# Jacek WojaczyÅ„ski

List of Publications by Year
in descending order



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|---|---|---|---|
| 37 papers | 1,536 citations | 394421 19 h-index | 345221 36 g-index |
| 40 all docs | 40 docs citations | 40 times ranked | 1637 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Enantioselective Synthesis of Sulfoxides: 2000â˜’2009. Chemical Reviews, 2010, 110, 4303-4356. | 47.7 | 392 |
| 2 | Poly- and oligometalloporphyrins associated through coordination. Coordination Chemistry Reviews, 2000, 204, 113-171. | 18.8 | 250 |
| 3 | Modern Stereoselective Synthesis of Chiral Sulfinyl Compounds. Chemical Reviews, 2020, 120, 4578-4611. | 47.7 | 127 |
| 4 | An Integrated Approach to the Mid-Spin State (S = 3/2) in Six-Coordinate Iron(III) Chiroporphyrins. Inorganic Chemistry, 2000, 39, 3978-3987. | 4.0 | 57 |
| 5 | 1H NMR Investigations of Triphenylporphyrin Metal Complexes and Electronic Interactions in Iron(III) Complexes ofmesoâ˜’meso-Linked 5,5â€˜-Bis(10,15,20-triphenylporphyrin). Inorganic Chemistry, 1999, 38, 3040-3050. | 4.0 | 55 |
| 6 | Synthesis and Characterization of High-Spin Iron(III) 2-Hydroxy-5,10,15,20-tetraphenylporphyrin. The Unprecedented Example of the Cyclic Iron Porphyrin Trimer. Inorganic Chemistry, 1995, 34, 1044-1053. | 4.0 | 53 |
| 7 | Chiral Thioureasâ€”Preparation and Significance in Asymmetric Synthesis and Medicinal Chemistry. Molecules, 2020, 25, 401. | 3.8 | 50 |
| 8 | Synthesis and Characterization of Gallium(III) 2-Hydroxy-5,10,15,20-tetraphenylporphyrin. A Novel Example of a Cyclic Gallium(III) Porphyrin Trimer. Inorganic Chemistry, 1995, 34, 1054-1062. | 4.0 | 41 |
| 9 | Cyclic Metalloporphyrin Trimers:Â1H NMR Identification of Trimeric Heterometallic (Iron(III),) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf the Iron(III) 2-Hydroxy-5,10,15,20-tetra-p-tolylporphyrin Trimer1. Inorganic Chemistry, 1997, 36, 4548-4554. | 4.0 | 39 |
| 10 | Characterization of High-Spin and Low-Spin Iron(III) Quinoxalinotetraphenylporphyrin. Inorganic Chemistry, 1997, 36, 6299-6306. | 4.0 | 39 |
| 11 | Heme environment in HmuY, the heme-binding protein of Porphyromonas gingivalis. Biochemical and Biophysical Research Communications, 2009, 383, 178-182. | 2.1 | 38 |
| 12 | NMR Investigation of Î²-Substituted High-Spin and Low-Spin Iron(III) Tetraphenylporphyrins. Inorganic Chemistry, 1996, 35, 6861-6872. | 4.0 | 36 |
| 13 | 2-Azanorbornane â€“ a versatile chiral aza-Dielsâ€“Alder cycloadduct: preparation, applications in stereoselective synthesis and biological activity. Organic and Biomolecular Chemistry, 2015, 13, 6116-6148. | 2.8 | 36 |
| 14 | Monomeric and Trimeric Manganese(III) Complexes of 2-Hydroxy-5,10,15,20-tetraphenylporphyrin. Synthesis and Characterization. Inorganic Chemistry, 1996, 35, 4812-4818. | 4.0 | 35 |
| 15 | Verdoheme Reactivity. Remarkable Paramagnetically Shifted1H NMR Spectra of Intermediates from the Addition of Hydroxide or Methoxide with Felland FeIIIVerdohemes. Inorganic Chemistry, 2001, 40, 4971-4977. | 4.0 | 27 |
| 16 | High-Spin Iron(III) Tetramethylchiroporphyrins:Â Structural, Magnetic, and1H NMR Studiesâ€. Inorganic Chemistry, 1998, 37, 2476-2481. | 4.0 | 25 |
| 17 | Common Origin, Common Fate: Regular Porphyrin and N-Confused Porphyrin Yield an Identical Tetrapyrrolic Degradation Product. Journal of Organic Chemistry, 2011, 76, 9956-9961. | 3.2 | 23 |
| 18 | The Porphyromonas gingivalis HmuY haemophore binds gallium(iii), zinc(ii), cobalt(iii), manganese(iii), nickel(ii), and copper(ii) protoporphyrin IX but in a manner different to iron(iii) protoporphyrin IX. Metallomics, 2013, 5, 343. | 2.4 | 22 |

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|---|---|---|---|
| 19 | Dipyrrinâ€Bis(Nâ€Confused Porphyrin) Conjugate: Synthesis, Synergetic Ligation and Chirality Sensing. Chemistry - an Asian Journal, 2017, 12, 643-647. | 3.3 | 22 |
| 20 | Photooxidation of Nâ€Confused Porphyrin: A Route to Nâ€Confused Biliverdin Analogues. Chemistry - A European Journal, 2010, 16, 2679-2682. | 3.3 | 19 |
| 21 | Metallobiliverdin Radicals-DFT Studies. ChemPhysChem, 2003, 4, 691-698. | 2.1 | 18 |
| 22 | Iron(III) mesoporphyrin IX and iron(III) deuteroporphyrin IX bind to the Porphyromonas gingivalis HmuY hemophore. Biochemical and Biophysical Research Communications, 2011, 411, 299-304. | 2.1 | 18 |
| 23 | Monomeric and Dimeric Iron(III) Complexes of 5â€Hydroxyâ€10,15,20â€triphenylporphyrin: Formation of Cyano and Pyridine Complexes of (5â€Oxoâ€10,15,20â€triphenylphlorin)iron. European Journal of Inorganic Chemistry, 2002, 2002, 1806-1815. | 2.0 | 15 |
| 24 | Oxophlorin and Metallooxophlorin Radicalsâ€”DFT Studies. ChemPhysChem, 2002, 3, 575-583. | 2.1 | 14 |
| 25 | Zinc complexes formed by 2,2â€²-bipyridine and 1,10-phenanthroline moieties combined with 2-azanorbornane: modular chiral catalysts for aldol reactions. New Journal of Chemistry, 2016, 40, 9795-9805. | 2.8 | 14 |
| 26 | Photooxidation of unhindered triarylcorroles. Tetrahedron, 2013, 69, 10445-10449. | 1.9 | 13 |
| 27 | New chiral Mannich adducts of di-tert-butylphenols and a bicyclic imine â€“ Synthesis and antiproliferative activity. Tetrahedron, 2017, 73, 2276-2282. | 1.9 | 13 |
| 28 | Stereoselective preparation of chiral compounds in Mannich-type reactions of a bicyclic imine and phenols or indole. Tetrahedron Letters, 2014, 55, 6619-6622. | 1.4 | 11 |
| 29 | Novel routes for the modification of iron porphyrins. Coordination Chemistry Reviews, 1999, 190-192, 109-125. | 18.8 | 10 |
| 30 | Synthesis and Cytotoxic Activity of Chiral Sulfonamides Based on the 2-Azabicycloalkane Skeleton. Molecules, 2020, 25, 2355. | 3.8 | 9 |
| 31 | Synthesis and Applications of 1,2,3-Triazoles. Advances in Organic Synthesis, 2018, , 156-232. | 0.5 | 4 |
| 32 | Degradation Pathways for Porphyrinoids. Topics in Heterocyclic Chemistry, 2013, , 143-202. | 0.2 | 3 |
| 33 | Structure-based design, synthesis, and evaluation of the biological activity of novel phosphoroorganic small molecule IAP antagonists. Investigational New Drugs, 2020, 38, 1350-1364. | 2.6 | 3 |
| 34 | Application of sulfonyl chlorides and chiral amines in the efficient synthesis of nonracemic sulfinamides. Tetrahedron: Asymmetry, 2017, 28, 561-566. | 1.8 | 2 |
| 35 | An enantiopure diselenide based on a chiral bicyclic backboneâ€”synthesis and configuration assignment. Tetrahedron: Asymmetry, 2017, 28, 1367-1372. | 1.8 | 2 |
| 36 | Chiral pyrrolidine thioethers and 2-azanorbornane derivatives bearing additional nitrogen functions. Enantiopure ligands for palladium-catalyzed Tsuji-Trost reaction. Arkivoc, 2017, 2017, 162-172. | 0.5 | 1 |

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|---|---|---|---|
| 37 | A new mixed-valence Cu<sup>I</sup>/Cu<sup>II</sup> three-dimensional coordination polymer constructed with an N,O-donor ligand generated via solvothermal synthesis: structural features and magnetic properties. Acta Crystallographica Section C, Structural Chemistry, 2022, 78, 405-413. | 0.5 | 0 |