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ACTA Review Index

(Sortable by Year, Vol. No., Issue No., Author, Title, and Affiliation. Click headers to sort.)

Year	Vol.	No.	First Author	Other Author(s)	Pages	Title	Affiliation
1968	1	1	Buth, William F.		03 to 05	Fragment Information Retrieval of Structures	Aldrich Chemical Co., Inc.
1968	1	1	Bader, Alfred		06 to 07	Chemistry and Art	Aldrich Chemical Co., Inc.
1968	1	1	Higbee, W. Edward		17 to 18	A Portrait of Aldrich Chemical Company	Aldrich Chemical Co., Inc.
1968	1	2	West, Robert		03 to 06	Squaric Acid and the Aromatic Oxocarbons	University of Wisconsin at Madison
1968	1	2	Bader, Alfred		17 to 18	Of Things to Come	Aldrich Chemical Co., Inc.
1968	1	3	Koppel, Henry		03 to 05	The Compleat Chemists	Aldrich Chemical Co., Inc.
1968	1	3	Biel, John H.		15 to 18	Biogenic Amines and the Emotional State	Aldrich Chemical Co., Inc.
1968	1	4	Biel, John H.	Warawa, E.J.	03 to 05	Chemistry of the Quinuclidines	Aldrich Chemical Co., Inc.
1968	1	4	Clark, Anthony M.		15 to 18	Dutch Art and the Aldrich Collection	Aldrich Chemical Co., Inc.
1969	2	1	May, Everette L.		03 to 06	The Evolution of Totally Synthetic, Strong Analgesics	National Institutes of Health
1969	2	1	Anonymous		17 to 18	Computer Aids Search for R&D Chemicals	Reprinted from C&EN 1968, 46 (Sept. 2), 26-27
1969	2	2	Hopps, Harvey B.	Biel, John H.	03 to 06	The Wittig Reaction	Aldrich Chemical Co., Inc.
1969	2	2	Bader, Alfred R.		15 to 17	Prague Revisited	Aldrich Chemical Co., Inc.

1969	2	3	None		01 to 16	No review was published! The whole issue is a catalog supplement.	Aldrich Chemical Co., Inc.
1970	3	1	Bader, Alfred R.		03	Thallium Chemistry: A Study in International Cooperation	Aldrich Chemical Co., Inc.
1970	3	1	Taylor, Edward C.	McKillop, Alexander	04 to 09	Organothallium Chemistry-New Horizons in Synthesis	Princeton University & U. of East Anglia
1970	3	2	Klundt, Irwin L.		03 to 06	Synthesis of Benzocyclobutene and Derivatives	Aldrich Chemical Co., Inc.
1970	3	2	Friess, S. L.		16	Steroidal Saponin Esters Elaborated by Poisonous Marine Echinoderms	Naval Medical Research Institute
1970	3	3	Ferguson, James L.		03	Liquid Crystals and Science	Kent State University
1970	3	3	Bader, Alfred R.		06 to 07	Liquid Crystals and Modern Art	Aldrich Chemical Co., Inc.
1970	3	4	Daly, John	Witkop, Bernhard	03 to 06	Batrachotoxin, a Novel Steroidal Alkaloid with Selective Effects on Biomembrane Permeability	National Institutes of Health
1970	3	4	Hopps, Harvey B.		09 to 12	Preparation and Reactions of Diazomethane	Aldrich Chemical Co., Inc.
1971	4	1	Pedersen, Charles J.		01 to 04	Macrocyclic Polyethers for Complexing Metals	E.I. Du Pont De Nemours & Co., Inc.
1971	4	2	Bader, Alfred		17 to 19	Cornelis Bega's Alchemist: A Problem in Art History	Aldrich Chemical Co., Inc.
1971	4	2	Ferosie, Ishak		21 to 23	Isonitriles	Aldrich Chemical Co., Inc.
1971	4	3	Anonymous		33 to 48	Special Reagents for Thiol Groups	Aldrich Chemical Co., Inc.??
1971	4	4	Campbell, John R.		55 to 60	Lanthanide Chemical Shift Reagents	Aldrich Chemical Co., Inc.
1971	4	4	Epton, R.	Thomas, T.H.	61 to 65	Improving Nature's Catalysts	Koch-Light Laboratories, Ltd.
1972	5	1	Li, J.P.		05 to 13	Bifunctional Catalysis	Aldrich Chemical Co., Inc.
1972	5	1	Anonymous		14	Better Computer Searches from Aldrich	Aldrich Chemical Co., Inc.

	1972	5	2	Cox, James R., Jr.	Willcott, M. Robert, III	17 to 25	Deuterium Analysis and Organic Chemistry	University of Houston
	1972	5	2	Campbell, John		29 to 32	The Determination of Optical and Enantiomeric Purity by Nuclear Magnetic Resonance Spectroscopy (NMR)	Aldrich Chemical Co., Inc.
	1972	5	3	Kiesow, L. A.		33 to 37	A Biologic Assimilation of Inorganic Energy	Naval Medical Research Institute
	1972	5	3	May, Everette L.		38 to 40	The Methadone Story	National Institutes of Health
	1973	6	1	Lipowitz, Jonathan	Bowman, Sheryl A.	01 to 06	The Use of Polymethylhydrosiloxane (PMHS) as a Reducing Agent for Organic Compounds	Dow Corning Corp.
	1973	6	1	Olah, George A.		07 to 16	Carbocation and Onium Ion Reagents	Case Western Reserve University
	1973	6	2	Lane, Clinton F.		21 to 34	The Versatile Boranes	Aldrich-Boranes, Inc.
	1973	6	3	Wiswesser, W.J.		41 to 49	Chemical Information Management for the 21st Century	Fort Detrick
	1973	6	3	Lane, Clinton F.		51 to 58	The Borane-Amine Complexes	Aldrich-Boranes, Inc.
	1974	7	1	Chignell, Colin F.		01 to 06	The Application of Electron Spin Resonance and Spin-Labeling in Biochemistry and Pharmacology	National Heart and Lung Institute
	1974	7	1	Lane, Clinton F.		07 to 08	Organic Synthesis via Organoboranes II Selective Reductions Using Borane-Tetrahydrofuran Complex	Aldrich-Boranes, Inc.
	1974	7	1	Anonymous		09 to 15	A Brief Survey of Polymer Chemistry	Aldrich Chemical Co., Inc. (?)
	1974	7	2	Look, Melvin		23 to 29	Hexachlorocyclopentadiene Adducts of Aromatic Compounds and their Reaction Products	Hyman Laboratories, Inc.
	1974	7	2	Lane, Clinton F.		32 to 33	Organic Synthesis via Organoboranes.III. Ester Reductions with Super-Hydride	Aldrich-Boranes, Inc.
	1974	7	2	Griffiths, David W.		35 to 38	The Aldrich First System of Information Retrieval	Aldrich Chemical Co., Inc.

	1974	7	3	Brown, Herbert C.		43 to 52	New Reagents for Hydroboration and for Synthesis via Boranes	Purdue University
	1974	7	3	Krishnamurthy, S.		55 to 60	Trialkylborohydrides as New Versatile Reducing Agents in Organic Synthesis	Purdue University
	1975	8	1	Lane, Clinton F.		03 to 10	Sodium Cyanoborohydride: A Highly Selective Reducing Agent	Aldrich-Boranes, Inc.
	1975	8	2	Kabalka, George W.		14 to 19	Organoboranes in Organic Synthesis	University of Tennessee at Knoxville
	1975	8	2	Lane, Clinton F.		20 to 23	Organic Synthesis via Organoboranes.IV. Reduction of Organic Functional Groups with Borane-Methyl Sulfide	Aldrich-Boranes, Inc.
	1975	8	3	Anonymous		27 to 29	Chemical Reactions of Polymers	Aldrich Chemical Co, Inc.??
	1975	8	4	Harvey, David R.		39 to 45	Highlights	Aldrich Chemical Co., Inc.
	1976	9	1	Gokel, George W.	Durst, H. Dupont	03 to 12	Crown Ether Chemistry: Principles and Applications	The Pennsylvania State U. and State U of New York at Buffalo
	1976	9	1	Crosby, Guy A.		15 to 17	Polymeric Reagents	Dynapol
	1976	9	2	Epton, Roger		23 to 27	Permeation Chromatography of Organic Solutes Using Enzacryl Gel Packings	Koch-Light Laboratories, Ltd.
	1976	9	2	Lane, Clinton F.		31 to 32	Selective Reduction of the Carbonyl Group in alpha, beta-Unsaturated Aldehydes and Ketones	Aldrich-Boranes, Inc.
	1976	9	3	Jones, R. Alan		35 to 42	Applications of Phase-Transfer Catalysis in Organic Synthesis	University of East Anglia
	1976	9	3	Bader, Alfred		49 to 51	Recent Advances in Synthetic Pyrethrroids	Aldrich Chemical Co., Inc.
	1977	10	1	Dolphin, David		03 to 09	Robert Burns Woodward: Three Score Years and Then?	University of British Columbia
	1977	10	1	Lane, Clinton F.	Kramer, Gary W.	11 to 16	Handling Air-Sensitive Reagents	Aldrich-Boranes, Inc. and Purdue U.

	1977	10	2	Szabo, William A.		23 to 29	Chlorosulfonyl Isocyanate: Silver Anniversary of a Lively Heterocumulene	Aldrich Chemical Co., Inc.
	1977	10	3	Smith, Ian C.P.		35 to 39	Deuterium NMR- A Useful Technique in Chemistry, Physics, and Biology	National Research Council of Canada
	1977	10	3	Lane, Clinton F.		41 to 51	Selective Reductions Using Borane Complexes	Aldrich-Boranes, Inc.
	1977	10	4	Kime, Katherine A.	Sievers, Robert E.	54 to 61	A Practical Guide to Uses of Lanthanide NMR Shift Reagents	University of Colorado
	1977	10	4	Newaz, S.S.		64 to 71	Recent Methods for the Synthesis of Conjugated Lactones	Aldrich Chemical Co., Inc.
	1978	11	1	Green, Floyd J.		03 to 06	A Status Report on Biological Stains	Aldrich Chemical Co., Inc.
	1978	11	1	Beschke, Helmut		13 to 16	Chemical Reactions of 2,3-Cycloalkenopyridines	Degussa
	1978	11	2	Masamune, Satoru		23 to 32	Recent Progress in Macrolide Synthesis	University of Alberta
	1978	11	3	Clive, Derrick L. J.		43 to 49	Selenium Reagents for Organic Synthesis	University of Alberta
	1978	11	3	Block, Eric		51 to 59	Organic Sulfur Compounds in Organic Synthesis: Some Recent Advances	University of Missouri at St. Louis
	1979	12	1	Brown, Herbert C.	Krishnamurthy, S.	03 to 11	Boranes for Organic Reductions- A Forty-Year Odyssey	Purdue University
	1979	12	1	Gladysz, J. A.		13 to 17	Trialkylborohydrides in Organometallic Syntheses	University of California at Los Angeles
	1979	12	2	Evans, C. Anderson		23 to 29	Spin Trapping	Varian Associates
	1979	12	2	Greenlee, Kenneth W.		35 to 36	A Small Chemical Businessman Looks at Premanufacture Notification (PMN)	Chemsampco, Inc.
	1979	12	3	Olah, George A.		43 to 48	New Synthetic Reagents and Reactions	University of Southern California at Los Angeles
	1979	12	3	Rylander, Paul N.		53 to 57	Choosing and Using Noble Metal Hydrogenation Catalysts	Engelhard Minerals and Chemicals Corp.

	1979	12	4	Sharpless, K. Barry	Verhoeven, Thomas R.	63 to 74	Metal-Catalyzed, Highly Selective Oxygenations of Olefins and Acetylenes with tert-Butyl Hydroperoxide. Practical Considerations and Mechanisms.	Stanford University
	1979	12	4	Levin, Robert H.		77 to 82	Tilorone, Its Analogs, and Developments in Chemical Immunology	Consultant (Research & Management)
	1980	13	1	Wallace, Raymond G.		03 to 11	Hydroxylamine-O-sulfonic Acid-- A Versatile Synthetic Reagent	Brunel University
	1980	13	1	Szabo, William A.	Lee, H.T.	13 to 20	Chiral Starting Materials and Reagents- An Outline of Recent Synthetic Applications	Aldrich Chemical Co., Inc.
	1980	13	2	Kishi, Yoshito		23 to 30	Recent Developments in the Chemistry of Natural Products	Harvard University
	1980	13	2	Schiessl, Henry W.		33 to 40	Hydrazine--Rocket Fuel to Synthetic Tool	Olin Corporation
	1980	13	3	Magnus, Philip		43 to 51	Organosilicon Reagents for Carbon-Carbon Bond-Forming Reactions	Ohio State University, The
	1980	13	3	Sjoeberg, Kjell		55 to 58	PTC in PracTiCe	Royal Institute of Technology
	1981	14	1	Brown, Herbert C.	Campbell, James B., Jr.	03 to 11	Synthesis and Applications of Vinylic Organoboranes	Purdue University
	1981	14	1	Beschke, Helmut		13 to 18	Chemical Reactions of Newly Available Pyridines	Degussa
	1981	14	2	Dawson, D.J.		23 to 29	Polymeric Dyes	Dynapol
	1981	14	2	Schmidt, Arthur H.		31 to 38	Bromotrimethylsilane and Iodotrimethylsilane-- Versatile Reagents for Organic Synthesis	Fachhochschule Fresenius
	1981	14	3	Trost, Barry M.		43 to 50	Transition-Metal Templates for Selectivity in Organic Synthesis	University of Wisconsin at Madison
	1981	14	3	Wiersum, U.E.		53 to 58	Isobenzofuran and Related o-Quinonoid Systems-- A New Group of Synthetic Intermediates	AKZO Research Labs- The Netherlands
	1981	14	4	Long, John R.		63 to 70	The Role of Silver Salts in Organic Processes	Aldrich Chemical Co., Inc.

	1981	14	4	Hase, Tapio A.	Koskimies, Jorma K.	73 to 77	A Compilation of References on Formyl and Acyl Anion Synthons	University of Helsinki
	1982	15	1	Hoffman, Frances		03 to 10	Gilbert Stork: A Celebration of 35 Years in Research & Teaching	Columbia University
	1982	15	1	Black, T. Howard		13 to 20	Recent Applications of Homogeneous Catalysis to Organic Synthesis	Aldrich Chemical Co., Inc.
	1982	15	2	Evans, David A.		23 to 32	Studies in Asymmetric Synthesis. The Development of Practical Chiral Enolate Synthons	California Institute of Technology
	1982	15	2	Hase, Tapio A.	Koskimies, Jorma K.	35 to 41	A Compilation of References on R-Functional Acyl Anion Synthons, RCO-	University of Helsinki
	1982	15	3	Masamune, Satoru	Choy, William	47 to 63	Advances in Stereochemical Control: The 1,2- and 1,3-Diol Systems	Massachusetts Institute of Technology
	1983	16	1	Black, T. Howard		03 to 10	The Preparation and Reactions of Diazomethane	Aldrich Chemical Co., Inc.
	1983	16	1	Stang, Peter J.	White, Mitchell R.	15 to 22	Triflic Acid and Its Derivatives	University of Utah
	1983	16	2	Whitesides, George M.	Wong, C.-H.	27 to 33	Enzymes as Catalysts in Organic Synthesis	Harvard University
	1983	16	2	Balding, Peter	Humphryes, Ken C.	38 to 39	Lectins	Sigma- London
	1983	16	2	Frost, John W.		39	5-Thio-D-glucose: How Do Enzymes Work?	Harvard University
	1983	16	3	Crockett, Geoffrey C.		47 to 55	The Chemical Synthesis of DNA	Aldrich Chemical Co., Inc.
	1983	16	3	Gill, Steven K.		59 to 61	New Developments in Chemiluminescence Research	Liquid Light Laboratories
	1983	16	4	Behrens, Carl H.	Sharpless, K. Barry	67 to 79	New Transformations of 2,3-Epoxy Alcohols and Related Derivatives. Easy Routes to Homochiral Substances	Massachusetts Institute of Technology
	1984	17	1	Cori, Tom	Emanuel, Ralph N., Harvey, David, and Klitsner, Marvin E.	03 to 07	Our Chemist-Collector Approaches Sixty	Sigma-Aldrich Corp., M. Emanuel, Ltd., Aldrich Chemical Co., and Foley & Lardner

	1984	17	1	Daub, Guido H.	Leon, Alberto A.; Silverman, I. Robert; Daub, G. William; Walker, S. Barrie	13 to 23	The Use of Acronyms in Organic Chemistry	University of New Mexico, Harvey Mudd College, and Imperial Chemical Industries
	1984	17	2	Wiersum, U.E.		31 to 41	Preparative Flash-Vacuum Thermolysis. The Revival of Pyrolytic Synthesis	Akzo Research Labs- The Netherlands
	1984	17	2	Paquette, Leo A.		43 to 51	Synthetic Routes to Cyclopentanoid-Fused Unnatural and Natural Products	Ohio State University, The
	1984	17	3	Deslongchamps, Pierre		59 to 71	The Concept of Strategy in Organic Synthesis	Universite de Sherbrooke
	1984	17	3	Bristow, Garry S.		75 to 77	Tin Reagents for Organic Synthesis	Aldrich Chemical Co, Ltd. (England)
	1985	18	1	Johnson, Carl R.		03 to 10	Applications of Sulfoximines in Synthesis	Wayne State University
	1985	18	1	Leete, Edward	Porwoll, Joseph	13 to 20	The Use of Carbon-13-Labeled Compounds in Organic Chemistry, Biochemistry and Medicine	University of Minnesota and Aldrich Chemical Co., Inc.
	1985	18	1	Harwood, Lawrence M.		25	Dry-Column Flash Chromatography	Oxford University
	1985	18	2	Negishi, Ei-ichi	Takahashi, Tamotsu	31 to 47	Organozirconium Compounds as New Reagents and Intermediates	Purdue University
	1985	18	3	Meyers, Albert I.		59 to 68	Formamidines as Precursors to alpha-Amino Carbanions and their Application to Asymmetric C-C Bond-Forming Reactions	Colorado State University
	1985	18	3	Bryce, Martin R.		73 to 77	Tetrathiafulvalenes (TTF) and their Selenium and Tellurium Analogs (TSF and TTeF): Electron Donors for Organic Metals	University of Durham (England)
	1985	18	4	Griffiths, David W.		102 to 103	The Aldrich FIRST System of Information Retrieval-- An Update	Aldrich Chemical Co., Inc.
	1985	18	4	Long, John R.		87 to 93	Lanthanides in Organic Synthesis	Aldrich Chemical Co., Inc.
	1985	18	4	Mickel, Stuart		95 to 99	4-Acetoxy-2-azetidinone: A Useful Heterocyclic Synthon	University of Bath (England)

	1986	19	1	Williams, Dudley H.		03 to 09	Ralph Alexander Raphael: A Lover of Acetylenes at 65	Cambridge University
	1986	19	1	Kabalka, George W.		11 to 16	The Synthesis of Labeled Compounds via Organoboranes	University of Tennessee at Knoxville
	1986	19	2	Gill, G.B.	Whiting, D.A.	31 to 41	Guidelines for Handling Air-Sensitive Compounds	University of Nottingham
	1986	19	2	Gupton, John T.		43 to 46	Some Useful Synthetic Applications of Gold's Reagent	University of Central Florida
	1986	19	2	Szafran, Zvi	Pike, Ronald M. and Davis, J. David	53	The Use of the Aldrich-Nicolet IR Peak-Search and Retrieval Programs in Introductory Chemical Instrumentation	Merrimack College
	1986	19	3	Danishefsky, Samuel J.		59 to 69	Reflections on Organic Synthesis: The Evolution of a General Strategy for the Stereoselective Construction of Polyoxygenated Natural Products	Yale University
	1987	20	1	Brewster, James H.		03 to 08	To Live for Wisdom - An Appreciation of Herbert C. Brown	Purdue University
	1987	20	1	Srebnik, Morris	Ramachandran, P. Veeraraghavan	09 to 24	The Utility of Chiral Organoboranes in the Preparation of Optically Active Compounds	Aldrich Chemical Co., Inc. and Purdue University
	1987	20	1	Davenport, Derek A.		25 to 27	On Opinion in Good Men: An Oblique Tribute to H.C. Brown	Purdue University
	1987	20	2	Crich, David		35 to 42	O-Acyli Thiohydroxamates: New and Versatile Sources of Alkyl Radicals for Use in Organic Synthesis	University College London
	1987	20	2	Yamamoto, Yoshinori		45 to 49	Allylic Tin Compounds in Organic Synthesis	Tohoku University
	1987	20	3	Wasserman, Harry H.		63 to 74	New Methods in the Formation of Macrocyclic Lactams and Lactones of Biological Interest	Yale University
	1988	21	1	Hewitt, Christopher D.	Silvester, Michael J.	03 to 10	Fluoroaromatic Compounds: Synthesis, Reactions and Commercial Applications	Aldrich Chemical Co., Inc.
	1988	21	1	Bader, Alfred		15	How to Find a Great Herbicide	Aldrich Chemical Co., Ltd. (England)

	1988	21	2	Abdulla, Riaz F.		31 to 42	Ultrasound in Organic Synthesis	Lilly Research Laboratories
	1988	21	3	Abdulla, Riaz F.		58	Addendum to Ultrasound in Organic Synthesis	Lilly Research Laboratories
	1988	21	3	Ireland, Robert E.		59 to 69	Synthetic Methodology in the Context of Natural Product Total Synthesis	University of Virginia, The
	1988	21	3	Dervan, Peter B.		71 to 77	John D. Roberts	California Institute of Technology
	1988	21	4	Yau, Eric K.	Coward, James K.	106	Filtering-Column Chromatography - A Fast, Convenient Chromatographic Method	University of Michigan
	1988	21	4	Bruice, Thomas C.		87 to 95	The Mechanisms of Oxygen Transfer from Acyl and Alkyl Hydroperoxides to Metal(III) Porphyrins and the Epoxidation of Alkenes by the Resultant Hypervalent Metal-Oxo Porphyrin Products	University of California at Santa Barbara
	1988	21	4	Laszlo, Pierre	Cornelis, Andre	97 to 103	CLAYCOP, a User-Friendly Oxidizing and Nitrating Reagent	Universite de Liege
	1989	22	1	Hanessian, Stephen		03 to 15	Design and Implementation of Tactically Novel Strategies for Stereochemical Control Using the Chiron Approach	Universite de Montreal
	1989	22	1	Wiswesser, William J.		17 to 19	Johann Josef Loschmidt (1821-1895): A Forgotten Genius. Benzene Rings and Much More in 1861	Weed Science Research Lab (USDA)
	1989	22	2	Massey, A.G.	Humphries, R.E.	31 to 38	The Direct Synthesis of Non-Transition-Metal Organo Derivatives	University of Technology (Loughborough) and U. of New Brunswick (St. John)
	1989	22	2	Seoane, Carlos		41 to 46	Teaching Organic Synthesis: Why, How, What?	Universidad de Castilla-La Mancha
	1989	22	3	Knowles, Jeremy R.		59 to 66	Mechanistic Ingenuity in Enzyme Catalysis: Dehydroquinate Synthase	Harvard University

	1989	22	3	Ingold, Keith U.		69 to 74	At the Organic Chemistry/Bioscience Interface: Rate Processes in Complex Systems	National Research Council of Canada
	1989	22	3	Ruffing, Charles J.		80 to 81	Rhodium-Catalyzed Hydroboration	Aldrich Chemical Co., Inc.
	1990	23	1	Barton, Derek H. R.		03 to 10	The Invention of Chemical Reactions	Texas A&M University
	1990	23	1	Griffith, William P.	Ley, Steven V.	13 to 19	TPAP: Tetra-n-propylammonium Perruthenate, a Mild and Convenient Oxidant for Alcohols	Imperial College of Science, Technology and Medicine
	1990	23	2	Davies, Stephen G.		31 to 37	The Chiral Auxiliary [(C₅H₅)Fe(CO)(PPh₃)] for Asymmetric Synthesis	Dyson Perrins Laboratory, The
	1990	23	2	Kulkarni, Yashwant S.		39 to 42	Carboxyolefination	Aldrich Chemical Co., Inc.
	1990	23	3	Prelog, Vladimir		59 to 64	Albert Eschenmoser	Eidgenoessischen Technischen Hochschule
	1990	23	3	Kornblum, Nathan		71 to 78	Synthetic Aspects of Electron-Transfer Chemistry	Purdue University
	1990	23	4	Gray, Harry B.		87 to 93	Long-Range Electron Transfer in Proteins	California Institute of Technology
	1990	23	4	Heathcock, Clayton H.		99 to 111	Understanding and Controlling Diastereofacial Selectivity in Carbon-Carbon Bond-Forming Reactions	University of California at Berkeley
	1991	24	1	Alper, Howard		03 to 07	Simple, Novel Methods for the Synthesis of Carbonyl Compounds Using Metal Complexes as Catalysts	University of Ottawa
	1991	24	1	Soderquist, John A.		15 to 23	Samarium(II) Iodide in Organic Synthesis	University of Puerto Rico
	1991	24	2	Silvester, Michael J.		31 to 38	Fluoroheterocyclic Compounds: Synthesis, Reactions, and Commercial Applications	Aldrich Chemical Co., Ltd. (England)
	1991	24	2	Deslongchamps, Pierre		43 to 56	Transannular Diels-Alder Reaction on Macrocycles: A General Strategy for the Synthesis of Polycyclic Compounds	Universite de Sherbrooke

	1991	24	3	Grieco, Paul A.		59 to 66	Organic Chemistry in Unconventional Solvents	Indiana University
	1991	24	3	Williams, Dudley H.		71 to 80	The Molecular Basis of Biological Order	University of Cambridge
	1992	25	1	Abeles, Robert H.		03 to 07	A Methionine Salvage Pathway	Brandeis University
	1992	25	1	Williams, Dudley H.		09	The Molecular Basis of Biological Order and Amide-Amide Hydrogen Bonds-An Addendum	University of Cambridge
	1992	25	1	Williams, Robert M.		11 to 25	Asymmetric Syntheses of alpha-Amino Acids	Colorado State University
	1992	25	2	Newkome, George R.	Moorefield, Charles N.; Baker, Gregory R.	31 to 38	Building Blocks for Dendritic Macromolecules	University of South Florida
	1992	25	2	Fu, Xiaoyong	Cook, James M.	43 to 54	The Synthesis of Polyquinanes and Polyquinenes via the Weiss Reaction	University of Wisconsin at Milwaukee
	1992	25	3	Seebach, Dieter		59 to 66	How We Stumbled into Peptide Chemistry	Eidgenoessischen Technischen Hochschule
	1992	25	3	Motherwell, William B.		71 to 80	A Curiosity Driven Search for New Chemical Reactions	Imperial College of Science, Technology and Medicine
	1993	26	1	Fry, Albert J.		03 to 11	Electrochemistry in Organic Synthesis	Wesleyan University
	1993	26	1	Pereira, Schubert	Srebnik, Morris	17 to 29	The Ireland-Claisen Rearrangement	University of Toledo
	1993	26	2	Heaney, Harry		35 to 45	Oxidation Reactions Using Magnesium Monoperphthalate and Urea Hydrogen Peroxide	Loughborough U. of Technology
	1993	26	2	Mascaretti, Oreste A.		47 to 58	Modern Methods for the Monofluorination of Aliphatic Organic Compounds. Nucleophilic Fluoride Transfer Agents	CONICET-Universidad Nacional de Rosario
	1993	26	3	Nicolaou, K.C.		63 to 77	New Synthetic Methods and Strategies and Total Synthesis of Natural Products	University of California at San Diego

	1993	26	4	Jones, J. Bryan		105 to 112	Probing the Specificity of Synthetically Useful Enzymes	University of Toronto
	1993	26	4	Tomalia, Donald A.		91 to 101	Starburst/Cascade Dendrimers: Fundamental Building Blocks for a New Nanoscopic Chemistry Set	Michigan Molecular Institute
	1994	27	1	Editorial Staff		02	Correction to Starburst/Cascade Dendrimers: Fundamental Building Blocks for a New Nanoscopic Chemistry Set	Aldrich Chemical Co., Inc.
	1994	27	1	Juaristi, Eusebio	Quintana, Delia; Escalante, Jaime	03 to 11	Enantioselective Synthesis of beta-Amino Acids	Instituto Politecnico Nacional (Mexico)
	1994	27	1	Prakash, Om	Singh, Shiv P.	15 to 23	Iodobenzene Diacetate and Related Hypervalent Iodine Reagents in the Synthesis of Heterocyclic Compounds	Kurukshetra University
	1994	27	1	The Aldrich Analyst		26	ICP Emission Spectrometry	Aldrich Chemical Co., Inc.
	1994	27	2	Katritzky, Alan R.	Yang, Zhijun; Cundy, Darren J.	31 to 38	Benzotriazole-Stabilized Carbanions: Generation, Reactivity, and Synthetic Utility	University of Florida
	1994	27	2	Dhar, Raj K.		43 to 51	Diisopinocampheylchloroborane, (DIP-Chloride), an Excellent Chiral Reducing Reagent for the Synthesis of Secondary Alcohols of High Enantiomeric Purity	Aldrich Chemical Co., Inc.
	1994	27	2	The Aldrich Analyst		54	Separation of Optical Isomers by Gas Chromatography	Aldrich Chemical Co., Inc.
	1994	27	3	Editor		58	Correct Structures for Benzyl (+)- and (-)-glycidyl ether	Aldrich Chemical Co., Inc.
	1994	27	3	De Keukeleire, Denis		59 to 69	The Synthetic Potential of the Intramolecular meta-Photocycloaddition in Arene-Alkene Bichromophoric Systems Containing Oxygen in the Tether	University of Gent
	1994	27	3	Cornforth, John Warcup		71 to 77	The Trouble with Synthesis	University of Sussex
	1994	27	3	The Aldrich Analyst		82	The Analysis of High Purity Materials	Aldrich Chemical Co., Inc.

	1995	28	1	Gutsche, C. David		03 to 09	Calixarenes	Texas Christian U.
	1995	28	1	Brown, Tom		15 to 20	Mismatches and Mutagenic Lesions in Nucleic Acids	University of Southampton
	1995	28	1	The Aldrich Analyst		24 to 25	Chemically and Enantiomerically Pure Materials	Aldrich Chemical Co., Inc.
	1995	28	2	McClinton, Martin A.		31 to 35	Triethylamine Tris(hydrogen fluoride): Applications in Synthesis	FAR Research Inc.
	1995	28	2	Hall, H.K., Jr.	Padias, Buyle	37 to 44	Spontaneous Polymerizations Can Occur During Cycloaddition Reactions of Olefins and Dienes	University of Arizona, The
	1995	28	2	Silvester, Michael J.		45 to 54	Polyfluorinated Alkenes, Alkynes, and Allenes	Sigma-Aldrich Chemical Co., Ltd.
	1995	28	2	The Aldrich Analyst		59	Moisture Determination in Ultra-Dry Inorganics	Aldrich Chemical Co., Inc.
	1995	28	3	Prakash, Om		63 to 71	Organo Iodine(III) and Thallium(III) Reagents in Organic Synthesis: Useful Methodologies Based on Oxidative Rearrangements	Kurukshetra University
	1995	28	3	Marshman, Robert W.		77 to 84	Rare Earth Triflates in Organic Synthesis	Aldrich Chemical Co., Inc.
	1995	28	3	Recatto, Craig A.		85 to 92	The Intermediacy of Transition-Metal Silicon-Bonded Complexes: Recent Developments	Aldrich Chemical Co., Inc.
	1995	28	4	Overman, Larry E.		107 to 120	New Reactions for Forming Heterocycles and Their Use in Natural Products Synthesis	University of California at Irvine
	1995	28	4	Marchand, Alan P.		95 to 104	Polycyclic Cage Compounds: Reagents, Substrates, and Materials for the 21st Century	University of North Texas
	1996	29	1	Doyle, Michael P.		03 to 11	Chiral Dirhodium Carboxamides: Catalysts for Highly Enantioselective Syntheses of Lactones and Lactams	Trinity University
	1996	29	1	Sabitha, Gowravaram		15 to 25	3-Formylchromone as a Versatile Synthon in Heterocyclic Chemistry	Indian Institute of Chemical Technology
	1996	29	2	Hormann, Robert E.		31 to 39	Nonnatural Products Nonpareil	Rohm and Haas Co.

	1996	29	2	Bashir-Hashemi, A.	Doyle, Gerald	43 to 49	Oxaly Chloride in Photochemical Chlorocarbonylation of Cage Compounds	GEO-Centers, Inc. at ARDEC
	1996	29	2	Koganti, Vara Prasad		51 to 55	Atlas of Organic Conversions: An Aid in Perspective	New Science College
	1996	29	3	Mukaiyama, Teruaki		59 to 76	New Possibilities in Organic Synthesis	Science University of Tokyo
	1997	30	1	Ager, David J.	Prakash, Indra; Schaad, David R.	03 to 12	Chiral Oxazolidinones in Asymmetric Synthesis	NSC Technologies & NutraSweet Kelco Co. (Units of Monsanto)
	1997	30	1	Donaldson, William A.		17 to 24	Preparation and Reactivity of Acyclic (Pentadienyl)iron(1+) Cations: Applications to Organic Synthesis	Marquette University
	1997	30	2	Dondoni, Alessandro	Perrone, Daniela	35 to 46	Thiazole-Based Routes to Amino Hydroxy Aldehydes, and Their Use for the Synthesis of Biologically Active Compounds	Universita di Ferrara
	1997	30	2	Mascaretti, Oreste A.	Furlan, Ricardo L.E.	55 to 68	Esterifications, Transesterifications, and Deesterifications Mediated by Organotin Oxides, Hydroxides, and Alkoxides	CONICET-UNR
	1997	30	3	Seeberger, P.H.	Bilodeau, M.T.; Danishefsky, S. J.	75 to 92	Synthesis of Biologically Important Oligosaccharides and Other Glycoconjugates by the Glycal Assembly Method	Sloan-Kettering Institute for Cancer Research
	1997	30	3	Radl, Stanislav		97 to 100	Crisscross Cycloaddition Reactions	Research Institute for Pharmacy and Biochemistry (Prague)
	1997	30	4	Davies, Huw M. L.		107 to 114	Asymmetric Synthesis Using Rhodium-Stabilized Vinylcarbenoid Intermediates	State University of New York at Buffalo
	1997	30	4	Warren, Ronald N.	Butler, Douglas N.	119 to 130	Dimethyl Tricyclo[4.2.1.0(2,5)] nona-3,7-diene-3,4-dicarboxylate: A Versatile Ambident Dienophile	Central Queensland University
	1998	31	1	Senanayake, Chris H.		03 to 15	Applications of cis-1-Amino-2-indanol in Asymmetric Synthesis	Sepracor, Inc.

	1998	31	1	Narasimhan, S.	Balakumar, R.	19 to 26	Synthetic Applications of Zinc Borohydride	Centre for Agrochem. Res. (Guindy, India)
	1998	31	2	Katritzky, Alan R.	Belyakov, Sergei A.	35 to 45	Benzotriazole-Based Intermediates: Reagents for Efficient Organic Synthesis	University of Florida, Gainsville
	1998	31	2	Melikyan, Gagik G.		50 to 64	Manganese-Based Organic and Bioinorganic Transformations	California State University, Northridge
	1998	31	3	Bosnich, Brice		76 to 83	Transition-Metal-Based Lewis Acid Catalysts	University of Chicago
	1999	32	1	Barluenga, Jose	Suarez-Sobrino, A.; Lopez, Luis A.	04 to 15	Chiral Heterosubstituted 1,3-Butadienes: Synthesis and [4+2] Cycloaddition Reactions	Universidad de Oviedo
	1999	32	1	Kulkarni, Yashwant S.		18 to 27	Serine Derivatives in Organic Synthesis	Aldrich Chemical Co., Inc.
	1999	32	2	Hudlicky, Tomas	Gonzalez, David; Gibson, David T.	35 to 62	Enzymatic Dihydroxylation of Aromatics in Enantioselective Synthesis: Expanding Asymmetric Methodology	University of Florida, Gainsville; University of Iowa, Iowa City
	1999	32	3	Phillips, Andrew J.	Abell, Andrew D.	75 to 89	Ring-Closing Metathesis of Nitrogen-Containing Compounds: Applications to Heterocycles, Alkaloids, and Peptidomimetics	University of Canterbury, New Zealand
	1999	32	3	Sibi, Mukund P.		93 to 103	Are Two Phenyls Better than One? Synthesis and Applications of (R)-4-Diphenylmethyl-2-oxazolidinone	North Dakota State University
	2000	33	1	Winter, Charles H.		03 to 12	The Chemical Vapor Deposition of Metal Nitride Films Using Modern Metalorganic Precursors	Wayne State University
	2000	33	1	Babu, G.	Perumal, P. T.	16 to 22	Synthetic Applications of Indium Trichloride Catalyzed Reactions	Central Leather Research Institute (Chennai, India)
	2000	33	1	Hopps, Harvey B.		28 to 30	Purpald(R): A Reagent That Turns Aldehydes Purple!	Amarillo College
	2000	33	2	Adams, Richard D.		39 to 48	The Catalytic Synthesis of Thiacrowns from Thietanes and Thiiranes by Metal Carbonyl Complexes	University of South Carolina

	2000	33	2	Rieke, Reuben D.		52 to 60	The Preparation of Highly Reactive Metals and the Development of Novel Organometallic Reagents	Rieke Metals, Inc.
	2000	33	2	Comasseto, Joao V.	Barrientos-Astigarraga, Rafael E.	66 to 78	Add a Little Tellurium to Your Synthetic Plans!	Universidade de Sao Paulo
	2000	33	3	Curran, Dennis P.		104 to 110	Highlights from Two Decades of Synthetic Radical Chemistry	University of Pittsburgh
	2000	33	3	Toy, Patrick H.	Reger, Thomas S.; Janda, Kim D.	87 to 93	Tailoring Polystyrene Solid-Phase Synthesis Resins: Incorporation of Flexible Cross-Linkers	The Scripps Research Institute
	2001	34	1	O'Donnell, Martin J.		03 to 15	The Preparation of Optically Active alpha-Amino Acids from the Benzophenone Imines of Glycine Derivatives	Indiana University Purdue University Indianapolis (IUPUI)
	2001	34	1	Milata, Viktor		20 to 27	Alkoxymethylenemalonates in Organic Synthesis	Slovak Technical University
	2001	34	2	Firsan, Sharbil J.		35 to 46	A Half Century of Chemists Helping Chemists: Aldrich from 1951 to 2001	Aldrich Chemical Co., Inc.
	2001	34	2	Gilchrist, Thomas L.		51 to 55	Activated 2H-Azirines as Dienophiles and Electrophiles	The University of Liverpool
	2001	34	2	Amery, Gordon		61 to 67	Reactive Chemical Hazard Evaluation in the Scale-Up of Chemical Processes	Sigma-Aldrich Company Ltd. (Gillingham)
	2001	34	3	Lebreton, S.	Monaghan, S.; Bradley, M.	75 to 83	Solid-Phase Dendrimer Chemistry: Synthesis and Applications	University of Southampton
	2001	34	3	Koser, Gerald F.		89 to 102	[Hydroxy(tosyloxy)iodo]benzene and Closely Related Iodanes: The Second Stage of Development	The University of Akron
	2002	35	1	Firsan, Sharbil J.		02	Herbert C. Brown and Aldrich	Aldrich Chemical Company, Inc.
	2002	35	1	Cho, Byung Tae		03 to 16	Boron-Based Reducing Agents for the Asymmetric Reduction of Functionalized Ketones and Ketimines	Hallym University (Korea)
	2002	35	1	Ramachandran, P. Veeraraghavan		23 to 35	Pinane-Based Versatile Allylboranes	Purdue University

	2002	35	2	Lauret, Christelle	Roberts, Stanley M.	47 to 51	Asymmetric Epoxidation of alpha, beta-Unsaturated Ketones Catalyzed by Poly(amino acids)	The University of Liverpool
	2002	35	2	Kanth, Josyula V. B.		57 to 66	Borane-Amine Complexes for Hydroboration	Aldrich Chemical Company, Inc.
	2002	35	3	Zhao, Hua	Malhotra*, Sanjay V.	75 to 83	Applications of Ionic Liquids in Organic Synthesis	New Jersey Institute of Technology
	2002	35	3	Periasamy, Mariappan		89 to 101	Novel Methods of Resolving Racemic Diols and Amino Alcohols	University of Hyderabad
	2003	36	1	Redlich, Mark D.	Mayer, Michael F.; Hossain, M. Mahmud	03 to 13	Iron Lewis Acid [(eta5-C5H5)Fe (CO)2(THF)]+ Catalyzed Organic Reactions	University of Wisconsin- Milwaukee
	2003	36	1	Murugan, Ramiah	Scriven, Eric F. V.	21 to 27	Applications of Dialkylaminopyridine (DMAP) Catalysts in Organic Synthesis	Reilly Industries, Inc.
	2003	36	2	Cardillo, Giuliana	Gentilucci, Luca; Tolomelli, Alessandra	39 to 50	Aziridines and Oxazolines: Valuable Intermediates in the Synthesis of Unusual Amino Acids	Universita di Bologna
	2003	36	2	Lee, Won Koo	Ha, Hyun-Joon	57 to 63	Highlights of the Chemistry of Enantiomerically Pure Aziridine-2- carboxylates	Sogang University; Hankuk University of Foreign Studies (Korea)
	2003	36	3	Denmark,* Scott E.	Ober, Michael H.	75 to 85	Organosilicon Reagents: Synthesis and Application to Palladium-Catalyzed Cross- Coupling Reactions	University of Illinois at Urbana- Champaign
	2003	36	3	Vernall, Andrea J.	Abell, Andrew D.	93 to 105	Cross Metathesis of Nitrogen- Containing Systems	University of Canterbury
	2004	37	1	Verkade, John G.	Kisanga, Philip B.	03 to 14	Recent Applications of Proazaphosphatrane in Organic Synthesis	Iowa State University and Albany Molecular Research, Inc.
	2004	37	1	McNab, Hamish		19 to 26	Chemistry Without Reagents: Synthetic Applications of Flash Vacuum Pyrolysis	The University of Edinburgh

	2004	37	2	Tomalia, Donald A.		39 to 57	Birth of a New Macromolecular Architecture: Dendrimers as Quantized Building Blocks for Nanoscale Synthetic Organic Chemistry	Dendritic NanoTechnologies, Inc., Central Michigan University
	2004	37	2	Hayes, Brittany L.		66 to 77	Recent Advances in Microwave-Assisted Synthesis	CEM Corporation
	2004	37	3	Roesky, Herbert W.		103 to 108	Hydroalumination Reactions in Organic Chemistry	The University of Goettingen
	2004	37	3	Fukuyama, Tohru	Tokuyama, Hidetoshi	87 to 96	Palladium-Mediated Synthesis of Aldehydes and Ketones from Thiol Esters	The University of Tokyo
	2005	38	1	Harned, Andrew M.	Zhang, Mianji; Vedantham, Punitha; Mukherjee, Shubhasish; Herpel, Russell H.; Flynn, Daniel L.; Hanson, Paul R.	03 to 16	ROM Polymerization in Facilitated Synthesis	The University of Kansas
	2005	38	1	Pears, David A.	Smith, Stephen C.	23 to 33	Polyurea-Encapsulated Palladium Catalysts: The Development and Application of a New and Versatile Immobilized-Homogeneous-Catalyst Technology	Avecia Pharmaceuticals and Syngenta
	2005	38	2	Lane, Clinton F.		43 to 45	Herbert C. Brown and Aldrich: Advancing Borane Chemistry for 32 Years	Northern Arizona University
	2005	38	2	Molander, Gary A.	Figueroa, Ruth	49 to 56	Organotrifluoroborates: Expanding Organoboron Chemistry	The University of Pennsylvania
	2005	38	2	Pasumansky, Lubov	Singaram, Bakthan; Goralski, Christian T. Pasumansky, Lubov	61 to 65	Recent Advances in the Chemistry of Lithium Aminoborohydrides	University of California, Santa Cruz

	2005	38	3	Negishi, Ei-ichi	Hu, Qian; Huang, Zhihong; Qian, Mingxing; Wang, Guangwei	71 to 88	Palladium-Catalyzed Alkenylation by the Negishi Coupling	Purdue University
	2005	38	3	Senanayake, Chris H.	Krishnamurthy, Dhireepkumar; Lu, Zhi-Hui; Han, Zhengxu; Gallou, Isabelle	93 to 104	Enantiopure Sulfoxides and Sulfinamides: Recent Developments in Their Stereoselective Synthesis and Applications to Asymmetric Synthesis	Boehringer Ingelheim Pharmaceuticals, Inc.
	2006	39	1	Curran, Dennis P.		03 to 09	Organic Synthesis with Light- Fluorous Reagents, Reactants, Catalysts, and Scavengers	University of Pittsburgh
	2006	39	1	Mauger, Christelle C.	Mignani, Gerard A.	17 to 24	Synthetic Applications of Buchwald's Phosphines in Palladium-Catalyzed Aromatic- Bond-Forming Reactions	Rhodia Recherches et Technologies
	2006	39	2	Shibasaki, Masakatsu	Kanai, Motomu; Matsunaga, Shigeki	31 to 39	Chiral, Poly(Rare-Earth-Metal) Complexes in Asymmetric Catalysis	University of Tokyo
	2006	39	2	James, Dustin K.	Tour, James M.	47 to 56	Organic Synthesis and Device Testing for Molecular Electronics	Rice University
	2006	39	3	Whalen, Lisa J.	Wong, Chi-Huey	63 to 71	Enzymes in Organic Synthesis: Aldolase-Mediated Synthesis of Inmonocyclitols and Novel Heterocycles	The Scripps Research Institute
	2006	39	3	Lelais, Gerald	MacMillan, David W. C.	79 to 87	Modern Strategies in Organic Catalysis: The Advent and Development of Iminium Activation	California Institute of Technology
	2006	39	4	Kantchev, Eric Assen B.	O'Brien, Christopher J.; Organ, Michael G.	97 to 111	Pd-N-Heterocyclic Carbene (NHC) Catalysts for Cross-Coupling Reactions	York University (Toronto, ON, Canada)
	2007	40	1	Firsan, Sharbil J.		03 to 05	What a Journey It Has Been!	Sigma-Aldrich Corporation
	2007	40	1	Wu, Peng	Fokin, Valery V.	07 to 17	Catalytic Azide-Alkyne Cycloaddition: Reactivity and Applications	Scripps Research Institute, The

2007	40	1	Mullen, Thomas J.	Dameron, Arrelaine A.; Andrews, Anne M.; Weiss, Paul S.	21 to 31	Selecting and Driving Monolayer Structures through Tailored Intermolecular Interactions	Pennsylvania State University, The
2007	40	2	Campeau, Louis-Charles	Stuart, David R.; Fagnou, Keith	35 to 41	Recent Advances in Intermolecular Direct Arylation Reactions	University of Ottawa (Canada)
2007	40	2	Schrodi, Yann	Pederson, Richard L.	45 to 52	Evolution and Applications of Second-Generation Ruthenium Olefin Metathesis Catalysts	Materia, Inc.

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