphthalenes, ORD spectra of 114, 115
- Tetrahydropyrans, synthesis of 668
- Tetralin, thermochemistry of 90
- Tetravinylmethane, structure of 28–31
- Theaspirone, synthesis of 675, 676
- Thermal desorption, in structure determination of dienes 486, 487
- Thermoluminescence 335
- Thiocolchicides, <sup>14</sup>C-chloroacetates of, synthesis of 838, 840
- Thiols, addition to dienes 627, 631 as radical traps 634, 635
- Through-bond interactions 216, 218–223
- Through-space interactions 208, 216, 218–223
- Tilmicosin, <sup>14</sup>C-labelled, synthesis of 841, 842
- Tin hydrides, as radical traps 634, 635, 640
- Tosyl cyanide, addition to dienes 636, 637
- Tosyl radicals, addition to dienes 631
- Transition metal hydride complexes, reactions with dienes 639
- Transmetalation reactions 734, 738, 739
- Transoid conformation, of conjugated dienes 112, 113, 131
- Triafulvalene, structure of 51
- Triafulvenes, thermochemistry of 92, 97
- Trialkylsilyl radicals, addition to dienes 626
- Triaryllallenyl cations 871
- Trienes—*see also* Heptatrienes, Hexatrienes, Octatrienes anodic oxidation of 764–767 cathodic reduction of 770, 771 cationic cyclization of 531, 532 electronic spectra of 236, 237 intramolecular Diels–Alder reaction of 511, 512 PE spectra of 178, 183, 184 ring closure of, photochemical 270, 271, 274, 275 thermochemistry of 73, 74, 87–91
- Trienoates—*see* Eicosatrienoates
- Trienones, intramolecular Diels–Alder reaction of 513–515
- Trienyl cations 883–885

- Trihalomethyl radicals, addition to dienes 620–622
- Trimethylsilylethylnylradialenes, structure of 56, 57
- Triphenylallyl anions 734
- Triquinacenes, structure of 50  
thermochemistry of 86
- Tris(2-adamantylidene)cyclopropane 935
- Tris(fluoren-9-ylidene)cyclopropane, synthesis of 931
- Tris(quino)cyclopropane 935, 937
- Trivinylcyclopropanes, structure of 48
- Tropilides, thermochemistry of 89–91
- Tropone oxime tosylate, as triene precursor 464
- Tropones, alkene-tethered, intramolecular [6+2]photocycloaddition of 313, 314  
Diels–Alder reaction of 575, 579–581, 596
- Tropylium ions—*see* Hydroxytropylium ions
- Trost cyclization, as synthetic procedure for conjugated dienes 450
- Ultraviolet–visible spectroscopy, as analytical method 482, 483, 501
- Van der Waals interactions, parameterization of 712
- Van der Waals volume 550–552
- Verrucarin A, tritium-labelled, synthesis of 817, 818
- Verrucarol, tritium-labelled, synthesis of 817, 818
- $\beta$ -Vetivone, synthesis of 282, 283
- Vibrational spectroscopy—*see also* Infrared spectroscopy, Raman spectroscopy  
of dienes 158–161  
of polyenes 161–169
- Vibronic coupling 9
- Vibronic mixing 211
- Vilsmeier reaction, as synthetic procedure for conjugated dienes 464
- Vinyl anions, geometry of 737  
in solution 738, 739
- inversion of 737  
theoretical studies of 737, 738
- Vinylbicycloheptenols, deuterium-labelled, synthesis of 776, 777
- Vinyl cations 869, 872
- Vinylcyclopropane rearrangement 633
- Vinylcyclopropanes—*see also* Trivinylcyclopropanes  
synthesis of 277, 279, 280
- Vinyl ethers, acidity of 735, 736
- Vinyl hydrogens, gas-phase acidity of 735–737
- Vinyl ketones—*see also* Divinyl ketones  
Diels–Alder reaction of 20
- Vinyllithiums 739
- Vinyl radicals, electron affinity of 739
- Vinyl sulphones, reductive desulphonylation of 375, 376
- Vitamin A 141  
deuterium-labelled, synthesis of 783–785
- Vitamin B<sub>12</sub>, synthesis of 276
- Vitamin D 141  
Vitamin D<sub>2</sub>, photocyclization of 275, 276
- Vitispirane, synthesis of 675, 676
- Walborsky reaction 371
- Walsh orbitals 209
- Wittig–Horner reaction, as synthetic procedure for conjugated dienes/polyenes 415, 421, 422
- Wittig reaction 805  
as synthetic procedure for conjugated dienes/polyenes 407–411
- Wollenberg reaction, as synthetic procedure for conjugated dienes/polyenes 382–387
- Xylylenes, structure of 53, 54  
thermochemistry of 93, 99, 100
- Ylides, arsenic—*see* Arsenic ylides
- Yuwaka–Tsuno (YT) equations 688–690
- Zirconocene, in cyclizations 539, 540
- Zwitterionic intermediates, in photo-rearrangements 281–290, 293, 294