
Chemical Society Reviews

1997 Indexes

Volume 26

Index of Authors

Armstrong, Fraser A., 169	Hayashi, Takashi, 355	McGarvey, Glenn J., 407	Reid, Katharine L., 223
Aubé, Jeffrey, 269	Heering, Hendrik A., 169	Maier, John P., 21	Reynolds, Kevin A., 337
Behr, Jean-Paul, 63	Higgins, Simon, 247	Mason, Stephen F., 29	Rousseau, Gérard, 453
Bernasconi, Claude F., 299	Hill, Steve J., 291	Mason, Timothy J., 443	Rzepa, Henry S., 1
Boyll, Dean, 223	Hirst, Judy, 169	Mathew, Jessy, 127	Sanders, Jeremy K. M., 327
Brady, Paul A., 327	Hodge, Philip, 417	Morris, Russell E., 309	Simonsson, Daniel, 181
Bruce, James E., 191	Holland, Koren, A., 337	Mortimer, Roger J., 147	Smith, Richard D., 191
Catallo, W. James, 401	Homsí, Fadi, 453	Murray-Rust, Peter, 1	Snook, Richard, 319
Chivers, Tristram, 345	Hynes, Michael J., 133	Nair, Vijay, 127	Takayama, Shuichi, 407
Cooper, D. L., 87	Iqbal, Abul, 203	Ng, Dennis K. P., 433	Thiem, Joachim, 463
Covington, Anthony D., 111	Jiang, Jianzhuang, 423	Ng, Sheila B. L., 425	Utley, James, 157
Davies, Malonne I., 215	Jones, Anthony C., 101	Nielsen, Peter E., 73	Wadsö, Ingemar, 79
Delalogue, Francette, 377	Jonson, Bo, 133	Ogoshi, Hisanobu, 355	Ward, Michael D., 365
Doig, Andrew J., 425	Junk, Thomas, 401	Ohtaki, Hitoshi, 41	Weigel, Scott J., 309
Doronina, Svetlana O., 63	Karadakov, P. B., 87	Ojima, Iwao, 377	Whitaker, Benjamin J., 1
Evans, John, 11	Kim, Sanghee, 387	Owen, John R., 259	Winkler, Jeffrey, 387
Galema, Saskia A., 233	Křen, Vladimír, 463	Piers, Warren E., 345	Wong, Chi-Huey, 407
Gerratt, J., 87	Lei, Q. Paula, 191	Prabhakaran, Jaya, 127	Wu, Qinyuan, 191
Haaïma, Gerald, 73	Lewerenz, H. J., 239	Radnai, Tamas, 41	Yamaguchi, Toshio, 41
Hao, Zhimin, 203	Longridge, John J., 53	Raimondi, M., 87	
Harris, Kenneth D. M., 279	Lunte, Craig E., 215	Rawson, Jeremy M., 53	

Index of Titles

The World-Wide Web as a chemical information tool	Peter Murray-Rust, Henry S. Rzepa and Benjamin J. Whitaker	1–10
Shining light on metal catalysts	John Evans	11–20
Electronic spectroscopy of carbon chains	John P. Maier	21–28
The science and humanism of Linus Pauling (1901–1994)	Stephen F. Mason	29–40
Structure of water under subcritical and supercritical conditions studied by solution X-ray diffraction	Hitoshi Ohtaki, Tamas Radnai and Toshio Yamaguchi	41–52
Sulfur-nitrogen chains: rational and irrational behaviour	Jeremy M. Rawson and John J. Longridge	53–62
Towards a general triple helix mediated DNA recognition scheme	Svetlana O. Doronina and Jean-Paul Behr	63–72
Peptide nucleic acid. A DNA mimic with a pseudopeptide backbone	Peter E. Nielsen and Gerald Haaïma	73–78
Trends in isothermal microcalorimetry	Ingemar Wadsö	79–86
Modern valence bond theory	J. Gerratt, D. L. Cooper, P. B. Karadakov and M. Raimondi	87–100
Developments in metalorganic precursors for semiconductor growth from the vapour phase	Anthony C. Jones	101–110
Modern tanning chemistry	Anthony D. Covington	111–126
Carbon-carbon bond-forming reactions mediated by cerium(IV) reagents	Vijay Nair, Jessy Mathew and Jaya Prabhakaran	127–132
Lead, glass and the environment	Michael J. Hynes and Bo Jonson	133–146
Electrochromic materials	Roger J. Mortimer	147–156

Index of Titles continued on page 476

Trends in organic electrosynthesis	James Utley	157–168
Reactions of complex metalloproteins studied by protein film voltammetry	Fraser A. Armstrong, Hendrik A. Heering and Judy Hirst	169–180
Electrochemistry for a cleaner environment	Daniel Simonsson	181–190
New mass spectrometric methods for the study of noncovalent associations of biopolymers	Richard D. Smith, James E. Bruce, Qinyuan Wu and Q. Paula Lei	191–202
Some aspects of organic pigments	Zhimin Hao and Abul Iqbal	203–214
Microdialysis sampling coupled on-line to microseparation techniques	Malonne I. Davies and Craig E. Lunte	215–222
Modern studies of intramolecular vibrational energy redistribution	Dean Boyall and Katharine L. Reid	223–232
Microwave chemistry	Saskia A. Galema	233–238
Surface scientific aspects in semiconductor electrochemistry	H. J. Lewerenz	239–246
Conjugated polymers incorporating pendant functional groups—synthesis and characterisation	Simon Higgins	247–258
Rechargeable lithium batteries	John R. Owen	259–268
Oxaziridine rearrangements in asymmetric synthesis	Jeffrey Aubé	269–278
MELDOLA LECTURE: understanding the properties of urea and thiourea compounds	Kenneth D. M. Harris	279–290
Speciation of trace metals in the environment	Steve J. Hill	291–298
Developing the physical organic chemistry of Fischer carbene complexes	Claude F. Bernasconi	299–308
The synthesis of molecular sieves from non-aqueous solvents	Russell E. Morris and Scott J. Weigel	309–318
Laser techniques for chemical analysis	Richard Snook	319–326
Selection approaches to catalytic systems	Paul A. Brady and Jeremy K. M. Sanders	327–336
The mechanistic and evolutionary basis of stereospecificity for hydrogen transfers in enzyme-catalyzed processes	Kevin A. Reynolds and Koren A. Holland	337–344
Pentafluorophenylboranes: from obscurity to applications	Warren E. Piers and Tristram Chivers	345–354
Molecular modelling of electron transfer systems by noncovalently linked porphyrin–acceptor pairing	Takashi Hayashi and Hisanobu Ogoshi	355–364
Photo-induced electron and energy transfer in non-covalently bonded supramolecular assemblies	Michael D. Ward	365–376
Asymmetric synthesis of building-blocks for peptides and peptidomimetics by means of the β -lactam synthon method	Iwao Ojima and Francette Delalogue	377–386
Approaches to the synthesis of ingenol	Sanghee Kim and Jeffrey Winkler	387–400
Hydrogen isotope exchange reactions involving C–H (D,T) bonds	Thomas Junk and W. James Catallo	401–406
Enzymes in organic synthesis: recent developments in aldol reactions and glycosylations	Shuichi Takayama, Glenn J. McGarvey and Chi-Huey Wong	407–416
Polymer-supported organic reactions: what takes place in the beads?	Philip Hodge	417–424
Molecular and chemical basis of prion-related diseases	Sheila B. L. Ng and Andrew Doig	425–432
Sandwich-type heteroleptic phthalocyaninato and porphyrinato metal complexes	Dennis K. P. Ng and Jianzhuang Jiang	433–442
Ultrasound in synthetic organic chemistry	Timothy J. Mason	443–452
Preparation of seven and larger membered heterocycles by electrophilic heteroatom cyclization	Gérard Rousseau and Fadi Homsí	453–462
Glycosylation employing bio-systems: from enzymes to whole cells	Vladimír Křen and Joachim Thiem	463–474