

# Jonathan S Lindsey

## List of Publications by Citations

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379  
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24,696  
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L-index

#	Paper	IF	Citations
370	Rothmund and Adler-Longo reactions revisited: synthesis of tetraphenylporphyrins under equilibrium conditions. <i>Journal of Organic Chemistry</i> , <b>1987</b> , 52, 827-836	4.2	1170
369	Probing electronic communication in covalently linked multiporphyrin arrays. A guide to the rational design of molecular photonic devices. <i>Accounts of Chemical Research</i> , <b>2002</b> , 35, 57-69	24.3	777
368	Investigation of the synthesis of ortho-substituted tetraphenylporphyrins. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 828-836	4.2	602
367	PhotochemCAD—A Computer-Aided Design and Research Tool in Photochemistry. <i>Photochemistry and Photobiology</i> , <b>1998</b> , 68, 141	3.6	589
366	PhotochemCAD—A Computer-Aided Design and Research Tool in Photochemistry. <i>Photochemistry and Photobiology</i> , <b>1998</b> , 68, 141-142	3.6	517
365	One-flask synthesis of meso-substituted dipyrromethanes and their application in the synthesis of trans-substituted porphyrin building blocks. <i>Tetrahedron</i> , <b>1994</b> , 50, 11427-11440	2.4	468
364	Molecular memories that survive silicon device processing and real-world operation. <i>Science</i> , <b>2003</b> , 302, 1543-5	33.3	467
363	Refined Synthesis of 5-Substituted Dipyrromethanes. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 1391-1396	4.2	412
362	Design, Synthesis, and Photodynamics of Light-Harvesting Arrays Comprised of a Porphyrin and One, Two, or Eight Boron-Dipyrroin Accessory Pigments. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 10001-10017	16.4	388
361	Structural control of the photodynamics of boron-dipyrroin complexes. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 20433-43	3.4	342
360	Molecular Optoelectronic Gates. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 3996-3997	16.4	325
359	An Artificial Photosynthetic Antenna-Reaction Center Complex. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 8604-8614	16.4	287
358	Soluble Synthetic Multiporphyrin Arrays. 2. Photodynamics of Energy-Transfer Processes. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 11181-11193	16.4	283
357	Investigation of Conditions Giving Minimal Scrambling in the Synthesis of trans-Porphyrins from Dipyrromethanes and Aldehydes. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 2864-2872	4.2	273
356	Synthesis of Ethyne-Linked or Butadiyne-Linked Porphyrin Arrays Using Mild, Copper-Free, Pd-Mediated Coupling Reactions. <i>Journal of Organic Chemistry</i> , <b>1995</b> , 60, 5266-5273	4.2	261
355	Synthetic routes to meso-patterned porphyrins. <i>Accounts of Chemical Research</i> , <b>2010</b> , 43, 300-11	24.3	259
354	A Scalable Synthesis of Meso-Substituted Dipyrromethanes. <i>Organic Process Research and Development</i> , <b>2003</b> , 7, 799-812	3.9	255

353	Porphyrin building blocks for modular construction of bioorganic model systems. <i>Tetrahedron</i> , <b>1994</b> , 50, 8941-8968	2.4	244
352	Building-block synthesis of porphyrin light-harvesting arrays. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 7519-7520	16.4	238
351	Soluble Synthetic Multiporphyrin Arrays. 1. Modular Design and Synthesis. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 11166-11180	16.4	228
350	Rational syntheses of porphyrins bearing up to four different meso substituents. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 7323-44	4.2	227
349	Template-Directed Synthesis, Excited-State Photodynamics, and Electronic Communication in a Hexameric Wheel of Porphyrins. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 8927-8940	16.4	220
348	Database of Absorption and Fluorescence Spectra of >300 Common Compounds for use in PhotochemCAD. <i>Photochemistry and Photobiology</i> , <b>2018</b> , 94, 290-327	3.6	205
347	Effects of Orbital Ordering on Electronic Communication in Multiporphyrin Arrays. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 11191-11201	16.4	203
346	Excited-state energy-transfer dynamics in self-assembled triads composed of two porphyrins and an intervening Bis(dipyrrinato)metal complex. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 6629-47	5.1	199
345	Structural control of the excited-state dynamics of bis(dipyrrinato)zinc complexes: self-assembling chromophores for light-harvesting architectures. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 2664-5	16.4	192
344	Measurements of electron-transfer rates of charge-storage molecular monolayers on Si(100). Toward hybrid molecular/semiconductor information storage devices. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 505-17	16.4	192
343	Molecules for charge-based information storage. <i>Accounts of Chemical Research</i> , <b>2011</b> , 44, 638-50	24.3	189
342	An efficient one-flask synthesis of N-confused tetraphenylporphyrin. <i>Organic Letters</i> , <b>1999</b> , 1, 1455-8	6.2	184
341	PhotochemCAD 2: A Refined Program with Accompanying Spectral Databases for Photochemical Calculations¶. <i>Photochemistry and Photobiology</i> , <b>2005</b> , 81, 212	3.6	180
340	Synthetic Chlorins, Possible Surrogates for Chlorophylls, Prepared by Derivatization of Porphyrins. <i>Chemical Reviews</i> , <b>2017</b> , 117, 344-535	68.1	169
339	Investigation of MALDI-TOF Mass Spectrometry of Diverse Synthetic Metalloporphyrins, Phthalocyanines and Multiporphyrin Arrays. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>1999</b> , 03, 283-291 <sup>1.8</sup>		162
338	Efficient Energy Transfer and Electron Transfer in an Artificial Photosynthetic Antenna Reaction Center Complex□. <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 2036-2048	2.8	156
337	Energy-Transfer Modeling for the Rational Design of Multiporphyrin Light-Harvesting Arrays. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 4209-4216	3.4	141
336	A Simple Method for Preparing Magnesium Porphyrins. <i>Inorganic Chemistry</i> , <b>1995</b> , 34, 1063-1069	5.1	141

335	Synthesis and photophysical properties of light-harvesting arrays comprised of a porphyrin bearing multiple perylene-monoimide accessory pigments. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 6519-34	4.2	127
334	Structural Control of Photoinduced Energy Transfer between Adjacent and Distant Sites in Multiporphyrin Arrays. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 7579-7591	16.4	126
333	Synthesis of "Porphyrin-linker-Thiol" molecules with diverse linkers for studies of molecular-based information storage. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 7345-55	4.2	126
332	De novo synthesis of stable tetrahydroporphyrinic macrocycles: bacteriochlorins and a tetradehydrocorrin. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 5475-86	4.2	125
331	Design and Synthesis of Porphyrin-Based Optoelectronic Gates. <i>Chemistry of Materials</i> , <b>2001</b> , 13, 1023-1034	9.34	123
330	De novo synthesis of gem-dialkyl chlorophyll analogues for probing and emulating our green world. <i>Chemical Reviews</i> , <b>2015</b> , 115, 6534-620	68.1	117
329	Investigation of a Synthesis of meso-Porphyrins Employing High Concentration Conditions and an Electron Transport Chain for Aerobic Oxidation. <i>Journal of Organic Chemistry</i> , <b>1994</b> , 59, 579-587	4.2	116
328	A tightly coupled linear array of perylene, bis(porphyrin), and phthalocyanine units that functions as a photoinduced energy-transfer cascade. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 6634-49	4.2	114
327	Stable synthetic cationic bacteriochlorins as selective antimicrobial photosensitizers. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2010</b> , 54, 3834-41	5.9	110
326	Diverse redox-active molecules bearing identical thiol-terminated tripodal tethers for studies of molecular information storage. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 1461-9	4.2	107
325	Expanded scope of synthetic bacteriochlorins via improved acid catalysis conditions and diverse dihydrodipyrin-acetals. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 1016-39	4.2	105
324	Accessing the near-infrared spectral region with stable, synthetic, wavelength-tunable bacteriochlorins. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 947	3.6	105
323	Synthesis and Excited-State Photodynamics of PerylenePorphyrin Dyads. 1. Parallel Energy and Charge Transfer via a Diphenylethyne Linker. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 8237-8248	3.4	103
322	Effects of central metal ion (Mg, Zn) and solvent on singletexcited-state energy flow in porphyrin-based nanostructures. <i>Journal of Materials Chemistry</i> , <b>1997</b> , 7, 1245-1262		101
321	Ground and Excited State Electronic Properties of Halogenated Tetraarylporphyrins: Tuning the Building Blocks for Porphyrin-based Photonic Devices. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>1999</b> , 03, 117-147	1.8	101
320	Imidazole metalloporphyrins as photosensitizers for photodynamic therapy: role of molecular charge, central metal and hydroxyl radical production. <i>Cancer Letters</i> , <b>2009</b> , 282, 63-76	9.9	99
319	Rational synthesis of meso-substituted chlorin building blocks. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 3160-72	4.2	98
318	Thiol-Derivatized Porphyrins for Attachment to Electroactive Surfaces. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 8635-8647	4.2	97

3 <sup>17</sup>	Design and synthesis of manganese porphyrins with tailored lipophilicity: investigation of redox properties and superoxide dismutase activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 7066-86	3.4	96
3 <sup>16</sup>	Efficient synthesis of monoacyl dipyrromethanes and their use in the preparation of sterically unhindered trans-porphyrins. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 1084-92	4.2	96
3 <sup>15</sup>	Excited-State Energy Transfer and Ground-State Hole/Electron Hopping in p-Phenylene-Linked Porphyrin Dimers. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 9426-9436	3.4	96
3 <sup>14</sup>	Examination of Tethered Porphyrin, Chlorin, and Bacteriochlorin Molecules in Mesoporous Metal-Oxide Solar Cells. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 15464-15478	3.8	94
3 <sup>13</sup>	Molecular approach toward information storage based on the redox properties of porphyrins in self-assembled monolayers. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , <b>2000</b> , 18, 2359		94
3 <sup>12</sup>	Capacitance and conductance characterization of ferrocene-containing self-assembled monolayers on silicon surfaces for memory applications. <i>Applied Physics Letters</i> , <b>2002</b> , 81, 1494-1496	3.4	91
3 <sup>11</sup>	In vitro photodynamic therapy and quantitative structure-activity relationship studies with stable synthetic near-infrared-absorbing bacteriochlorin photosensitizers. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 4018-27	8.3	88
3 <sup>10</sup>	Synthesis of thiol-derivatized ferrocene-porphyrins for studies of multibit information storage. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 7356-62	4.2	87
3 <sup>09</sup>	Studies related to the design and synthesis of a molecular octal counter. <i>Journal of Materials Chemistry</i> , <b>2001</b> , 11, 1162-1180		87
3 <sup>08</sup>	Rational Synthesis of Trans-Substituted Porphyrin Building Blocks Containing One Sulfur or Oxygen Atom in Place of Nitrogen at a Designated Site. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 7890-7901	4.2	87
3 <sup>07</sup>	Interplay of Orbital Tuning and Linker Location in Controlling Electronic Communication in Porphyrin Arrays. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 4008-4018	16.4	87
3 <sup>06</sup>	Investigation and Refinement of Palladium-Coupling Conditions for the Synthesis of Diarylethyne-Linked Multiporphyrin Arrays. <i>Chemistry of Materials</i> , <b>1999</b> , 11, 2974-2983	9.6	87
3 <sup>05</sup>	A self-assembled light-harvesting array of seven porphyrins in a wheel and spoke architecture. <i>Organic Letters</i> , <b>2000</b> , 2, 2563-6	6.2	83
3 <sup>04</sup>	Beneficial effects of salts on an acid-catalyzed condensation leading to porphyrin formation. <i>Tetrahedron</i> , <b>1997</b> , 53, 12339-12360	2.4	82
3 <sup>03</sup>	Synthetic chlorins bearing auxochromes at the 3- and 13-positions. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 4092-102	4.2	82
3 <sup>02</sup>	Rational synthesis of meso-substituted porphyrins bearing one nitrogen heterocyclic group. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 2249-52	4.2	82
3 <sup>01</sup>	Synthesis of meso-substituted chlorins via tetrahydrobilene-a intermediates. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 7342-54	4.2	82
3 <sup>00</sup>	Synthetic approaches to regioisomerically pure porphyrins bearing four different meso-substituents. <i>Tetrahedron</i> , <b>1995</b> , 51, 11645-11672	2.4	81

299	Photophysical properties and electronic structure of stable, tunable synthetic bacteriochlorins: extending the features of native photosynthetic pigments. <i>Journal of Physical Chemistry B</i> , <b>2011</b> , 115, 10801-16	3.4	80
298	Stable synthetic bacteriochlorins overcome the resistance of melanoma to photodynamic therapy. <i>FASEB Journal</i> , <b>2010</b> , 24, 3160-70	0.9	80
297	Synthesis and properties of weakly coupled dendrimeric multiporphyrin light-harvesting arrays and hole-storage reservoirs. <i>Journal of Materials Chemistry</i> , <b>2002</b> , 12, 65-80		80
296	Synthesis and excited-state photodynamics of phenylethyne-linked porphyrin-phthalocyanine dyads. <i>Journal of Materials Chemistry</i> , <b>2000</b> , 10, 283-296		80
295	Structural characterization of modular supramolecular architectures in solution. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 14054-62	16.4	78
294	Comparison of Electron-Transfer and Charge-Retention Characteristics of Porphyrin-Containing Self-Assembled Monolayers Designed for Molecular Information Storage. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 8639-8648	3.4	78
293	Rational syntheses of cyclic hexameric porphyrin arrays for studies of self-assembling light-harvesting systems. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 7402-19	4.2	78
292	Biohybrid photosynthetic antenna complexes for enhanced light-harvesting. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 4589-99	16.4	77
291	Photophysical Characterization of Imidazolium-Substituted Pd(II), In(III), and Zn(II) Porphyrins as Photosensitizers for Photodynamic Therapy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2008</b> , 200, 346-355	4.7	77
290	Laser Desorption Mass Spectrometry of Synthetic Multiporphyrin Arrays. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>1997</b> , 01, 93-99	1.8	76
289	Synthesis and Properties of Star-Shaped Multiporphyrin-phthalocyanine Light-Harvesting Arrays. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 9090-9100	4.2	75
288	Visible light-harvesting in covalently-linked porphyrin-cyanine dyes. <i>Tetrahedron</i> , <b>1989</b> , 45, 4845-4866	2.4	75
287	Synthesis and physicochemical properties of metallochlorins. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 9443-64	3.64	74
286	Porphyrins bearing mono or tripodal benzylphosphonic acid tethers for attachment to oxide surfaces. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 1453-60	4.2	74
285	Synthesis of peryleneporphyrin building blocks and rod-like oligomers for light-harvesting applications. <i>Journal of Materials Chemistry</i> , <b>2002</b> , 12, 3438-3451		74
284	Efficient Synthesis of Light-Harvesting Arrays Composed of Eight Porphyrins and One Phthalocyanine. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 9101-9108	4.2	74
283	A tin-complexation strategy for use with diverse acylation methods in the preparation of 1,9-diacetyldipyrromethanes. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 765-77	4.2	73
282	A survey of acid catalysts for use in two-step, one-flask syntheses of meso-substituted porphyrinic macrocycles. <i>Organic Letters</i> , <b>2000</b> , 2, 1745-8	6.2	73

281	Synthesis of Linear Amphipathic Porphyrin Dimers and Trimers: An Approach to Bilayer Lipid Membrane Spanning Porphyrin Arrays. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 7534-7544	4.2	73
280	Effects of substituents on synthetic analogs of chlorophylls. Part 2: Redox properties, optical spectra and electronic structure. <i>Photochemistry and Photobiology</i> , <b>2007</b> , 83, 1125-43	3.6	72
279	Investigation of porphyrin-forming reactions. Part 3. The origin of scrambling in dipyrromethane + aldehyde condensations yielding trans-A2B2-tetraarylporphyrins. <i>Perkin Transactions II RSC</i> , <b>2001</b> , 701-711		72
278	Characterization of Charge Storage in Redox-Active Self-Assembled Monolayers. <i>Langmuir</i> , <b>2002</b> , 18, 4030-4040	4	71
277	Synthesis of thiol-derivatized europium porphyrinic triple-decker sandwich complexes for multibit molecular information storage. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 7379-90	4.2	68
276	Regioselective 15-bromination and functionalization of a stable synthetic bacteriochlorin. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 5350-7	4.2	67
275	Characterization of self-assembled monolayers of porphyrins bearing multiple thiol-derivatized rigid-rod tethers. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 11944-53	16.4	66
274	Porphyrins bearing arylphosphonic acid tethers for attachment to oxide surfaces. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 1444-52	4.2	65
273	Effects of substituents on synthetic analogs of chlorophylls. Part 1: Synthesis, vibrational properties and excited-state decay characteristics. <i>Photochemistry and Photobiology</i> , <b>2007</b> , 83, 1110-24	3.6	64
272	Investigation of rational syntheses of heteroleptic porphyrinic lanthanide (europium, cerium) triple-decker sandwich complexes. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 4762-74	5.1	64
271	Tailoring a bacteriochlorin building block with cationic, amphipathic, or lipophilic substituents. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 5806-20	4.2	63
270	Investigation of two rational routes for preparing p-phenylene-linked porphyrin trimers. <i>Tetrahedron</i> , <b>2001</b> , 57, 9285-9298	2.4	63
269	Rational synthesis of beta-substituted chlorin building blocks. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 7919-29	4.2	63
268	Bioconjugatable porphyrins bearing a compact swallowtail motif for water solubility. <i>Bioconjugate Chemistry</i> , <b>2006</b> , 17, 638-53	6.3	62
267	Porphyrin architectures tailored for studies of molecular information storage. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 6739-50	4.2	61
266	Structural and electron-transfer characteristics of O-, S-, and Se-tethered porphyrin monolayers on Si(100). <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 15603-12	16.4	61
265	Sparsely substituted chlorins as core constructs in chlorophyll analogue chemistry. III. Spectral and structural properties. <i>Tetrahedron</i> , <b>2007</b> , 63, 3850-3863	2.4	60
264	Tapping the near-infrared spectral region with bacteriochlorin arrays. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 511	3.6	59

- 263 Direct synthesis of magnesium porphine via 1-formyldipyrromethane. *Journal of Organic Chemistry*, **2007**, 72, 5008-11 4.2 59
- 262 Synthesis and excited-state photodynamics of peryleneporphyrin dyads Part 3. Effects of perylene, linker, and connectivity on ultrafast energy transfer. *Journal of Materials Chemistry*, **2001**, 11, 2420-2430 59
- 261 Diverse redox-active molecules bearing O-, S-, or Se-terminated tethers for attachment to silicon in studies of molecular information storage. *Journal of Organic Chemistry*, **2004**, 69, 1435-43 4.2 58
- 260 PhotochemCAD 3: Diverse Modules for Photophysical Calculations with Multiple Spectral Databases. *Photochemistry and Photobiology*, **2018**, 94, 277-289 3.6 58
- 259 Investigation of Streamlined Syntheses of Porphyrins Bearing Distinct Meso Substituents. *Organic Process Research and Development*, **2006**, 10, 118-134 3.9 57
- 258 Synthesis of phenylethyne-linked porphyrin dyads. *Tetrahedron*, **2004**, 60, 2011-2023 2.4 57
- 257 Synthesis and electronic properties of regioisomerically pure oxochlorins. *Journal of Organic Chemistry*, **2002**, 67, 7329-42 4.2 57
- 256 N-Confused Tetraphenylporphyrin and Tetraphenylsapphyrin Formation in One-Flask Syntheses of Tetraphenylporphyrin. *Journal of Organic Chemistry*, **1999**, 64, 1596-1603 4.2 57
- 255 Introduction of a third meso substituent into 5,10-diaryl chlorins and oxochlorins. *Journal of Organic Chemistry*, **2005**, 70, 275-85 4.2 56
- 254 Synthesis of porphyrins bearing hydrocarbon tethers and facile covalent attachment to si(100). *Journal of Organic Chemistry*, **2004**, 69, 5568-77 4.2 56
- 253 Alkylthio unit as an alpha-pyrrole protecting group for use in dipyrromethane synthesis. *Journal of Organic Chemistry*, **2006**, 71, 903-10 4.2 55
- 252 Synthesis of cyclic hexameric porphyrin arrays. Anchors for surface immobilization and columnar self-assembly. *Journal of Organic Chemistry*, **2003**, 68, 8199-207 4.2 55
- 251 Sparsely substituted chlorins as core constructs in chlorophyll analogue chemistry. I. Synthesis. *Tetrahedron*, **2007**, 63, 3826-3839 2.4 53
- 250 Stepwise formation and characterization of covalently linked multiporphyrin-imide architectures on Si(100). *Journal of the American Chemical Society*, **2006**, 128, 6965-74 16.4 53
- 249 Investigation of acid cocatalysis in syntheses of tetraphenylporphyrin. *Journal of Porphyrins and Phthalocyanines*, **2001**, 05, 681-690 1.8 53
- 248 Glaser-mediated synthesis and photophysical characterization of diphenylbutadiyne-linked porphyrin dyads. *Journal of Organic Chemistry*, **2002**, 67, 2111-7 4.2 53
- 247 Synthesis and Characterization of Tetrachlorodiarylethyne-Linked Porphyrin Dimers. Effects of Linker Architecture on Intradimer Electronic Communication. *Inorganic Chemistry*, **1998**, 37, 1191-1201 5.1 53
- 246 Photophysical Properties and Electronic Structure of Porphyrins Bearing Zero to Four meso-Phenyl Substituents: New Insights into Seemingly Well Understood Tetrapyrroles. *Journal of Physical Chemistry A*, **2016**, 120, 9719-9731 2.8 53



245	Effects of aldehyde or dipyrromethane substituents on the reaction course leading to meso-substituted porphyrins. <i>Tetrahedron</i> , <b>2004</b> , 60, 11435-11444	2.4	52
244	Practical synthesis of perylene-monoimide building blocks that possess features appropriate for use in porphyrin-based light-harvesting arrays. <i>Tetrahedron</i> , <b>2003</b> , 59, 1191-1207	2.4	52
243	Electrical characterization of redox-active molecular monolayers on SiO <sub>2</sub> for memory applications. <i>Applied Physics Letters</i> , <b>2003</b> , 83, 198-200	3.4	52
242	Design, synthesis, and characterization of prototypical multistate counters in three distinct architectures. <i>Journal of Materials Chemistry</i> , <b>2002</b> , 12, 808-828		52
241	Trans-Substituted porphyrin building blocks bearing iodo and ethynyl groups for applications in bioorganic and materials chemistry. <i>Tetrahedron</i> , <b>1998</b> , 54, 7721-7734	2.4	51
240	PhotochemCAD 2: A Refined Program with Accompanying Spectral Databases for Photochemical Calculations¶. <i>Photochemistry and Photobiology</i> , <b>2007</b> , 81, 212-213	3.6	50
239	Design, synthesis, and photophysical characterization of water-soluble chlorins. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 3145-58	4.2	50
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