1913

1. CLARK, Clinton Willard. (Title not Available).


3. CORLISS, Harry Percival. The Distribution of Colloidal Arsenic Trisulfide between the Phases in the System Ether, Water, and Alcohol.


5. SHIVELEY, Robert Rex. A Study of Magnesia Cements.

1914

6. UHLINGER, Roy H. The Formation of Utilizable Products from Natural Gas.

1915


8. LIEBOVITZ, Sidney. Study of Dynamics of Esterification.


10. WITT, Joshua Chitwood. Oxidation and Reduction Without the Addition of Acid. I. The Reaction between Ferrous Sulfate and Potassium Dichromate. II. The Reaction Between Stanous Chloride and Potassium Dichromate. (Neidle)

1917

11. COLEMAN, Arthur Bert. Tetraiodofluorescein, Tetraiodoeosin, Tetraiodoerythrosin and Some of Their Derivatives. (Pratt)


1919


16. DROGIN, Isaac. The Effect of Potassium Chloride on the Inversion of Cane Sugar by Formic Acid.

17. YOUNG, Charles Otis. Tetrabromophthalic Acid and Its Condensation with Some Primary Amines.
1920

18. BALZ, Emil Harold. Derivatives of 2,4,6-Trinitrobenzaldehyde. (Lowy)


1921


1922


22. HARVEY, Adelbert William. Sulfonation of Aromatic Hydrocarbons Under the Influence of Temperature. I. Sulfonation of Benzene. (Stegeman)

23. HENDERSON, William Franklin. The Chemical Properties of Cotton Linters. (Lowy)

24. HOWALD, Arthur Mark. The Catalytic Ammonolysis of Beta-Naphthol and Chlorobenzene in the Vapor State. (Lowy)


1923

28. DOWNEY, Thomas Briley. Derivatives of 2,4-Dinitrobenzaldehyde. III. (Lowy)

29. JONES, Charles Luther. The Retorting of Shale Oil.

30. KING, Charles Glen. Derivatives of 2,4-Dinitro-benzaldehyde. (Lowy)

31. WESCOTT, Blaine Benjamin. Catalytic Decomposition of Formic Acid. (Engelder)

1924

32. DUNBROOK, Raymond Frederick. The Electrolytic Oxidation of Toluene, p-Nitrotoluene and p-Chlorotoluene to Their Respective Acids. (Lowy)

33. HJORT, Elmer Victor. Selenium Galvanometric Colorimeter. (Lowy)

34. POWERS, Paul Odell. A Study of the Utilization of Light Wood Oil. (Lowy)
35. SAUNDERS, Paul Canfield. Composition of Ozone and the Time-Energy Factor in Ozone Formation. (Silverman)
36. SUTTON, Willard James. The Electrical Conductivity of Sodium Chloride in Molton Glass. (Silverman)
37. TESH, Kendall Siebert. The Electrolytic Preparation of Phenylhydrazine and Phenylmercuric Chloride. II. The Electrolytic Reduction of Salicylic Acid (Sodium Salt) to Salicylaldehyde. (Lowy)

1925
39. KAMMER, Glenn Donald. Ionium and Thorium in Colorado Carnotite. The Adsorption of Ionium and Thorium by Barium Sulfate. (Silverman)
40. LEWERS, William Wright. Comparative Study of Azo Dyes Made with H-Acid and Acetyl-H-Acid. (Lowy)
42. ROSENBERG, Jacob Ellis. Adsorption of Ions on Metallic Surfaces and Its Effect on Electrode Potentials. (Stegeman)
43. RUDISILL, William Augustus. Catalytic Activation of Titania. (Engelder)

1926
44. BALDWIN, Wilmer Entriken. The Action of Ozone on the Leuco-Base of Malachite Green. (Lowy)
45. CONN, John Ferguson. The Electrolytic Oxidation of p-Bromotoluene and o-Nitrotoluene. (Lowy)
46. CROCO, Carlton Webster. Electrochemical Chlorination and Bromination of Benzene. (Lowy)
47. KESLER, Carl Chambers. Purification of Abietic Acid from Rosin and Preparation of Some of Its Derivatives. (Lowy)
48. KESLER, Rachel Hoyle. Derivatives of α-Hydroxy-β-Naphthoic Acid. (Lowy)
49. NELSON, William Lionel. The Bromination and Chlorination of H-Acid and Chromotropic Acid. (Engelder)
50. NEVYAS, Jacob. Electrochemical Reduction of Indigo. (Lowy)
51. ROBINSON, Abraham Louis. The Solubility of Potassium Bromide in Acetone as Related to the Interionic Attraction Theory. (Stegeman)
52. TRUSLER, Ralf Barth. Amides and Amide Acid Sulfates from Nitriles and Esterification of Amide Acid Sulfates.

53. YOUNG, John Leslie. The Effect of Suspended Material Upon the Electrical Conductivity of Aqueous Solutions of Slightly Soluble Salts. (Stegeman)

1927

54. AVERILL, Harold Paul. The Relation Between the Chemical Constitution and Physical Properties of the Triglycerides. (King)

55. BALCAR, Frederick Rhinehart. The Adsorption and Solution Phenomena Encountered in Precipitations. (Stegeman)

56. HERRON, Frederick Young. Origin and Production of Fusel Oil.

57. MOORE, Catherine May. A Study of the Electrolytic Oxidation of Isoeugenol and Acetylisoeugenol. II. Some Derivatives of Acetylvanillin.

58. MYERS, Latimer Duffield. Application of the Solid Solution Theory to the "Sweating Process" of Paraffin Wax. (Stegeman/Faragher)


60. ROCHE, James Norman. The Relation Between the Chemical Structure and Physical Properties of Triglycerides. (King)

61. WOODWARD, Hubert Edmund. A Study of Conditions Affecting the Electrolytic Preparation of Sodium Amalgam.

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62. EDWARDS, David Fruston. The Relative Heats of Reaction of Sulfuric Acid with Naphtha Solutions of Olefins and the Polymerization of Trimethylethylene. (Lowy)

63. HUBBUCH, Leo Phillip. Electrochemical Reduction of Azo Dyes to Their Respective Amino Compounds. (Lowy)

64. LAI, Chi Fang. The Preparation and Study of Beryllium Glasses. (Silverman)

65. McCLURE, Robert Elmer, Jr. The Electrochemical Preparation of Phenylhydrazine. (Lowy)

66. MEAD, Morris, W., Jr. Proteolysis and the Specific Destruction of Amino Acids by Clostridium sporogenes and Clostridium histolyticum. (King)

67. MILLER, Lewis Earl. The Catalytic Oxidation to Carbon Monoxide by Titania and Mixtures of Titania with Various Metallic Oxides.
68. MITRA, Himansu Kumar. The Prevention of Disintegration of Blast Furnace Linings. (Silverman)

1929

69. DAVIDSON, James Meyer. Reactions of Vinyl Chloride and Benzene in the Presence of Aluminum Chloride.

70. MUNGER, Hamnett Pitzer. The Phase Diagram for the System Sulfur-Naphthalene and Its Relation to Introfaction. (Stegeman)


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72. BLUMER, Manuel. The Catalytic Oxidation of Carbon Monoxide. (Engleder)

73. GOLDBLATT, Leo Arthur. The Nitration of Abietic Acid and the Study of Some of Its Nitrogen Derivatives. (Lowy)

74. GRETTIE, Donald Pomeroy. The Preparation and Properties of Antiscorbutic Fractions from Lemon Juice. (King)

75. LANDOLT, George Lifred. The Relative Floating Powers of the Various Active Constituents of Crude Cresylic Acid in the Agitation-Froth Flotation of a Galena-Sphalerite-Pyrite Ore. (Lowy)

76. McKINNIS, Ronald B. The Nature of Vitamin C: A New Transference Apparatus and Its Use in the Study of Vitamin C. (King)

77. SIPPLE, Horace Lawson. A Study of the Preparation and Properties of Vitamin C Fractions from Lemon Juice. (King)

78. THIESSEN, Gilbert. The Isolation of the Humic Acid. (Engelder)

1931


81. LABARTHE, Jules. Oxidation of a High Melting Paraffin (Superla Wax). (Lowy)

82. PAYNE, Claron R. Study of the Composition of a Highly Cracked Gasoline Before and After Heat Treatment. (Lowy)

83. ROBINSON, Herbert Edwin. Synthetic Fatty Acid Glycerides. (King)
84. SCHILLER, William John. System of Inorganic Qualitative Microanalysis. (Engelder)
85. SMITH, Frederick Lauderburn, II. Vitamin C Preparations from Lemon Juice. (King)
86. SVIRBELY, Joseph Louis. Study in the Preparation of Vitamin C Concentrates from Lemon Juice. (King)

1932

87. AMDUR, Isadore. The Temperature Coefficient of the Recombination Rate of Atomic Hydrogen. (Robinson)
88. ARNOLD, Chester L. The Isolation and Study of the Humic Acids from Peat. (Lowy)
90. GLICK, David. Relationships Between the Constitution of Organic Compounds and Their Effects upon Liver Esterase and Pancreatic Lipase. (King)
91. HAAS, Matthias Edward. Heat Capacity and Free Energy of Formation of Ethylene. (Stegeman)
92. JACKSON, Donald Tash. Study of Partially Acylated Glycerides. (King)
93. LEVIN, David Edward. Derivatives of Dihydroeugenol and Certain Pharmacological Properties of Some of these Compounds. (Lowy)
94. MARTIN, Samuel Maner. The Distribution of Gum Forming Constituents in a Cracked Gasoline. (Lowy)
95. RASCH, Carl Henry. Electrochemical Oxidation of Anthraquinone. (Lowy)
96. WARDNER, Carl Arthur. Nitration of m-Diphenylbenzene and Derivatives of Nitro-m-Diphenylbenzene. (Lowy)
97. WHITE, Elam Gurney. The Electrochemical Oxidation of Naphthalene Using a New Type of Electrode.
98. WHITE, Guy Haywood, Jr. The Electrolytic Oxidation of Leuco-Bases of the Triphenylmethane Series of Dye Stuffs. (Lowy)

1933

99. ANDREWS, Leslie Henry. Catalytic Reduction of Azo and Anthraquinone Types of Compounds. (Lowy)
100. BESSEY, Otto Arthur. The Protein Metabolism of Clostridium histolyticum and Clostridium sporogenes: An Enzyme Study. (King)
101. BIGELOW, Maurice Hubbard. A Study of the Sodium Series of Selenium Glass. (Silverman)
102. GILLANDER, Hugh E. A Study of the Factors Involved in the Weathering of Creosotes. (King)
103. HOYT, Creig Simmons. The Free Energy of Formation of Lead Amalgams. (Stegeman)
104. PETTY, Gerald McKinney. The System Sulfur-Octachlorobiphenyl. (Stegeman)
105. WAUGH, William A. The Isolation and Identification of Vitamin C. (King)

1934

106. BAKER, Zelma. A Study of the Purification, Specificity and Inhibition of Liver Esterase. (King)
107. DAUGHERTY, Thomas Hill. A New Mercury Arc Microscope Illuminator and a Preliminary Study of the Fluorescence of Rayons.
108. GULBRANSEN, Earl A. Relative Partial Molal Heat Contents and Partial Molal Heat Capacities of Sodium Chloride Solutions. (Robinson)
109. McELROY, Olive Elizabeth. Synthetic Triglycerides of the Dilaurin Series. (King)
110. SILVER, Samuel Lewis. Friedel-Craft's Type Reactions on Biphenyl. (Lowy)
111. STIMMEL, Benjamin F. The Preparation and Properties of Beta-Monoglycerides. (King)
112. WEBER, Helmut Henry Reppin. Inhibition and Specificity of Liver Esterase and Pancreas Lipase. (King)

1935

113. BLAU, Henry Hess. Causes of Opalescence in Glasses: Silicon, Sodium, Calcium, Oxygen, Fluorine Series. (Silverman)
114. BRANDES, Oliver Leonard Victor. Catalytic Polymerization of Propylene. (Lowy)

1936

116. FURTSCH, Edward Frank. The Heat Capacity and Entropy of Beta-Lactose. (Stegeman)
117. KANE, Howard L. Reactions of Alkyl Sulfates, Tetraethyl Orthosilicate, and Diethyl Carbonate in Friedel-Craft’s Syntheses. (Lowy)
118. LAWTON, Howard Champreux. The Recombination of Hydrogen Atoms. (Robinson)
1937

119. BAMBAS, Louis Ludwig. The Respiration of the Pneumococci with Special Reference to the Dehydrogenase System. (King)

120. DUNKELBERGER, Tobias Henry. Integral Heats of Dilution, Relative Partial Molal Heat Contents and Heat Capacities of Aqueous Cadmium Sulfate Solutions. (Robinson)

121. GREEN, Melvin William. A Study of the Chemistry of Cascara Sagrada. (King)

122. HARRIS, Edward Lee. Preparation of Derivatives of 4-Phenyl Salicylaldehyde. (Lowy)

123. LYMAN, Carl Morris. Studies on Vitamin C. Relationships to Biological Oxidations and Diphtheria Toxin. (King)

124. MUSULIN, Rade Rade. Studies on Vitamin C Analysis.

125. PHILLIPS, Joseph. The Electrolytic Reduction of Trinitro Aromatic Compounds to Their Respective Triamines and the Titration of Aromatic Amines with Nitrous Acid. (Lowy)

126. SIGAL, Alex. Studies of Vitamin C. Relationships of Vitamin C and Diphtheria Toxin to the Glucose Tolerance of Guinea Pigs. (King)

1938

127. BERMAN, Nathan. Reactions of Trialkyl Phosphates, Alkyl Acetates, and Tertiary Butyl Hypochlorite in the Friedel-Crafts' Syntheses. (Lowy)

128. GOODMAN, Henry Gaines. Friedel-Crafts' Reactions on Meta-Diphenylbenzene. (Lowy)

129. KLEIBACKER, Wilson McAlarney. Chemical Reactions of Thiophthalic Anhydride. (Lowy)

1939

130. ALBERT, William Charles. The Electrochemical Reduction of Furfural. (Lowy)

131. CLARKE, Theodore H. The Heat of Formation of Sugars. (Stegeman)


133. NORRIS, Frank Arthur. The Synthesis and Hydrolysis of Optically Active Monopalmitin. (King)

134. O'BROCHTA, John. Thio Compounds Derived from Aroyl Orthobenzoic Acids. (Lowy)

1940

136. DODDS, Mary Letitia. The Catalytic Oxidation of Ascorbic Acid. (King)
137. EPELBERG, Jack J. The Alkylation of Biphenyl Using Alkyl Sulfates in Friedel-Crafts' Syntheses. (Lowy)
138. HARRER, Carter John. Ascorbic Acid in Tissue Respiration and Isolated Enzyme Systems. (King)
139. LIDDELL, Robert William. A Study of the Chemistry of Cascara Sagrada. (King)
141. SILVERBLATT, Ethel. A Study of the Copper Catalyzed Oxidation of Ascorbic Acid. (King)
142. SUN, Kuan-Han. Tantalum Glass: K2O.Ta2O5.SiO2 Series. (Silverman)

1941

143. BIANCULLI, Joseph Amedeo. p-(p-Aminophenyl)-Benzenesulfonamide and Derivatives. (Lowy)
145. JACK, George William. The Heat Capacities and Entropies of Two Monosaccharides. (Stegeman)
146. MIRON, Simon. Preparation of Bis-(Substituted Aryloxy)-Methanes. (Lowy)
147. RAY, Gardner Cleveland. Reactions of Ketene. (Lowy)
148. SAFFORD, Hurd Winter. Alumina-Silica Relationship in Glass. (Silverman)
149. VAN METER, Clarence Taylor. p-(p-Aminophenyl)-Benzenesulfonamide and Derivatives. (Lowy)

1942

151. ABRAMS, Ellis. Derivatives of Meta-Diphenylbenzene. (Lowy)
152. FONTAINE, Thomas Davis. The Quantitative Determination of the Amino Acids of Cottonseed Globulin. (Lowy)
153. KAPFF, Sixt Frederick. Effect of an Aluminum Chloride Treatment on the Composition and Properties of Pennsylvania Type Lubricants.
154. NICKELS, Joseph Edward. High Temperature Destructive Alkylation of Cyclic Hydrocarbons with Gaseous Paraffins Under Pressure. (Baldwin)
155. SOLOMON, Sister Miriam Grace. Some Derivatives of (a) Trimethylgallaldehyde, (b) Trimethylgalloyl Chloride. (Lowy)

156. WALSTON, Wayne Ervan. A Study of the Electrolytic Oxidation of Acenaphthene. (Lowy)

1943

157. BALDWIN, Arthur Richard. Several Aspects of Fat Metabolism in Guinea Pigs and Rats. (Longenecker)

158. DONIA, Robert Alan. The Effect of Substitution in Anthraquinone-2-Azo Dyes. (Longenecker)

159. DRAKE, Billy Blandin. A Study of the Oxidations of Tyrosine and Tryptophane Including Potentiometric Measurements. (Smythe)

160. FRICKE, Howard Henry. Preparation and Properties of Some Synthetic Monounsaturated Fatty Acid Glycerides. (Longenecker/Daubert)

161. JACKSON, Frank Lawrence. Synthetic Glycerides: Preparation and Properties of a Series of Symmetrical Mono-\textit{\textleao}-Disaturated Triglycerides. (Longenecker)

162. KUIKEN, Keeneth Alfred. I. A Study of Guinea Pig Nutrition with Reference to the Need for Unknown Dietary Factors. II. A Study of the Effect of Deficiencies in Copper and Iron on the Catalase Activity of Rat Tissues. (Schultze)

163. LAWRENCE, John McCune. The Purification and Properties of the Liver Enzyme Which Causes the Production of Hydrogen Sulfide from Cysteine. (Smythe)

164. MCKINLEY, Joseph Burns. The Thermal Polymerization and Cyclic Dimerization of Isobutylene.

165. MORGAN, Marcus S. A Study of Some Derivatives of \textit{\textit{cis}}3,6-Endomethylene-)4- Tetrahydrophthalic Anhydride. (Dull)

166. NEUBECK, Clifford Edward. Glutathione: A Study of Its Reactions Including Enzymatic Hydrolysis. (Smythe)

167. RIESER, Raymond George. Polarographic Investigation of Glutathione, Cysteine, and Ascorbic Acid. (Smythe)

168. SPIEGL, Charles J. Unsymmetrical Triglycerides of the Diolein Series. (Longenecker)


170. WEAVER, Welcome I. A Study of Morpholinomethyl Derivatives of Urea and Substituted Ureas.

171. WILSON, Alexander Logan. Ethylenimine Dimer and Certain Analogues. (Lowy)
1944

172. ANDERSON, John Ray. Non-Benzenoid Hydrocarbons in Refined Coke-Oven Benzol. (Engelder)

173. CRAIG, Raymond Scott. The Heat Capacity and Entropy of L-Ascorbic Acid. (Stegeman)

174. FENG, Kuo-Chih. Certain Aspects of Biological Synthesis of Ascorbic Acid in Rats. (McCoy)

175. FILER, Lloyd Jackson. A Study of Chemical Changes Occurring During Fat Autoxidation. (Longenecker)

1945

176. KAPLAN, Ephraim Henry. The Characterization of Products of Coal Hydrogenation. (Daubert)

1946

177. GRIM, J. Marshall. The Thermal Polymerization of 2-Vinylnaphtalene. (Baldwin)

178. PURVIS, Sarah Ellen. Chemical Studies Related to Blood Formation. (McCoy)


1947

180. FISCHER, Marie Augusta. An Investigation of the Electrophoretic Changes Accompanying the Inactivation of Tobacco Mosaic Virus by Treatment with Formaldehyde. (Lauffer/Wallace)

181. ROBBINS, Thomas Ennis, Jr. The Preparation of Certain Nitrothiocyanophenols.

182. SPEIER, John Leopold, Jr. Some Alpha-Substituted Organo-Silicon Compounds: Their Synthesis, Derivatives, and Properties. (Daubert)

183. STEFL, Eugene Paul. The Reaction of 2-Nitropropane with Acid Anhydrides.

1948

184. DONIN, Milton Norman. The Biological Specificity of Biotin: An Approach to the Synthesis of the Cyclopentane Analogue of Biotin. (Hofmann)

185. FINEMAN, Morton A. Heats of Formation and Some Derived Thermodynamic Properties of Sodium Chloride-Sodium Bromide Solid Solutions. (Wallace)

186. GOODWIN, John Thomas, Jr. The Use of Sodium in the Preparation of Methylene-Linked Silanes.

187. OFFUTT, William Franklin. Heats of Dilution of Aqueous Solutions of Four Amino Acids. (Robinson)

188. ROTHERMEL, Joseph Jackson. X-Ray Absorbing Phosphate Glass: PbO-WO3-P2O5 System. (Silverman)

1949

190. BEACHAM, Harry Hoyt, Jr. The Interaction of Carbohydrates and Amines as Related to the Browning Reaction. (Dull)

191. DAVIS, William Donald. Heats of Formation of Sodium Borohydride, Lithium Borohydride, and Lithium Aluminum Hydride. (Stegeman)

192. DOERSCHUK, Albert Peter. Low Temperature Solvent Fractionation of Corn Oil; Calculation of Its Glyceride Structure. (Daubert)

193. HIGBIE, Howard Ernest. Some Thermal Relations in the System Sucrose-Water. (Stegeman)


195. MITZ, Milton A. Studies on the Mode of Action of Biotin. (Hofmann)

196. NATHAN, Charles Carb. The Heat of Combustion of Boron and Lithium Borohydride. (Stegeman)

197. SKURCENSKI, Anton. A Comparative Study of Some Isomeric Quinoline-Azo Compounds. (Baldwin)

198. SPINDT, Roderick S. The Chemistry of Some Olefin Sulfurization Products.


200. WOOLFOLK, E. Oscar, Jr. A Study of Some Oxygenated Compounds Produced by the Hydrogenation of Coal.

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202. BOODMAN, David Morris. The Heat Capacities and Entropies of Sodium Borohydride and Lithium Borate. (Stegeman)

203. BOWMAN, Robert Samuel. Steric and Resonance Effects in the t-Butyl and Isobutylphenols. (Baldwin/Stearns)

204. BUCK, Thomas M., Jr. The Heats of Formation of Certain Magnesium-Cadmium Alloys at 25EC. (Wallace)

205. FARRAR, Martin Wilbur. The Acylation of Certain Thiophene and Furan Derivatives. (Levine)
206. FELDMAN, Julian. The Separation of 1- and 2-Methylnaphthalenes by Azeotropic Distillation. (Hofmann)

207. KETCHEN, Eugene E. Heats of Formation of Sodium-Potassium Alloys at 25EC. (Wallace)

208. KLEIN, Ralph. A Tracer Study of the Thermal Decomposition of Cellulose Nitrate and an Experimental Approach to the Mechanism of Propellant Burning. (Robinson/Vonelbe)

209. MAGEE, Margaret Zerelda. Contribution to the Synthesis of Peptides of High Molecular Weight. (Hofmann)


211. REGGEL, Leslie. Synthesis of Benz[j] Fluoranthene and Benz[k] Fluoranthene. (Hofmann)

212. ROSENFELD, Robert Samson. Contributions to the Chemistry of Limonin.

213. SCHEPARTZ, Abner Irwin. The Isolation, Identification, and Synthesis of Reversion Compounds in Hydrogenated Soybean Oil.

214. STAPF, Robert Joseph. The Isolation and Identification of Reversion Compounds in Soybean Oil. (Daubert)

215. TRUMBORE, Forrest A. Free Energies of Formation of Magnesium-Cadmium Alloys between 270EC and 300EC. (Wallace)

216. WENDER, Irwin J. A Study of the Oxo and Related Reactions. (Levine)

1951

217. BERK_Z, Mehmet Belig. Studies on the Synthesis of Unsaturated 2-Monoglycerides. (Daubert/Hill)

218. BROWNING, Luther Cannon. Equilibria in the Systems Fe3C-Fe-CH4-H2, Fe2C-Fe-CH4-H2 and C-CH4-H2. (Robinson/Emmet)

219. DICKEL, Daniel Frederick. Studies of Bound Forms of Biotin in Yeast and Liver. (Hofmann)


221. HONN, Francis Jerome. The Autoxidation of Drying Oils. (Daubert)


223. KOONTZ, Donald Eldridge. Some General Chemistry of Molybdenum(IV) and Molybdenum(V) in Non-aqueous Systems. (Nicholson)
224. LEWIS, Alexander, Jr. A Study of the Selenium Dehydrogenation of Cyclohexane. (Baldwin/Hanson)

225. LUCAS, Robert Armistead. The Chemical Nature of the Fatty Acids of *Lactobacillus arabinosus*. (Hofmann)

226. MARTIN, Charles J. The Isolation, Identification and Synthesis of Flavor Components in Reverted Soybean Oil. (Daubert)

227. MERKER, Dwight Raber. Surface Film Studies on Monoglycerides and Triglycerides. (Daubert)

228. MINFORD, James Dean. Factors Affecting the Production of Coproporphyrin in Yeast. (McCoy)


231. SATTERTHWAITE, Cameron B. Low Temperature Heat Capacity and Related Properties of an Alloy of Cadmium and Magnesium. (Craig)

232. SNEED, James Knight. A Study of the Reactivity of Certain Esters in the Claisen Condensation.

1952

233. BARKLEY, Lloyd Blair. A Study of the Synthesis of Certain Fluorinated Carbonyl Compounds. (Levine)

234. BARRETT, Wayne Thomas. A Study of Sodium Chloride-Potassium Chloride Solid Solutions. (Wallace)

235. BODE, J. Daniel. Derivative Polarography, the Two-Electrode Method. (Safford)

236. CHARLES, Robert George. Structure and Behavior of Some Chelating Agents of Analytical Significance. (Freiser)

237. DAVIS, Claude Manning. Adsorptimetric Study of Metallo-Organic Complexes in the Ultraviolet-Visible Spectral Regions. (Safford)

238. FUGGER, Joseph John, Jr. Analysis of Fatty Acid Autoxidation Products by Countercurrent Distribution Methods. (Daubert)

239. GENSER, Milton. The Heat Capacities, Entropies, and Free Energies of Formation of Lithium Borohydride and Sodium Borohydride. (Mason)

241. HANNAN, Roy Barton, Jr. The Molecular Structure of Dicyanoacetylene. (Klug)

242. HARRISON, James Beckman. The Autoxidation of Isolinoleic Acid. (Daubert)

243. KLINE, Richard Henry. Some Studies Relating to the Browning Reaction. (Dull)

244. PILAT, Howard Lionel. Preparation of Characterization of Surface Active Compounds. (Daubert)

245. WILT, Myron H. The Pyridylethylation of Ketones. (Levine)

246. ZABOR, Robert Charles. Hydrocarbon Adsorption of Synthetic Silica-Alumina.

1953


248. COFFER, Lynn Wallace. Low Temperature Heat Capacities and Related Properties of Pure Magnesium, MgCd3 and Mg3Cd. (Wallace)

249. GOLDBERG, Newton Nathaniel. A Study of the Acylation of Certain Methylated Tar Bases. (Levine)


251. MINN, James. Studies of Corn Oil Phosphatides. (Daubert)

252. SAX, Sylvin M. The Chemical Nature of the Fatty Acids of Lactobacillus casei. (Hofmann)

253. SILBERT, Leonard Stanton. The Heats of Formation and Transition of Isomeric Monoglycerides. (Daubert)

254. STEINBACH, John Franklin. Acetyl Acetone as an Analytical Extraction Agent. (Freiser)

1954

255. BEHNKE, Walter Eric. Contributions to the Chemistry of Cyclopropane Compounds. (Hofmann)

256. CARUSO, Sebastian Charles. Surface Film Studies in Isomeric Diglycerides. (Daubert)

257. FLINN, Richard Alfred. The Thermal Expansivities and Kinetic Behavior of Some Magnesium-Cadmium Alloys in the Order-Disorder Range. (Wallace)


259. MATTHEWS, Joseph S. Structure of the Dimeric Acid Produced during the Carbonation of Grignard Reagents from Primary Propargylic Bromides. (Wotiz)
260. MELNICK, Laben Morton. Extraction of Metal Thiocyanate Complexes with Tri-n-Butyl Phosphate. (Freiser)


262. SWICKLIK, Leonard Joseph. The Kinetics of Hydrogenation of Triglycerides. (Daubert)

1955


264. COARK, William Sidney. The Low Temperature Atomic Heats of Copper, Silver, and Gold; and Vanadium in the Superconductive State. (Wallace)

265. DIETZ, Paul Luther, Jr. Studies on the Linear Crystallization Velocity of Sodium Acetate in Supersaturated Solutions. (Hollingsworth)

266. GREENFIELD, Harold. The Reaction of Acetylenic and Allenic Compounds with Cobalt Carbonyls. (Wotiz)

267. INGRAM, Alvin Richard. Contributions to the Synthesis of Peptides. (Hofmann)

268. JOHNSTON, William Vanderbilt. An Adiabatic Vacuum Calorimeter for the Range 15E to 290EC and the Heat Capacities and Related Properties of Mg3Cd and MgCd3. (Wallace)

269. KRIER, Carol Alnoth. Low Temperature Heat Capacity of Potassium and Na2K. (Craig)


271. McGrATH, Thomas Frederick. A Study of the Reactions of Certain Halogenated Acids and Esters with Organolithium Compounds. (Levine)

272. OSUCH, Carl. The Alkylation and Acylation of Certain Tar Bases.


274. TAUSIG, Fred. The Chemical Nature of Fatty Acids of Microbiological Origin.

275. TABER, Joseph John. An Investigation of the Possibility of the Separation of Triglycerides by Countercurrent Distribution.

276. WALTER, Joseph Lawrence. The Evaluation of Some Related Heterocyclic Compounds as Analytical Reagents for Metals.
1956

277. DESSY, Raymond Edwin. The Kinetics and Mechanism of the Reaction of 1-Alkynes with Organomagnesium Compounds. (Wotiz)

278. DRUSHEL, Harry Vernon. Spectrophotometric Investigation of the Iodine Complexes of Some Organic Sulfur Compounds. (Safford)

279. DURAND, Harry Walter. A Study of D-Glucose Polymerization. (Dull)

280. HALL, W. Keith. Catalytic Hydrogenation over Copper-Nickel Alloys.

281. HARKINS, Thomas Regis. The Chelating Tendencies of Some Compounds of Biochemical Interest. (Freiser)

282. HARRISON, George Conrad, Jr. A Thermodynamic Study of Silver Ion Complexes with Polynuclear Hydrocarbons. (Freiser)

283. KEDER, Wilbert Eugene. Some Thermodynamic and Flow Properties of Aqueous Solutions of Two Amino Sulphonic Acids. (Frank)

284. MAGNUS, George. The Reactions of Vinylpyridines with Active Hydrogen Compounds. (Levine)


286. OROCHENA, Salvador Francisco. Contribution to the Synthesis of Lactobacillic Acid.

287. PLUMMER, William Allan. Some Thermodynamic and Flow Properties of Aqueous Solutions of Cis- and Trans- 1,4-Aminocyclohexanecarboxylic Acids. (Frank)


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1047. TRIPA, Cornel-Emil. Special Adsorption and Reaction Effects at Step Defect Sites on Platinum Single Crystal Surfaces. (Yates)

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1050. WANG, Chengfei. Intra- and Inter-molecular Electron Transfer and Vibrational Coupling Studied by Ultrafast Spectroscopy. (Walker)

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1057. HILFIKER, Mark. Developments in Asymmetric Catalysis Toward the Total Synthesis of Laulimalide. (Nelson)
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1063. RIVKIN, Alexey. Samarium Diodide Mediated Tandem Radical-Ionic Reactions: Model Studies Towards the Total Synthesis of Penitrem D. (Curran)

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1078. OZDEMIR, Abdil. Structural Studies of Peptides by UV Resonance Raman and Mass Spectrometry. (Grabowski)


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1081. RECTOR, Stacy. The Total Synthesis of the Stemona Alkaloid (-)-Tuberostemonine. (Wipf)

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1093. GEARY, Caroline. Electrochemical Investigation of Metal Ion Complexations for Use in Analytical Applications. (Weber)

1094. KHAN, Amina. Voltammetry as a Tool for Monitoring Dopamine Regulation in the Straitum. (Michael)

1095. KREETHANDUMRONGDAT, Thanapong. Mechanistic and Synthetic Studies of Organolithiums. (Cohen)

1096. MENZ, Terri. Poly(amino acids) for Drug and Gene Delivery. (Chapman)

1097. MEZHENNY, Serge. Nanostructuring and Imaging by STM. (Yates)

1098. REESE, Chad. Development of a Biophysical Reactor for Pharmacodynamic Studies of Taxol Using Field Flow Fractionation. (Asher)

1099. STAN, Magadalena. Efficient Asymmetric Construction of Building Blocks for Natural Products Synthesis. (Nelson)

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1107. DANDIPANI, Sivaraman. Fluorous Mitsunobu Reactions and Total Synthesis of Sixteen Stereoisomers of Pine Sawfly Sex Pheromone by Fluorous Mixture Synthesis. (Curran)

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1009. JOO, Beomjun. Synthetic Studies toward Biologically Active Quinones and Alkaloids. (Wipf)

1110. KASSICK, Andrew. Catalytic, Asymmetric Acyl Halide-Aldehyde Cyclocondensations in Complex Molecular Synthesis and Application to the Installation of Stereocenters. (Nelson)

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1113. LEE, Christopher. Synthesis and Studies Directed Toward Multidrug Resistance Modulating Natural Products. (Floreancig)

1114. LEE, Jae-Gook. Studies of Molecular-assembly on Metal Surfaces Using Surface Science Techniques. (Yates)

1115. LEE, Keri. Synthesis and Characterization of Dendritic Poly(L-lysine)Based Polymers for Use in Tissue Engineering. (Chapman)

1116. LIN, Mingxiang. Application of Ion-Molecular Reactions to Structure Characterization and Thermochemical Property Measurements. (Grabowski)

1117. MALECKAR, Susan. The Synthesis, Characterization and Evaluation of Lysine-Based Dendrimers as Surfactants and Emulsifiers – Potential Artificial Blood Solubilization. (Chapman)

1118. MAUER, Marta. Photochemical Control of Photonic Crystal Diffraction. (Asher)

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1120. SECREST, Patricia. Photochromism of d1-d1 Oxo Bridged Dinuclear Complexes. (Cooper)

1121. SKILLMAN, Charles. Hydraamphiphiles: Poly(ethylene glycol)-Supported Polylysine Dendrimers as Biocompatible Surfactants. (Chapman)
1122. WEI, Jianjun. Heterogeneous Electron Transfer of Supramolecular Assemblies. (Waldeck)

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1127. BYL, Oleg. Investigation of Adsorption, Reaction and Confinement of Molecules in Single Wall Carbon Nanotubes. (Yates)

1128. HABAY, Stephen. The Synthesis and Characterization of Water Soluble Hydronidole-Based Nanostructures of Designed Three-Dimensional Architectures. (Schafmeister)


1130. HOPKINS, Tamara D. Studies in Natural Product Chemistry: Synthesis of Palmarumycin CP1 Analogs and Total Synthesis and Structure Validation of (+) – Bistramide C. (Wipf)

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1133. LIU, Hanbin. Improved Sampling in Monte Carlo Simulations of Small Clusters. (Jordan)

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1135. MA, Gil. Design and Synthesis of Organic Molecules with New Physical and Biological Properties. (Wipf)

1136. MEADOWS, Pamela. The Mechanical Unfolding of Fibronectin using Atomic Force Microscopy and It’s Relevance to Biocompatibility Studies. (Walker)

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1138. RECH, Jason. The Development of an Electron Transfer Initiated Cyclization Approach Toward the Total Synthesis of Mycalamide B. The Synthesis of the N7-C25 Fragment of Psyberin. (Floreancig)

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1141. SEIDERS II, John R. The Development of Novel Electron Transfer Initiated Cyclization (ETIC) Reaction: The Discovery of the Diastereoselective ETIC and Its Application Toward the Total Synthesis of Leucascandrolide A. (Floreancig)

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1145. SUN, Yujie. Mechanics of Particle and Polymer Assemblies. (Walker)


1147. TiVANSKI, Alexei. Spatially and Temporally Resolved Studies of Electron Transfer Reactions in Solutions and Thin Organic Surfaces. (Walker)

1148. TRIPP, Jonathan. Stereochemistry of Hexenyl Radical Cyclizations with tert-Butyl and Related Large Groups: Substituent and Temperature Effects. (Curran)

1149. TSAI, Ming-Kang. Theoretical study of salvation of ions by argon atoms. (Jordan)


1151. Yi, John T. High Resolution Electronic Spectroscopy of Large Polyatomic Molecules: Structures, Interactions and Electronic Distributions. (Pratt)

1152. YOU, Lingfeng. I. Synthetic efforts towards ingenol. II. Cross-conjugated Trienes and Their Application to Rapid Increase in Molecular Complexity. (Bummond)

1153. ZHAO, Hong. Molecular Selectivity in Fluorous Media and Determination of Barbiturates with Capillary Electrophoresis (CZE and MEKC). (Weber)

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1155. COPENHAFER, James. Synthesis and Characterization of Poly (9,9-dihexylfluorene-methylene)s. (Meyer)

1156. GOPALARATHNAM, Apsara. Efforts towards the Total Synthesis of Amphidinolide B. (Nelson)

1157. GRAHAM, Thomas H. Synthesis of Oxazole-containing Natural Products. (Wipf)

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1160. MAMANOV, Artem B. Modeling Ion and Water Permeation through Narrow Biological Channels. (Coalson)

1161. MENG, Rong. Studies of Cu(II) Complexes of Bioactive Peptides. (Weber)

1162. THOMPSON, Tracy L. Photocatalysis on Titanium Dioxide Surfaces. (Yates)


1164. WALKER, Jeremy. Development of Photonic Crystal Hydrogel Sensors for Organophosphates and Ammonia. (Asher)

1165. WASMUTH, Andrew. Utility of the Catalytic, Asymmetric AAC Reaction in Natural Product Synthesis. (Nelson)

1166. XIAO, Jingbo. From Chemical Methodologies Development to Biological Targets: Synthesis and Applications of (E)-Alkene and Cyclopropane Peptide Isosteres. (Wipf)

1167. YANG, Fanglong. Total Synthesis of Purealin and its Analogs; Synthesis of Lagunapyrone B and its Isomers with Fluorous Mixture Synthesis. (Curran)

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1169. ALVAREZ, Leonardo. Molecular Excited State Dynamics via High Resolution Electronic Spectroscopy in the Gas Phase. (Pratt)

1170. AMS, Mark. Intramolecularly Sensitized Precipitons: Efforts toward Metal Scavenging and Solubility Control. (Wilcox)
1171. BACA, Justin. Point of Care Sensors for Diabetes and Myocardial Ischemia. (Asher)

1172. BHAYANA, Brijesh. Diffusion and Reaction in Spos and Noncovalent Interactions in Water. (Wilcox)

1173. CHEN, Zhi. High-throughput Methods to Determine Intermolecular Association and Lipophilicity. (Weber)

1174. CUI, Jun. Vibrational Spectra and n-Body Decomposition Analyses of Water Clusters. (Jordan)

1175. DIRI, Kadir. Theoretical Studies of Dipole-bound Anions and Small Water Clusters. (Jordan)

1176. FORTNEY, Carol. Ligands Designed for Ruthenium Nitrosyl Transport. (Douglas)

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1178. KAUR, Pawlinder. Aggregation of Conjugated Polyelectrolytes in Dilute Solutions and Transmission Spectroscopy Based on Metal Nanoslit Arrays. (Waldeck)

1179. KELLER, Adam. Homolytic Aromatic Substitution, Conformational Dynamics of Dihydrophenanthridines, and Amide Synthesis with Fluorous Technology: Methodologies in Reaction, Analysis, and Separation. (Curran)

1180. KIM, Sunhee. Molecular Diffusion, Adsorption and Reaction on Oxide Surfaces as Studied by FT-IR. (Yates)


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1185. MIKHONIN, Aleksandr. Direct UV Resonance Raman Monitoring of Protein Folding Reaction Coordinate: Alpha-helix Melting and Formation Revisited. (Asher)

1186. MITASEV, Branko. Transition Metal-catalyzed Reactions of Allenes in Diversity-oriented Synthesis. (Brummond)

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1188. MORGAN, Paul. Synthesis of Bis-Amino Acid Oligomers and Determination of Their Structure by NMR. (Schafmeister)
1189. MORRIS, Mark. Using the Flowing Afterglow as a Chemical Reaction Mass Spectrometer. (Grabowski)

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1194. TAORMINA, Christopher. Mass Spectrometric Analysis of Biological Molecules. (Grabowski)

1195. TURKYILMAZ, Serhan. Oligomeric Ethylene Glycols as Sorting Tags for Combinatorial Synthesis. (Wilcox)


1197. WILLOUGHBY, Bridget. Quantitative Voltammetric Analysis in the Brain: Functional Significance of Tonic Extracellular Dopamine Levels. (Michael)


1199. YANG, Ao. Studies of Reductive Lithiation Methods for the Preparation of Organolithium Compounds and Applications of the Palladium Catalyzed Zinc-ene Cyclization. (Cohen)

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1201. ZHU, Guangyu. Cell-based and Biochemical Screens for Small-molecule Inhibitors of Dynein and of HSP70. (Day)

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1206. ENGLUND, Erika. The Synthesis and Biology of Trx/TrxR Inhibitors and Prodrugs. (Wipf)


1208. GREEN, Michael. An Investigation of the Pederin Family: Total Synthesis of Theopederin D; Synthesis and Determination of the Relative and Absolute Configuration of Psymberic Acid. (Floreancig)

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1211. IVANOV, Roman. Generalization of Highly γ-Selective Alkylation of Allyl Halides and Phosphoric Esters (γ-SAL Allylic Substitutions) by Alkylzinc Halides and its Application in Metallo-ene Cyclizations. The Superiority of Properly Prepared Lithium 1,N,N-Dimethylaminonaphthalenide over other Aromatic Radical-anions for the Generation of Organolithiums. (Cohen)

1212. JUNG, Won-Hyuk. Total Synthesis of Dictyostatin Analogs for Anticancer Agents. (Curran)


1214. MITALA MOTZKO, Christina. Understanding the Brain After Injury: The Development of an Electrochemical Sensor to be Used in Hypoxic Environments. (Michael)

1215. MITALA, Joseph. Investigation of Dermal Absorption of Water Fluoridation Agents as Contributors to Systemic Fluoride Exposure: Quantification of Fluoride Levels in Plasma with an Ion Elective Electrode. (Michael)

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1217. PAUL, Amit. Charge Transfer through Chiral Organic and Peptide Nucleic Acid (PNA) Molecules. (Waldeck)

1218. PIERCE, Joshua. Applications of Allyl and Alkenyl Zirconocenes and Progress Toward the Total Synthesis of Tubero-stemonone. (Wipf)

1219. RACCOR, Brianne. Mechanisms and Kinetics of Microtubule Perturbing Agents. (Day)
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1230. GUPTA, Sharad. Expanding the Complexity and Functional Diversity of Bis-amino Acid Building Block. (Schafmeister)

1231. JUN, Sangmi. Measurements of Protein Folding/Misfolding using Pulsed Electron Spin Resonance. (Saxena)

1232. MUSCATELLO (Ward), Michelle. Advances in Materials Development of Responsive Photonic Crystal Hydrogels. (Asher)

1233. NOROSKI, Joseph. Collision Energy Dependence of the Reactions of Metastable Neon with Small Molecules. (Jordan/Siska)

1235. PAINTER, Thomas. Application of Allene-ynes to the Synthesis of Novel Carbocyclic and Heterocyclic Scaffolds. (Brummond)

1236. PONIATOWSKI, Alexander. Radical Cations in Synthesis: Utilizing an Electron Transfer-initiated Cyclization Toward the Natural Product Apicularen A. (Floreancig)

1237. READ, Ian. Solid Mediated Electronic Transfer in C-clamp Molecules. (Waldeck)

1238. SARKAR, Nihar. Alkenyl Iminium Ion in Diels-alder Reaction: Synthesis of Highly Substituted N-heterocycles. (Nelson)

1239. STONE, Katherine. Structural Insights of Oligomeric Protein Complexes by Electron Spin Resonance. (Saxena)

1240. SUI, Bin. Fluorous Mixture Synthesis and Structure Assignment of Petrocortyne A and its Stereoisomers. (Curran)

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1242. WALCZEK, Maciej. Synthesis and Reactions of Cyclo[1.1.0]butanes. (Wipf)

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1244. WANG, Xiao. Fluorous Mixture Synthesis of the Stereoisomer Library of Macrolide Sch725674. (Curran)

1245. YINGLING, Adrienne. Semiconductor Nanocrystals as Novel Antennae for Luminescent Lanthanide Cations. (Petoud)

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1247. AN, Jihyun. Porous Metal-Adeninate Crystalline Materials: Syntheses, Structures, and Emerging Properties. (Rosi)

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1249. BOHN, Justin. Fabrication, Ordering, and Optical Properties of Photonic Crystals Made from Crystalline Colloidal Arrays. (Asher.)

1250. BROWN, Zachary. Synthesis and Application of Functionalized Bis-Peptides Through Hindered Amind Bond Formation. (Floreancig/Schafmeister)

1251. BYKOV, Sergei. Development of Raman Instrumentation and Methodologies for Peptide and Protein Investigations. (Asher)
1252. CHOI, Tae Hoon. Studies of Potential Energy Surfaces of Neutral, Protonated, Negatively Charged Water Clusters. (Jordan)

1253. DAVIS, Kathryn Ewing. Charge Transfer in Immobilized biomolecules: Small Steps Toward Molecular Devices. (Waldeck)

1254. HOYE, Adam. Synthesis of Natural and Non-natural Polycyclic Alkaloids. (Wipf)

1255. KAUFFMAN, Douglas. Structure versus Electrocatalytic Activity of Nanoscale Copper Oxides. (Star)

1256. KEYSER, Sandra Kim. Evaluation of the Halogen Bond and the Salt Bridge Interaction Using the Molecular Torsion Balance. (Wilcox)

1257. LAMMIE, Bradley. Making Single-cell Electroporation with Microelectrodes Predictable and Reproducible. (Weber)


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1262. RODGERS, Patrick. Electrochemical Recognition and Transport of Ions at Liquid/Liquid Interfaces as a Principle for Biomedical and Environmental Analysis and Beyond. (Amemiya)

1263. WANG, Chenbo. Synthetic Studies on Haouamine A. (Wipf)

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1265. WHITE, Kiley. Near-infrared Emitting Lanthanide Metal-organic Frameworks with Tunable Photophysical Properties. (Rosi)

1266. YANG, Zhongyu. Copper Ion-based Electron Spin Resonance Spectroscopic Rulers. (Saxena)

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1285. SHIN, Byong-kyu. Electron Spin Resonance Analysis of Cu(II) Coordination in Alzheimer’s Disease-related Peptides. (Saxena)

1286. STAYSHICH, Ryan. Sequence Engineering: Fine Tuning Polymer Properties at the Microstructural Level. (Meyer)

1287. THOMAS, Jessica. Structure and Dynamics of Biomolecules in the Gas Phase Using Vibrationally and Rotationally Resolved Electronic Spectroscopy. (Pratt)

1288. VARGO, Thomas. Catalytic Asymmetric Aldol Equivalents for an Enantioselective Total Synthesis of Apoptolidin C. (Nelson)


1290. YAN, Fangyong. Self-assembly of Liquid Crystals and Chiral Superstructures: From Coarse-grained to Fully Atomistic Models. (Jordan)

1291. YANG, Yanhong. Fluorous Separation and Reaction Based on Porous Alumina Membranes Modified by Perfluoropolyether Carboxylic Acid. (Weber)

1292. YEH, An-hung Edmund. Fluorous Mixtrue Synthesis (FMS) of Four Isomers of 4, 8, 12, Trimethylnonadeconal and the Development of an NMR-based Method for Determining Configurations of Polyisoprenoid Structures. (Curran)

1293. YOUNG, Justin. High Resolution Laser Studies of Photoinduced Changes in Molecular Charge Distributions Using the Stark Effect. (Pratt)

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1296. GOU, Pingping. Metal Ion/pH Detection Based on Carbon Nanotubes. (Star)


1298. HWANG, Leekyoung. Development and Mechanistic Study of a Peptide Based Methodology for the Preparation of Nanoparticle Superstructures. (Rosi)

1299. JUNG, Hyung Hoon. Synthesis of Leucascandrolide A Macrolactone & Gold-catalyzed Synthesis of Heterocycles. (Floreancig)
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