

1. [**Ionic Liquids: Current State and Future Directions**](#), **Editor(s)**: Mark B. Shiflett, Aaron M. Scurto, Volume 1250Publication Date(Web):September 29, 2017, ISBN13: 9780841232136, eISBN: 9780841232129, DOI: 10.1021/bk-2017-1250
2. [**Academia and Industrial Pilot Plant Operations and Safety**](#), **Editor(s)**: Mary K. Engelman (Moore), Elmer B. Ledesma, Volume 1163Publication Date(Web):July 28, 2014, ISBN13: 9780841229600, eISBN: 9780841229617, DOI: 10.1021/bk-2014-1163
3. [**Chemistry, Process Design, and Safety for the Nitration Industry**](#), **Editor(s)**: Thomas L. Guggenheim, Volume 1155Publication Date(Web):November 22, 2013, ISBN13: 9780841228863, eISBN: 9780841228870, DOI: 10.1021/bk-2013-1155
4. [**Sustainable Nanotechnology and the Environment: Advances and Achievements**](#), **Editor(s)**: Najm Shamim, Virender K. Sharma, Volume 1124Publication Date(Web):April 17, 2013, ISBN13: 9780841227842, eISBN: 9780841227859, DOI: 10.1021/bk-2013-1124
5. [**Ionic Liquids: Science and Applications**](#), **Editor(s)**: Ann E. Visser, Nicholas J. Bridges, Robin D. Rogers, Volume 1117Publication Date(Web):December 18, 2012, ISBN13: 9780841227637, eISBN: 9780841227644, DOI: 10.1021/bk-2012-1117
6. [**Nanoscale Materials in Chemistry: Environmental Applications**](#), **Editor(s)**: Larry E. Erickson, Ranjit T. Koodali, Ryan M. Richards, Volume 1045Publication Date(Web):August 6, 2010, ISBN13: 9780841225558, eISBN: 9780841225565, DOI: 10.1021/bk-2010-1045
7. [**Ionic Liquids: From Knowledge to Application**](#), **Editor(s)**: Natalia V. Plechkova, Robin D. Rogers, Kenneth R. Seddon, Volume 1030Publication Date(Web):December 18, 2009, ISBN13: 9780841269972, eISBN: 9780841224919, DOI: 10.1021/bk-2009-1030
8. [**Environmental Applications of Nanoscale and Microscale Reactive Metal Particles**](#), **Editor(s)**: Cherie L. Geiger, Kathleen M. Carvalho-Knighton, Volume 1027Publication Date(Web):December 19, 2009, ISBN13: 9780841269927, eISBN: 9780841224674, DOI: 10.1021/bk-2009-1027
9. [**Gas-Expanded Liquids and Near-Critical Media**](#): Green Chemistry and Engineering, **Editor(s)**: Keith W. Hutchenson, Aaron M. Scurto, Bala Subramaniam, Volume 1006Publication Date(Print):January 6, 2009, ISBN13: 9780841269712, eISBN: 9780841224834, DOI: 10.1021/bk-2009-1006
10. [**Innovations in Industrial and Engineering Chemistry**](#): A Century of Achievements and Prospects for the New Millennium, **Editor(s)**: William H. Flank, Martin A. Abraham, Michael A. Matthews, Volume 1000Publication Date(Print):December 31, 2008, ISBN13: 9780841269637, eISBN: 9780841224872, DOI: 10.1021/bk-2009-1000
11. [**Ionic Liquids IV**](#): Not Just Solvents Anymore, **Editor(s)**: Joan F. Brennecke, Robin D. Rogers, Kenneth R. Seddon, Volume 975Publication Date(Print):August 30, 2007, ISBN13: 9780841274457, eISBN: 9780841221000, DOI: 10.1021/bk-2007-0975
12. [**Separations for the Nuclear Fuel Cycle in the 21st Century**](#), **Editor(s)**: Gregg J. Lumetta, Kenneth L. Nash, Sue B. Clark, Judah I. Friese, Volume 933Publication Date(Print):June 9, 2006, ISBN13: 9780841239319, eISBN: 9780841220515, DOI: 10.1021/bk-2006-0933
13. [**Advances in Arsenic Research**](#): Integration of Experimental and Observational Studies and Implications for Mitigation, **Editor(s)**: Peggy A. O'Day, Dimitrios Vlassopoulos, Xiaoguang Meng, Liane G. Benning, Volume 915Publication Date(Print):October 3, 2005, ISBN13: 9780841239135, eISBN: 9780841220331, DOI: 10.1021/bk-2005-0915
14. [**Microreactor Technology and Process Intensification**](#), **Editor(s)**: Yong Wang, Jamelyn D. Holladay, Volume 914Publication Date(Print):August 9, 2005, ISBN13: 9780841239234, eISBN: 9780841220324, DOI: 10.1021/bk-2005-0914

15. **[Ionic Liquids IIIB: Fundamentals, Progress, Challenges, and Opportunities:](#)** Transformations and Processes, **Editor(s):** Robin D. Rogers, Kenneth R. Seddon, Volume 902 Publication Date(Print): March 15, 2005, ISBN13: 9780841238947, eISBN: 9780841220201, DOI: 10.1021/bk-2005-0902
16. **[Ionic Liquids III A: Fundamentals, Progress, Challenges, and Opportunities:](#)** Properties and Structure, **Editor(s):** Robin D. Rogers, Kenneth R. Seddon, Volume 901 Publication Date(Print): March 15, 2005, ISBN13: 9780841238930, eISBN: 9780841220195, DOI: 10.1021/bk-2005-0901
17. **[Defense Applications of Nanomaterials,](#)** **Editor(s):** Andrzej W. Miziolek, Shashi P. Karna, J. Matthew Mauro, Richard A. Vaia, Volume 891 Publication Date(Print): January 21, 2005, ISBN13: 9780841238060, eISBN: 9780841220041, DOI: 10.1021/bk-2005-0891
18. **[Nanotechnology and the Environment:](#)** Applications and Implications, **Editor(s):** Barbara Karn, Tina Masciangioli, Wei-xian Zhang, Vicki Colvin, Paul Alivisatos, Volume 890 Publication Date(Print): December 14, 2004, ISBN13: 9780841238770, eISBN: 9780841220034, DOI: 10.1021/bk-2005-0890
19. **[Agricultural Applications in Green Chemistry,](#)** **Editor(s):** William M. Nelson, Volume 887 Publication Date(Print): July 7, 2004, ISBN13: 9780841238282, eISBN: 9780841219991, DOI: 10.1021/bk-2004-0887
20. **[Supercritical Carbon Dioxide:](#)** Separations and Processes, **Editor(s):** Aravamudan S. Gopalan, Chien M. Wai, Hollie K. Jacobs, Volume 860 Publication Date(Print): August 31, 2003, ISBN13: 9780841238367, eISBN: 9780841219656, DOI: 10.1021/bk-2003-0860
21. **[Ionic Liquids as Green Solvents:](#)** Progress and Prospects, **Editor(s):** Robin D. Rogers, Kenneth R. Seddon, Volume 856 Publication Date(Print): August 26, 2003, ISBN13: 9780841238565, eISBN: 9780841219618, DOI: 10.1021/bk-2003-0856
22. **[Clean Solvents:](#)** Alternative Media for Chemical Reactions and Processing, **Editor(s):** Martin A. Abraham, Luc Moens, Volume 819 Publication Date(Print): May 24, 2002, ISBN13: 9780841237797, eISBN: 9780841219182, DOI: 10.1021/bk-2002-0819
23. **[Ionic Liquids:](#)** Industrial Applications for Green Chemistry, **Editor(s):** Robin D. Rogers, Kenneth R. Seddon, Volume 818 Publication Date(Print): July 25, 2002, ISBN13: 9780841237896, eISBN: 9780841219175, DOI: 10.1021/bk-2002-0818
24. **[Microfabricated Sensors:](#)** Application of Optical Technology for DNA Analysis, **Editor(s):** Richard Kordal, Arthur Usmani, Wai Tak Law, Volume 815 Publication Date(Print): March 20, 2002, ISBN13: 9780841237636, eISBN: 9780841219144, DOI: 10.1021/bk-2002-0815
25. **[Nuclear Site Remediation:](#)** First Accomplishments of the Environmental Management Science Program, **Editor(s):** P. Gary Eller, William R. Heineman, Volume 778 Publication Date(Print): November 29, 2000, ISBN13: 9780841237186, eISBN: 9780841218413, DOI: 10.1021/bk-2001-0778
26. **[Calixarenes for Separations,](#)** **Editor(s):** Gregg J. Lumetta, Robin D. Rogers, Aravamudan S. Gopalan, Volume 757 Publication Date(Print): July 20, 2000, ISBN13: 9780841236608, eISBN: 9780841217881, DOI: 10.1021/bk-2000-0757
27. **[Surfactant-Based Separations:](#)** Science and Technology, **Editor(s):** John F. Scamehorn, Jeffrey H. Harwell, Volume 740 Publication Date(Print): November 16, 1999, ISBN13: 9780841236189, eISBN: 9780841217393, DOI: 10.1021/bk-2000-0740
28. **[Spectroscopy of Superconducting Materials,](#)** **Editor(s):** Eric Faulques, Volume 730 Publication Date(Print): September 2, 1999, ISBN13: 9780841236097, eISBN: 9780841217232, DOI: 10.1021/bk-1999-0730

29. **[Inorganic Materials Synthesis](#)**: New Directions for Advanced Materials, **Editor(s)**: Charles H. Winter, David M. Hoffman, Volume 727 Publication Date(Print): July 8, 1999, ISBN13: 9780841236066, eISBN: 9780841217201, DOI: 10.1021/bk-1999-0727
30. **[Solid-State NMR Spectroscopy of Inorganic Materials](#)**, **Editor(s)**: John J. Fitzgerald, Volume 717 Publication Date(Print): March 18, 1999, ISBN13: 9780841236028, eISBN: 9780841217058, DOI: 10.1021/bk-1999-0717
31. **[Metal-Ion Separation and Preconcentration](#)**: Progress and Opportunities, **Editor(s)**: Andrew H. Bond, Mark L. Dietz, Robin D. Rogers, Volume 716 Publication Date(Print): February 11, 1999, ISBN13: 9780841235946, eISBN: 9780841217041, DOI: 10.1021/bk-1999-0716
32. **[Molecular and Ionic Recognition with Imprinted Polymers](#)**, **Editor(s)**: Richard A. Bartsch, Mizuo Maeda, Volume 703 Publication Date(Print): May 7, 1998, ISBN13: 9780841235748, eISBN: 9780841216853, DOI: 10.1021/bk-1998-0703
33. **[Polymers in Sensors](#)**: Theory and Practice, **Editor(s)**: Naim Akmal, Arthur M. Usmani, Volume 690 Publication Date(Print): April 17, 1998, ISBN13: 9780841235502, eISBN: 9780841216549, DOI: 10.1021/bk-1998-0690
34. **[Supercritical Fluids](#)**: Extraction and Pollution Prevention, **Editor(s)**: Martin A. Abraham, Aydin K. Sunol, Volume 670 Publication Date(Print): October 1, 1997, ISBN13: 9780841235175, eISBN: 9780841216341, DOI: 10.1021/bk-1997-0670
35. **[Humic and Fulvic Acids](#)**: Isolation, Structure, and Environmental Role, **Editor(s)**: Jeffrey S. Gaffney, Nancy A. Marley, Sue B. Clark, Volume 651 Publication Date(Print): November 14, 1996, ISBN13: 9780841234680, eISBN: 9780841216006, DOI: 10.1021/bk-1996-0651
36. **[Chemical Separations with Liquid Membranes](#)**, **Editor(s)**: Richard A. Bartsch, J. Douglas Way, Volume 642 Publication Date(Print): May 5, 1996, ISBN13: 9780841234475, eISBN: 9780841215917, DOI: 10.1021/bk-1996-0642
37. **[Nitration](#)**: Recent Laboratory and Industrial Developments, **Editor(s)**: Lyle F. Albright, Richard V. C. Carr, Robert J. Schmitt, Volume 623 Publication Date(Print): April 24, 1996, ISBN13: 9780841233935, eISBN: 9780841215689, DOI: 10.1021/bk-1996-0623
38. **[Materials Chemistry](#)**: An Emerging Discipline, **Editor(s)**: Leonard V. Interrante, Lawrence A. Caspar, Arthur B. Ellis. Volume 245 Publication Date(Print): May 5, 1995, ISBN13: 9780841228092, eISBN: 9780841224308, DOI: 10.1021/ba-1995-0245
39. **[Emerging Technologies in Hazardous Waste Management V](#)**, **Editor(s)**: D. William Tedder, Frederick G. Pohland, Volume 607 Publication Date(Print): November 9, 1995, ISBN13: 9780841233225, eISBN: 9780841215320, DOI: 10.1021/bk-1995-0607
40. **[Diagnostic Biosensor Polymers](#)**, **Editor(s)**: Arthur M. Usmani, Naim Akmal, Volume 556 Publication Date(Print): May 5, 1994, ISBN13: 9780841229082, eISBN: 9780841214545, DOI: 10.1021/bk-1994-0556
41. **[Emerging Technologies in Hazardous Waste Management IV](#)**, **Editor(s)**: D. William Tedder, Frederick G. Pohland, Volume 554 Publication Date(Print): March 10, 1994, ISBN13: 9780841228573, eISBN: 9780841214354, DOI: 10.1021/bk-1994-0554
42. **[Environmental Catalysis](#)**, **Editor(s)**: John N. Armor, Volume 552 Publication Date(Print): February 23, 1994, ISBN13: 9780841228511, eISBN: 9780841214248, DOI: 10.1021/bk-1994-0552
43. **[Beer and Wine Production](#)**: Analysis, Characterization, and Technological Advances, **Editor(s)**: Barry H. Gump, David J. Pruett, Volume 536 Publication Date(Print): August 23, 1993, ISBN13: 9780841227248, eISBN: 9780841213920, DOI: 10.1021/bk-1993-0536

44. [Emerging Technologies in Hazardous Waste Management III](#), **Editor(s)**: D. William Tedder, Frederick G. Pohland, Volume 518 Publication Date(Print): February 22, 1993, ISBN13: 9780841225305, eISBN: 9780841213746, DOI: 10.1021/bk-1993-0518
45. [Selectivity in Catalysis](#), **Editor(s)**: Mark E. Davis, Steven L. Suib, Volume 517 Publication Date(Print): May 5, 1993, ISBN13: 9780841225190, eISBN: 9780841213739, DOI: 10.1021/bk-1993-0517
46. [Environmental Remediation: Removing Organic and Metal Ion Pollutants](#), **Editor(s)**: G. F. Vandegrift, D. T. Reed, I. R. Tasker, Volume 509 Publication Date(Print): October 27, 1992, ISBN13: 9780841224797, eISBN: 9780841213654, DOI: 10.1021/bk-1992-0509
47. [Phosphorus Chemistry: Developments in American Science](#), **Editor(s)**: Edward N. Walsh, Edward J. Griffith, Robert W. Parry, Louis D. Quin, Volume 486 Publication Date(Print): April 7, 1992, ISBN13: 9780841222137, eISBN: 9780841213425, DOI: 10.1021/bk-1992-0486
48. [Partnerships in Chemical Research and Education](#), **Editor(s)**: James E. McEvoy, Volume 478 Publication Date(Print): November 18, 1992, ISBN13: 9780841221734, eISBN: 9780841213340, DOI: 10.1021/bk-1992-0478
49. [Homogeneous Transition Metal Catalyzed Reactions](#). **Editor(s)**: William R. Moser, Donald W. Slocum, Volume 230 Publication Date(Print): March 1, 1992, ISBN13: 9780841220072, eISBN: 9780841224124, DOI: 10.1021/ba-1992-0230
50. [Emerging Technologies in Hazardous Waste Management II](#), **Editor(s)**: D. William Tedder, Frederick G. Pohland, Volume 468 Publication Date(Print): August 2, 1991, ISBN13: 9780841221024, eISBN: 9780841213241, DOI: 10.1021/bk-1991-0468
51. [Cell Separation Science and Technology](#), **Editor(s)**: Dhinakar S. Kompala, Paul Todd, Volume 464 Publication Date(Print): June 10, 1991, ISBN13: 9780841220904, eISBN: 9780841213203, DOI: 10.1021/bk-1991-0464
52. [Surface Reactive Peptides and Polymers: Discovery and Commercialization](#), **Editor(s)**: C. Steven Sikes, A. P. Wheeler, Volume 444 Publication Date(Print): November 26, 1991, ISBN13: 9780841218864, eISBN: 9780841213005, DOI: 10.1021/bk-1991-0444
53. [Novel Materials in Heterogeneous Catalysis](#), **Editor(s)**: R. Terry K. Baker, Larry L. Murrell, Volume 437 Publication Date(Print): September 21, 1990, ISBN13: 9780841218635, eISBN: 9780841212930, DOI: 10.1021/bk-1990-0437
54. [Emerging Technologies in Hazardous Waste Management](#), **Editor(s)**: D. William Tedder, Frederick G. Pohland, Volume 422 Publication Date(Print): March 8, 1990, ISBN13: 9780841217478, eISBN: 9780841212787, DOI: 10.1021/bk-1990-0422
55. [Downstream Processing and Bioseparation: Recovery and Purification of Biological Products](#), **Editor(s)**: Jean-François P. Hamel, Jean B. Hunter, Subhas K. Sikdar, Volume 419 Publication Date(Print): January 24, 1990, ISBN13: 9780841217386, eISBN: 9780841212756, DOI: 10.1021/bk-1990-0419
56. [Biocatalysis and Biomimetics](#), **Editor(s)**: James D. Burrington, Douglas S. Clark, Volume 392 Publication Date(Print): April 9, 1989, ISBN13: 9780841216112, eISBN: 9780841212435, DOI: 10.1021/bk-1989-0392
57. [Perspectives in Molecular Sieve Science](#), **Editor(s)**: William H. Flank, Thaddeus E. Whyte, Jr., Volume 368 Publication Date(Print): May 27, 1988, ISBN13: 9780841214767, eISBN: 9780841212176, DOI: 10.1021/bk-1988-0368
58. [Supercomputer Research in Chemistry and Chemical Engineering](#), **Editor(s)**: Klavs F. Jensen, Donald G. Truhlar, Volume 353 Publication Date(Print): October 22, 1987, ISBN13: 9780841214309, eISBN: 9780841211988, DOI: 10.1021/bk-1987-0353

59. [Controlled-Release Technology](#): Pharmaceutical Applications, **Editor(s)**: Ping I. Lee, William R. Good, Volume 348Publication Date(Print):September 4, 1987, ISBN13: 9780841214132, eISBN: 9780841211919, DOI: 10.1021/bk-1987-0348
60. [Materials Degradation Caused by Acid Rain](#), **Editor(s)**: Robert Baboian, Volume 318Publication Date(Print):September 25, 1986, ISBN13: 9780841209886, eISBN: 9780841211551, DOI: 10.1021/bk-1986-0318
61. [Equations of State](#): Theories and Applications, **Editor(s)**: K. C. Chao, Robert L. Robinson, Jr., Volume 300Publication Date(Print):March 24, 1986, ISBN13: 9780841209589, eISBN: 9780841211322, DOI: 10.1021/bk-1986-0300
62. [Strong Metal-Support Interactions](#), **Editor(s)**: R. T. K. Baker, S. J. Tauster, J. A. Dumesic, Volume 298Publication Date(Print):February 10, 1986, ISBN13: 9780841209558, eISBN: 9780841211308, DOI: 10.1021/bk-1986-0298
63. [Microelectronics Processing: Inorganic Materials Characterization](#), **Editor(s)**: Lawrence A. Casper, Volume 295Publication Date(Print):January 28, 1986, ISBN13: 9780841209343, eISBN: 9780841211278, DOI: 10.1021/bk-1986-0295
64. [Integrated Circuits: Chemical and Physical Processing](#), **Editor(s)**: Pieter Stroeve, Volume 290Publication Date(Print):October 2, 1985, ISBN13: 9780841209404, eISBN: 9780841211223, DOI: 10.1021/bk-1985-0290
65. [Chemical Process Hazard Review](#), **Editor(s)**: John M. Hoffmann, Daniel C. Maser, Volume 274Publication Date(Print):March 14, 1985, ISBN13: 9780841209022, eISBN: 9780841211056, DOI: 10.1021/bk-1985-0274
66. [Reverse Osmosis and Ultrafiltration](#), **Editor(s)**: S. Sourirajan, Takeshi Matsuura, Volume 281Publication Date(Print):January 1, 1985, ISBN13: 9780841209213, eISBN: 9780841225763, DOI: 10.1021/bk-1985-0281
67. [Macro- and Microemulsions](#): Theory and Applications, **Editor(s)**: Dinesh O. Shah, Volume 272Publication Date(Print):March 27, 1985, ISBN13: 9780841208964, eISBN: 9780841211025, DOI: 10.1021/bk-1985-0272
68. [Catalytic Materials: Relationship Between Structure and Reactivity](#), **Editor(s)**: Thaddeus E. Whyte, Jr., Ralph A. Dalla Betta, Eric G. Derouane, R. T. K. Baker, Volume 248Publication Date(Print):April 5, 1984, ISBN13: 9780841208315, eISBN: 9780841210769, DOI: 10.1021/bk-1984-0248
69. [Geochemical Behavior of Disposed Radioactive Waste](#), **Editor(s)**: G. Scott Barney, James D. Navratil, Wallace W. Schulz, Volume 246Publication Date(Print):March 8, 1984, ISBN13: 9780841208278, eISBN: 9780841210745, DOI: 10.1021/bk-1984-0246
70. [Chemical and Catalytic Reactor Modeling](#), **Editor(s)**: Milorad P. Duduković, Patrick L. Mills, Volume 237Publication Date(Print):December 9, 1984, ISBN13: 9780841208155, eISBN: 9780841210653, DOI: 10.1021/bk-1984-0237
71. [The Chemistry of Combustion Processes](#), **Editor(s)**: Thompson M. Sloane, Volume 249Publication Date(Print):April 16, 1983, ISBN13: 9780841208346, eISBN: 9780841210776, DOI: 10.1021/bk-1983-0249
72. [Industrial Gas Separations](#), **Editor(s)**: Thaddeus E. Whyte, Jr., Carmen M. Yon, Earl H. Wagener, Volume 223Publication Date(Print):June 16, 1983, ISBN13: 9780841207806, eISBN: 9780841210509, DOI: 10.1021/bk-1983-0223
73. [TSCA's Impact on Society and Chemical Industry](#), **Editor(s)**: George W. Ingle, Volume 213Publication Date(Print):May 1, 1983, ISBN13: 9780841207660, eISBN: 9780841210288, DOI: 10.1021/bk-1983-0213
74. [Foundations of Biochemical Engineering](#): Kinetics and Thermodynamics in Biological Systems, **Editor(s)**: Harvey W. Blanch, E. Terry Papoutsakis, Gregory Stephanopoulos,

- Volume 207Publication Date(Print):January 18, 1983, ISBN13: 9780841207523, eISBN: 9780841210110, DOI: 10.1021/bk-1983-0207
75. **[Coke Formation on Metal Surfaces](#)**, Editor(s): Lyle F. Albright, R. T. K. Baker, Volume 202Publication Date(Print):October 25, 1983, ISBN13: 9780841207455, eISBN: 9780841209848, DOI: 10.1021/bk-1983-0202
 76. **[Molecular-Based Study of Fluids](#)**, Editor(s): J. M. Haile G. A. Mansoori, Volume 204Publication Date(Print):June 1, 1983, ISBN13: 9780841207202, eISBN: 9780841223868, DOI: 10.1021/ba-1983-0204
 77. **[Industrial Applications of Surface Analysis](#)**, Editor(s): Lawrence A. Casper, Cedric J. Powell, Volume 199Publication Date(Print):September 22, 1982, ISBN13: 9780841207356, eISBN: 9780841209411, DOI: 10.1021/bk-1982-0199
 78. **[Chemical Reaction Engineering—Boston](#)**, Editor(s): James Wei, Christos Georgakis, Volume 196Publication Date(Print):September 16, 1982, ISBN13: 9780841207325, eISBN: 9780841209206, DOI: 10.1021/bk-1982-0196
 79. **[Soluble Silicates](#)**, Editor(s): James S. Falcone, Jr., Volume 194Publication Date(Print):June 1, 1982, ISBN13: 9780841207301, eISBN: 9780841209015, DOI: 10.1021/bk-1982-0194
 80. **[Flue Gas Desulfurization](#)**, Editor(s): John L. Hudson, Gary T. Rochelle, Volume 188Publication Date(Print):July 1, 1982, ISBN13: 9780841207226, eISBN: 9780841208810, DOI: 10.1021/bk-1982-0188
 81. **[Sulfur: New Sources and Uses](#)**, Editor(s): Michael E. D. Rayment, Volume 183Publication Date(Print):March 29, 1982, ISBN13: 9780841207134, eISBN: 9780841208766, DOI: 10.1021/bk-1982-0183
 82. **[Chemical Reactors](#)**, Editor(s): H. Scott Fogler, Volume 168Publication Date(Print):September 21, 1981, ISBN13: 9780841206588, eISBN: 9780841208445, DOI: 10.1021/bk-1981-0168
 83. **[Industrial Applications of Rare Earth Elements](#)**, Editor(s): Karl A. Gschneidner, Jr., Volume 164Publication Date(Print):September 3, 1981, ISBN13: 9780841206410, eISBN: 9780841208377, DOI: 10.1021/bk-1981-0164
 84. **[Transplutonium Elements—Production and Recovery](#)**, Editor(s): James D. Navratil, Wallace W. Schulz, Volume 161Publication Date(Print):July 20, 1981, ISBN13: 9780841206380, eISBN: 9780841208308, DOI: 10.1021/bk-1981-0161
 85. **[Monohydric Alcohols: Manufacture, Applications, and Chemistry](#)**, Editor(s): Edward J. Wickson, Volume 159Publication Date(Print):June 15, 1981, ISBN13: 9780841206373, eISBN: 9780841208124, DOI: 10.1021/bk-1981-0159
 86. **[Wine Production Technology in the United States](#)**, Editor(s): Maynard A. Amerine, Volume 145Publication Date(Print):March 25, 1981, ISBN13: 9780841205963, eISBN: 9780841207622, DOI: 10.1021/bk-1981-0145
 87. **[Adsorption and Ion Exchange with Synthetic Zeolites: Principles and Practice](#)**, Editor(s): William H. Flank, Volume 135Publication Date(Print):August 15, 1980, ISBN13: 9780841205826, eISBN: 9780841207103, DOI: 10.1021/bk-1980-0135
 88. **[Innovation and U.S. Research: Problems and Recommendations](#)**, Editor(s): W. Novis Smith, Charles F. Larson, Volume 129Publication Date(Print):August 8, 1980, ISBN13: 9780841205611, eISBN: 9780841206960, DOI: 10.1021/bk-1980-0129
 89. **[Computer Applications to Chemical Engineering: Process Design and Simulation](#)**, Editor(s): Robert G. Squires, G. V. Reklaitis, Volume 124Publication Date(Print):May 30, 1980, ISBN13: 9780841205499, eISBN: 9780841206915, DOI: 10.1021/bk-1980-0124

90. [Thermodynamics: Second Law Analysis](#), Editor(s): Richard A. Gaggioli, Volume 122 Publication Date(Print): May 28, 1980, ISBN13: 9780841205413, eISBN: 9780841206878, DOI: 10.1021/bk-1980-0122
91. [Actinide Separations](#), Editor(s): James D. Navratil, Wallace W. Schulz, Volume 117 Publication Date(Print): April 16, 1980, ISBN13: 9780841205277, eISBN: 9780841206823, DOI: 10.1021/bk-1980-0117
92. [Hydrogen: Production and Marketing](#), Editor(s): W. Novis Smith, Joseph G. Santangelo, Volume 116 Publication Date(Print): March 26, 1980, ISBN13: 9780841205222, eISBN: 9780841206816, DOI: 10.1021/bk-1980-0116
93. [History of Chemical Engineering](#), Editor(s): William F. Furter, Volume 190 Publication Date(Print): June 1, 1980, ISBN13: 9780841205123, eISBN: 9780841223721, DOI: 10.1021/ba-1980-0190
94. [Coal Conversion Technology: Problems and Solutions](#), Editor(s): Arnold H. Pelofsky, Volume 110 Publication Date(Print): November 21, 1979, ISBN13: 9780841205161, eISBN: 9780841206755, DOI: 10.1021/bk-1979-0110
95. [Federal Regulation and Chemical Innovation](#), Editor(s): Christopher T. Hill, Volume 109 Publication Date(Print): September 5, 1979, ISBN13: 9780841205116, eISBN: 9780841206748, DOI: 10.1021/bk-1979-0109
96. [Federal R&D and Scientific Innovation](#), Editor(s): Leonard A. Ault, W. Novis Smith, Volume 105 Publication Date(Print): July 6, 1979, ISBN13: 9780841205079, eISBN: 9780841206571, DOI: 10.1021/bk-1979-0105
97. [Equations of State in Engineering and Research](#), Editor(s): Kwang Chu Chao, Robert L. Robinson, Jr., Volume 182 Publication Date(Print): December 1, 1979, ISBN13: 9780841205000, eISBN: 9780841223646, DOI: 10.1021/ba-1979-0182
98. [Thermodynamic Behavior of Electrolytes in Mixed Solvents—II](#), Editor(s): William F. Furter, Volume 177 Publication Date(Print): June 1, 1979, ISBN13: 9780841204287, eISBN: 9780841223585, DOI: 10.1021/ba-1979-0177
99. [Monitoring Toxic Substances](#), Editor(s): Dennis Schuetzle, Volume 94 Publication Date(Print): March 13, 1979, ISBN13: 9780841204805, eISBN: 9780841206175, DOI: 10.1021/bk-1979-0094
100. [New Uses of Sulfur—II](#), Editor(s): Douglas J. Bourne, Volume 165 Publication Date(Print): March 1, 1978, ISBN13: 9780841203914, eISBN: 9780841223462, DOI: 10.1021/ba-1978-0165
101. [Patent Policy: Government, Academic, and Industry Concepts](#), Editor(s): Willard Marcy, Volume 81 Publication Date(Print): June 1, 1978, ISBN13: 9780841204546, eISBN: 9780841205734, DOI: 10.1021/bk-1978-0081
102. [Industrial and Laboratory Pyrolyses](#), Editor(s): Lyle F. Albright, Billy L. Crynes, Volume 32 Publication Date(Print): June 1, 1976, ISBN13: 9780841203372, eISBN: 9780841203129, DOI: 10.1021/bk-1976-0032
103. [Industrial and Laboratory Nitrations](#), Editor(s): Lyle F. Albright, Carl Hanson, Volume 22 Publication Date(Print): June 1, 1976, ISBN13: 9780841203068, eISBN: 9780841202597, DOI: 10.1021/bk-1976-0022
104. [Petroleum Derived Carbons](#), Editor(s): Marvin L. Deviney, Thomas M. O'Grady, Volume 21 Publication Date(Print): June 1, 1976, ISBN13: 9780841203051, eISBN: 9780841202542, DOI: 10.1021/bk-1976-0021
105. [Thermodynamic Behavior of Electrolytes in Mixed Solvents](#), Editor(s): William F. Furter, Volume 155 Publication Date(Print): June 1, 1976, ISBN13: 9780841203020, eISBN: 9780841223363, DOI: 10.1021/ba-1976-0155

106. **Catalysts for the Control of Automotive Pollutants**, Editor(s): James E. McEvoy, Volume 143 Publication Date(Print): August 1, 1975, ISBN13: 9780841202191, eISBN: 9780841223240, DOI: 10.1021/ba-1975-0143
107. **Copolymers, Polyblends, and Composites**, Editor(s): Norbert A. J. Platzer, Volume 142 Publication Date(Print): June 1, 1975, ISBN13: 9780841202146, eISBN: 9780841223233, DOI: 10.1021/ba-1975-0142
108. **New Uses of Sulfur**, Editor(s): James R. West, Volume 140 Publication Date(Print): September 1, 1975, ISBN13: 9780841202184, eISBN: 9780841223219, DOI: 10.1021/ba-1975-0140
109. **Sulfur Removal and Recovery: from Industrial Processes**, Editor(s): John B. Pfeiffer, Volume 139 Publication Date(Print): April 1, 1975, ISBN13: 9780841202177, eISBN: 9780841223202, DOI: 10.1021/ba-1975-0139
110. **Homogeneous Catalysis—II**, Editor(s): Denis Forster, James F. Roth, Volume 132 Publication Date(Print): June 1, 1974, ISBN13: 9780841202016, eISBN: 9780841223134, DOI: 10.1021/ba-1974-0132
111. **Homogeneous Catalysis: Industrial Applications and Implications**, Editor(s): B. J. Luberoff, Volume 70 Publication Date(Print): June 1, 1974, ISBN13: 9780841200715, eISBN: 9780841222502, DOI: 10.1021/ba-1968-0070
112. **Extractive and Azeotropic Distillation**, Editor(s): Dimitrios P. Tassios, Volume 115 Publication Date(Print): August 1, 1974, ISBN13: 9780841201576, eISBN: 9780841222953, DOI: 10.1021/ba-1972-0115
113. **Polymerization Reactions and New Polymers**, Editor(s): Norbert A. J. Platzer, Volume 129 Publication Date(Print): June 1, 1973, ISBN13: 9780841201897, eISBN: 9780841223103, DOI: 10.1021/ba-1973-0129
114. **Polymerization Kinetics and Technology**, Editor(s): Norbert A. J. Platzer, Volume 128 Publication Date(Print): June 1, 1973, ISBN13: 9780841201880, eISBN: 9780841223097, DOI: 10.1021/ba-1973-0128
115. **Chemical Engineering in Medicine**, Editor(s): Daniel D. Reneau, Volume 118 Publication Date(Print): June 1, 1973, ISBN13: 9780841201798, eISBN: 9780841222984, DOI: 10.1021/ba-1973-0118
116. **Industrial Color Technology**, Editor(s): Ruth M. Johnston, Max Saltzman, Volume 107 Publication Date(Print): June 1, 1972, ISBN13: 9780841201347, eISBN: 9780841222878, DOI: 10.1021/ba-1971-0107
117. **Multicomponent Polymer Systems**, Editor(s): Norbert A. J. Platzer, Volume 99 Publication Date(Print): June 1, 1971, ISBN13: 9780841201132, eISBN: 9780841222793, DOI: 10.1021/ba-1971-0099
118. **Refining Petroleum for Chemicals**, Editor(s): L. J. Spillane, H. P. Leftin, Volume 97 Publication Date(Print): June 1, 1970, ISBN13: 9780841201095, eISBN: 9780841222779, DOI: 10.1021/ba-1970-0097
119. **Addition and Condensation Polymerization Processes**, Editor(s): Norbert A. J. Platzer, Volume 91 Publication Date(Print): June 1, 1969, ISBN13: 9780841200920, eISBN: 9780841222717, DOI: 10.1021/ba-1969-0091
120. **Propellants Manufacture, Hazards, and Testing**, Editor(s): Carl Boyars, Karl Klager, Volume 88 Publication Date(Print): June 1, 1969, ISBN13: 9780841200890, eISBN: 9780841222687, DOI: 10.1021/ba-1969-0088
121. **Stabilization of Polymers and Stabilizer Processes**, Editor(s): Norbert A. J. Platzer, Volume 85 Publication Date(Print): June 1, 1968, ISBN13: 9780841200869, eISBN: 9780841222656, DOI: 10.1021/ba-1968-0085

122. [Irradiation of Polymers](#), Volume 66 Publication Date(Print): June 1, 1967, ISBN13: 9780841200678, eISBN: 9780841222465, DOI: 10.1021/ba-1967-0066
123. [Regenerative EMF Cells](#), Editor(s): C. E. Crouthamel, H. L. Recht, Volume 64 Publication Date(Print): January 1, 1967, ISBN13: 9780841200654, eISBN: 9780841222441, DOI: 10.1021/ba-1967-0064
124. [Plasticization and Plasticizer Processes](#), Editor(s): Norbert A. J. Platzer, Volume 48 Publication Date(Print): January 1, 1965, ISBN13: 9780841200494, eISBN: 9780841222281, DOI: 10.1021/ba-1965-0048
125. [Patents for Chemical Inventions](#), Editor(s): Elmer J. Lawson, Edmund A. Godula, Volume 46 Publication Date(Print): January 1, 1964, ISBN13: 9780841200470, eISBN: 9780841222267, DOI: 10.1021/ba-1964-0046
126. [POLYMERIZATION AND POLYCONDENSATION PROCESSES](#), Editor(s): NORBERT A. J. PLATZER, Volume 34 Publication Date(Print): January 1, 1962, ISBN13: 9780841200357, eISBN: 9780841221963, DOI: 10.1021/ba-1962-0034
127. [PHYSICAL PROPERTIES OF CHEMICAL COMPOUNDS](#), Volume 15 Publication Date(Print): January 1, 1961, ISBN13: 9780841224483, eISBN: 9780841221611, DOI: 10.1021/ba-1955-0015
128. [NONMILITARY DEFENSE](#): Chemical and Biological Defenses in Perspective, Volume 26 Publication Date(Print): January 1, 1960, ISBN13: 9780841200272, eISBN: 9780841221802, DOI: 10.1021/ba-1960-0026
129. [METAL-ORGANIC COMPOUNDS](#), Volume 23 Publication Date(Print): January 1, 1959, ISBN13: 9780841200241, eISBN: 9780841221772, DOI: 10.1021/ba-1959-0023
130. [HANDLING AND USES OF THE ALKALI METALS](#), Volume 19 Publication Date(Print): January 1, 1957, ISBN13: 9780841200203, eISBN: 9780841221666, DOI: 10.1021/ba-1957-0019