

# Lechoslaw Latos-Grazynski

## List of Publications by Citations

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#	Paper	IF	Citations
286	Tetra-p-tolylporphyrin with an Inverted Pyrrole Ring: A Novel Isomer of Porphyrin. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 779-781		509
285	Figure eights, Möbius bands, and more: conformation and aromaticity of porphyrinoids. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 4288-340	16.4	354
284	Expanded porphyrin with a split personality: a Hückel-Möbius aromaticity switch. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7869-73	16.4	255
283	Poly- and oligometalloporphyrins associated through coordination. <i>Coordination Chemistry Reviews</i> , <b>2000</b> , 204, 113-171	23.2	228
282	Core modified porphyrins as macrocyclic platform for organometallic chemistry. <i>Coordination Chemistry Reviews</i> , <b>2005</b> , 249, 2510-2533	23.2	213
281	Benziporphyrins: exploring arene chemistry in a macrocyclic environment. <i>Accounts of Chemical Research</i> , <b>2005</b> , 38, 88-98	24.3	193
280	Figure-Eight-Strukturen, Möbius-Bänder und mehr: Konformation und Aromatizität von Porphyrinoiden. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4376-4430	3.6	153
279	Cadmium(II) and nickel(II) complexes of benziporphyrins. A study of weak intramolecular metal-arene interactions. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 4566-80	16.4	150
278	Tetraphenylbenzporphyrin—a ligand for organometallic chemistry. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 5113-7	4.8	149
277	Reactions of Nickel(II) 2-Aza-5,10,15,20-tetraphenyl-21-carbaporphyrin with Methyl Iodide. The First Structural Characterization of a Paramagnetic Organometallic Nickel(II) Complex. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 5690-5701	16.4	144
276	5,10,15,20-Tetraphenylsapphyrin-Identification of a Pentapyrrolic Expanded Porphyrin in the Rothmund Synthesis. <i>Chemistry - A European Journal</i> , <b>1995</b> , 1, 68-73	4.8	143
275	Oxygenation patterns for iron(II) porphyrins. Peroxo and ferryl (FeIVO) intermediates detected by proton nuclear magnetic resonance spectroscopy during the oxygenation of (tetramesitylporphyrin)iron(II). <i>Journal of the American Chemical Society</i> , <b>1984</b> , 106, 7779-7785	16.4	141
274	Tetraphenyl-p-benziporphyrin: a carbaporphyrinoid with two linked carbon atoms in the coordination core. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 3838-9	16.4	135
273	Monoinvertiertes Tetra-p-tolylporphyrin: ein neues Porphyrinisomer. <i>Angewandte Chemie</i> , <b>1994</b> , 106, 805-808	3.6	131
272	Flexible Porphyrinoids. <i>Chemical Reviews</i> , <b>2017</b> , 117, 2839-2909	68.1	128
271	21-Thiatetra-p-tolylporphyrin and its copper(II) bicarbonate complex. Structural effects of copper-thiophene binding. <i>Journal of the American Chemical Society</i> , <b>1987</b> , 109, 4428-4429	16.4	128
270	Three-level topology switching in a molecular Möbius band. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 3140-52	16.4	120

- 269 Expanded Porphyrin with a Split Personality: A Hückel/Möbius Aromaticity Switch. *Angewandte Chemie*, **2007**, 119, 8015-8019 3.6 116
- 268 Subpyrrophenin-a[14]triphyrin(1.1.1) homologue with an embedded pyridine moiety. *Angewandte Chemie - International Edition*, **2006**, 45, 3670-4 16.4 116
- 267 Preparation and characterization of some hydroxy complexes of iron(III) porphyrins. *Inorganic Chemistry*, **1982**, 21, 2412-2418 5.1 116
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- 265 Palladium vacataporphyrin reveals conformational rearrangements involving Hückel and Möbius macrocyclic topologies. *Journal of the American Chemical Society*, **2008**, 130, 6182-95 16.4 107
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- 263 Core chemistry and skeletal rearrangements of porphyrinoids and metalloporphyrinoids. *Chemical Society Reviews*, **2015**, 44, 3588-616 58.5 105
- 262 Proton NMR characterization of the ferryl group in model heme complexes and hemoproteins: evidence for the FeIVO group in ferryl myoglobin and compound II of horseradish peroxidase. *Journal of the American Chemical Society*, **1983**, 105, 782-787 16.4 95
- 261 Nickel complexes of 21-oxaporphyrin and 21, 23-dioxaporphyrin. *Chemistry - A European Journal*, **1997**, 3, 268-78 4.8 93
- 260 Five-coordinate complexes of 21-thiaporphyrin. Preparations, spectra, and structures of iron(II), nickel(II), and copper(II) complexes. *Inorganic Chemistry*, **1989**, 28, 1183-1188 5.1 89
- 259 Palladium (II) complexes of oxybenzporphyrin. *Inorganic Chemistry*, **2001**, 40, 6892-900 5.1 86
- 258 Figure-eight tetrathiaoctaphyrin and dihydrotetrathiaoctaphyrin. *Chemistry - A European Journal*, **2001**, 7, 5099-112 4.8 84
- 257 A direct link between annulene and porphyrin chemistry--21-vacataporphyrin. *Chemistry - A European Journal*, **2002**, 8, 5403-6 4.8 81
- 256 A facile palladium-mediated contraction of benzene to cyclopentadiene: transformations of palladium(II) p-benzporphyrin. *Angewandte Chemie - International Edition*, **2011**, 50, 6587-91 16.4 77
- 255 Alteration of the Reactivity of a Tellurophene Within a Core-Modified Porphyrin Environment: Synthesis and Oxidation of 21-Telluraporphyrin. *Angewandte Chemie International Edition in English*, **1995**, 34, 2252-2254 75
- 254 Copper(II) and copper(III) complexes of pyrrole-appended oxacarbaporphyrin. *Inorganic Chemistry*, **2007**, 46, 6575-84 5.1 73
- 253 Structural characterization of verdoheme analogs. Iron complexes of octaethylporphyrin. *Journal of the American Chemical Society*, **1993**, 115, 1422-1429 16.4 72
- 252 Isolation and characterization of an iron biliverdin-type complex that is formed along with verdohemochrome during the coupled oxidation of iron(II) octaethylporphyrin. *Journal of the American Chemical Society*, **1993**, 115, 9056-9061 16.4 72

251	EPR and <sup>2</sup> H NMR Studies on the Oxidation of Nickel(II) Tetraphenylcarbaporphyrin To Form Novel Organometallic Nickel(III) Complexes. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 840-845	5.1	70
250	Dioxygen insertion into iron(III)-carbon bonds. NMR studies of the formation and reactivity of alkylperoxo complexes of iron(III) porphyrins. <i>Journal of the American Chemical Society</i> , <b>1989</b> , 111, 4357-4363	16.4	69
249	Oxidation and oxygenation of iron complexes of 2-aza-21-carbaporphyrin. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 4420-31	16.4	68
248	Aromaticity Switching in Porphyrinoids. <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 1438-51	4.5	66
247	Oxidation of red ferryl [(FeIVO) <sup>2+</sup> ] porphyrin complexes to green ferryl [(FeIVO) <sup>2+</sup> ] porphyrin radical complexes. <i>Journal of the American Chemical Society</i> , <b>1985</b> , 107, 2983-2985	16.4	66
246	Phenanthriporphyrin: an antiaromatic aceneporphyrinoid as a ligand for a hypervalent organophosphorus(V) moiety. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 4932-6	16.4	62
245	Studies of the reduction of the nickel(II) complex of 5,10,15,20-tetraphenyl-21-thiaporphyrin to form corresponding nickel(I) complexes. <i>Inorganic Chemistry</i> , <b>1989</b> , 28, 3546-3552	5.1	62
244	Structure and Stability of 2-Aza-21-carbaporphyrin Tautomers Prearranged for Coordination. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 6287-6291	5.1	61
243	Pyrrole-appended derivatives of O-confused oxaporphyrins and their complexes with nickel(II), palladium(II), and silver(III). <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 4650-60	4.8	60
242	Single-boron complexes of N-confused and N-fused porphyrins. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 6950-7	5.1	58
241	Steric control in the synthesis of p-benziporphyrins. Formation of a doubly N-confused benzihexaphyrin macrocycle. <i>Organic Letters</i> , <b>2009</b> , 11, 3930-3	6.2	57
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239	Crystal and molecular structure of 21-thia-5,20-diphenyl-10,15-bis(p-nitrophenyl)-porphyrin and 21,23-dithiatetraphenylporphyrin. The influence of sulfur on the .pi.-delocalization pattern. <i>Journal of Organic Chemistry</i> , <b>1991</b> , 56, 4043-4045	4.2	57
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237	Carbaporphyrinoids Containing a Pyridine Moiety: 3-Aza-meta-benziporphyrin and 24-Thia-3-aza-meta-benziporphyrin. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 5039-5048	3.2	56
236	5,20-Diphenyl-10,15-bis(p-tolyl)-21-selenaporphyrin and Its Nickel(II) Complexes <sup>1</sup> . <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 566-573	5.1	56
235	Hückel and Möbius expanded para-benziporphyrins: synthesis and aromaticity switching. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 1985-97	4.8	54
234	22-hydroxybenzporphyrin: switching of antiaromaticity by phenol-keto tautomerization. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 2259-70	4.2	54

233	Subpyriporphyrin $\Delta$ [14]Triphyrin(1.1.1) Homologue with an Embedded Pyridine Moiety. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 3752-3756	3.6	54
232	Conformational Flexibility of 1,4-Naphthiporphyrin Promotes a Palladium-Mediated Contraction of Naphthalene to Isoindene. <i>Organometallics</i> , <b>2011</b> , 30, 4354-4363	3.8	53
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230	Iron and copper complexes of tetraphenyl-m-benziporphyrin: reactivity of the internal C-H bond. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 4118-20	5.1	51
229	<sup>1</sup> H NMR Investigations of Triphenylporphyrin Metal Complexes and Electronic Interactions in Iron(III) Complexes of meso-meso-Linked 5,5-Bis(10,15,20-triphenylporphyrin). <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 3040-3050	5.1	51
228	Palladium complexes of 21-thiaporphyrin: syntheses and characterization. <i>Inorganic Chemistry</i> , <b>1994</b> , 33, 192-197	5.1	50
227	Gold(III)-mediated contraction of benzene to cyclopentadiene: from p-benziporphyrin to gold(III) true tetraarylcarbaporphyrin. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 1376-82	4.8	49
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225	5,10,15-Triaryl-21,23-dioxacorrole and its isomer with a protruding furan ring. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 5644-53	4.2	49
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223	Protonation of 5,10,15,20-tetraphenylsapphyrin $\Delta$ Identification of inverted and planar dicationic forms. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1998</b> , 959-968		48
222	Dithiaethyneporphyrin: an atypical [18]triphyrin(4.1.1) frame for contracted porphyrins. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 5288-91	16.4	48
221	25,27-dithiasapphyrin and pyrrole-inverted isomer of 21,23-dithiaporphyrin from condensation of pyrrole and 2,5-bis(p-tolyhydroxymethyl)thiophene. <i>Organic Letters</i> , <b>2001</b> , 3, 1933-6	6.2	48
220	Oxygenation patterns for substituted meso-tetraphenylporphyrin complexes of iron(II). Spectroscopic detection of dioxygen complexes in the absence of amines. <i>Journal of the American Chemical Society</i> , <b>1982</b> , 104, 5992-6000	16.4	48
219	Low-Spin Iron(III) Chiroporphyrins: ( <sup>1</sup> H)NMR Studies of Cyanide and Substituted Imidazole Coordination. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 5761-5771	5.1	47
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217	A tetraphenylthiaporphyrin with an inverted thiophene ring. <i>Tetrahedron Letters</i> , <b>1999</b> , 40, 8457-8460	2	47
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