

Michel Meyer

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

1,847

citations

25

h-index

41

g-index

69

ext. papers

1,994

ext. citations

7.2

avg, IF

4.14

L-index

#	Paper	IF	Citations
63	Conformations and coordination schemes of carboxylate and carbamoyl derivatives of the tetraazamacrocycles cyclen and cyclam, and the relation to their protonation states. <i>Coordination Chemistry Reviews</i> , 1998 , 178-180, 1313-1405	23.2	194
62	Dinuclear Catecholate Helicates: Their Inversion Mechanism. <i>Journal of the American Chemical Society</i> , 1996 , 118, 7221-7222	16.4	127
61	Rearrangement Reactions in Dinuclear Triple Helicates ¹ . <i>Inorganic Chemistry</i> , 1997 , 36, 5179-5191	5.1	108
60	Biomimetic oxygen reduction by cofacial porphyrins at a liquid-liquid interface. <i>Journal of the American Chemical Society</i> , 2012 , 134, 5974-84	16.4	107
59	Enterobactin Protonation and Iron Release: Hexadentate Tris-Salicylate Ligands as Models for Triprotonated Ferric Enterobactin ¹ . <i>Journal of the American Chemical Society</i> , 1998 , 120, 6277-6286	16.4	76
58	Oxygen reduction catalyzed by a fluorinated tetraphenylporphyrin free base at liquid/liquid interfaces. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13733-41	16.4	75
57	Stacking-Induced Cooperativity in Copper(I) Complexes with Phenanthroline Ligands. <i>Inorganic Chemistry</i> , 1999 , 38, 2279-2287	5.1	64
56	Allosteric Effects in Polynuclear Triple-Stranded Ferric Complexes. <i>Journal of the American Chemical Society</i> , 1997 , 119, 4934-4944	16.4	62
55	High-Yield Synthesis of the Enterobactin Trilactone and Evaluation of Derivative Siderophore Analogs ¹ . <i>Journal of the American Chemical Society</i> , 1997 , 119, 10093-10103	16.4	61
54	Assessing the Quality of Dissolved Organic Matter in Forest Soils Using Ultraviolet Absorption Spectrophotometry. <i>Soil Science Society of America Journal</i> , 2007 , 71, 1851-1858	2.5	61
53	Dicopper(I) Trefoil Knots: Topological and Structural Effects on the Demetalation Rates and Mechanism. <i>Journal of the American Chemical Society</i> , 1997 , 119, 4599-4607	16.4	58
52	The ins and outs of proton complexation. <i>Chemical Society Reviews</i> , 2009 , 38, 1663-73	58.5	56
51	Linear molecular recognition: spectroscopic, photophysical, and complexation studies on .alpha.,.omega.-alkanediyl diammonium ions binding to a bisanthracenyl macrotricyclic receptor. <i>Journal of the American Chemical Society</i> , 1993 , 115, 3658-3664	16.4	53
50	(Strept)avidin as host for biotinylated coordination complexes: stability, chiral discrimination, and cooperativity. <i>Inorganic Chemistry</i> , 2006 , 45, 660-8	5.1	50
49	Gallium(III) Catecholate Complexes as Probes for the Kinetics and Mechanism of Inversion and Isomerization of Siderophore Complexes ¹ . <i>Journal of the American Chemical Society</i> , 1996 , 118, 5712-5721	16.4	45
48	A molecular approach to remove lead from drinking water. <i>Journal of Molecular Liquids</i> , 2005 , 118, 89-99		39
47	Colorimetric Hg ²⁺ sensing in water: from molecules toward low-cost solid devices. <i>Organic Letters</i> , 2013 , 15, 662-5	6.2	38

46	Factors affecting copper(II) binding to multiarmed cyclam-grafted mesoporous silica in aqueous solution. <i>Langmuir</i> , 2009 , 25, 9804-13	4	35
45	Synthesis, Structural, Spectroscopic, and Alkali-Metal Cations Complexation Studies of a Bis-Anthracenediyl Macrotricyclic Ditopic Receptor. <i>Journal of Organic Chemistry</i> , 1994 , 59, 5264-5271	4.2	33
44	Synthesis, characterization, and X-ray crystal structures of cyclam derivatives. 5. Copper(II) binding studies of a pyridine-strapped 5,12-dioxocyclam-based macrobicycle. <i>Inorganic Chemistry</i> , 2004 , 43, 5572-5577	5.1	32
43	Direct comparison of the in vitro and in vivo stability of DFO, DFO* and DFOcyclo* for Zr-immunoPET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 1966-1977	8.8	30
42	Voltammetric Detection of Lead(II) Using Amide-Cyclam- Functionalized Silica-Modified Carbon Paste Electrodes. <i>Electroanalysis</i> , 2009 , 21, 1731-1742	3	30
41	New Insights into the Complexation of Lead(II) by 1,4,7,10-Tetrakis(carbamoylmethyl)-1,4,7,10-tetraazacyclododecane (DOTAM): Structural, Thermodynamic, and Kinetic Studies. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 267-283	2.3	28
40	Synthesis, characterization, and x-ray crystal structures of cyclam derivatives. 8. Thermodynamic and kinetic appraisal of lead(II) chelation by octadentate carbamoyl-armed macrocycles. <i>Inorganic Chemistry</i> , 2005 , 44, 7895-910	5.1	26
39	Rational design of aminoanthraquinones for colorimetric detection of heavy metal ions in aqueous solution. <i>Dalton Transactions</i> , 2011 , 40, 10491-502	4.3	25
38	Chemical modification of porous calcium hydroxyapatite surfaces by grafting phenylphosphonic and phenylphosphite acids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006 , 289, 84-88	5.1	25
37	On the physicochemical properties of pyridohelicenes. <i>Chemistry - A European Journal</i> , 2014 , 20, 877-93	4.8	21
36	Synthesis, characterization and X-ray crystal structures of cyclam derivatives. Part IV. 1,4,8,11-Tetraazacyclotetradecane-5,12-dione and its diprotonated forms. <i>New Journal of Chemistry</i> , 2000 , 24, 959-966	3.6	19
35	Synthesis, characterization and X-ray crystal structures of cyclam derivatives. Part VI. Proton binding studies of a pyridine-strapped 5,12-dioxocyclam based macrobicycle. <i>New Journal of Chemistry</i> , 2005 , 29, 99-108	3.6	18
34	Synthesis and Structural Study of Tetravalent (Zr ⁴⁺ , Hf ⁴⁺ , Ce ⁴⁺ , Th ⁴⁺ , U ⁴⁺) Metal Complexes with Cyclic Hydroxamic Acids. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1529-1541	2.3	17
33	Capillary electrophoresis-inductively coupled plasma-mass spectrometry hyphenation for the determination at the nanogram scale of metal affinities and binding constants of phosphorylated ligands. <i>Journal of Chromatography A</i> , 2012 , 1229, 280-7	4.5	17
32	Dual emission of a bis(pyrene)-functionalized, perbenzylated β -cyclodextrin. <i>New Journal of Chemistry</i> , 2008 , 32, 1536	3.6	16
31	Some Factors Affecting the Removal of Lead(II) Ions from Aqueous Solution by Porous Calcium Hydroxyapatite: Relationships between Surface and Adsorption Properties. <i>Adsorption Science and Technology</i> , 2006 , 24, 507-516	3.6	16
30	Thermodynamic studies of actinide complexes. 1. A reappraisal of the solution equilibria between plutonium(IV) and ethylenediaminetetraacetic acid (EDTAH ₄) in nitric media. <i>Comptes Rendus Chimie</i> , 2007 , 10, 929-947	2.7	15
29	Azide Binding Controlled by Steric Interactions in Second Sphere. Synthesis, Crystal Structure, and Magnetic Properties of [Ni(II) ₂ (L)(μ -1,1-N ₃)](ClO ₄) (L = Macrocyclic N ₆ S ₂ Ligand). <i>Inorganic Chemistry</i> , 2016 , 55, 1843-53	5.1	14

28	Interfacial self-assembly of water-soluble cationic porphyrins for the reduction of oxygen to water. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6447-51	16.4	14
27	Minor changes in the macrocyclic ligands but major consequences on the efficiency of gold nanoparticles designed for radiosensitization. <i>Nanoscale</i> , 2016 , 8, 12054-65	7.7	12
26	Hydrogen-Bonded Open-Framework with Pyridyl-Decorated Channels: Straightforward Preparation and Insight into Its Affinity for Acidic Molecules in Solution. <i>Chemistry - A European Journal</i> , 2017 , 23, 11818-11826	4.8	10
25	A Comparative IRMPD and DFT Study of Fe and UO Complexation with N-Methylacetohydroxamic Acid. <i>Inorganic Chemistry</i> , 2018 , 57, 1125-1135	5.1	10
24	Cavitands incorporating a Lewis acid dinickel chelate function as receptors for halide anions. <i>Inorganic Chemistry</i> , 2015 , 54, 3937-50	5.1	9
23	Identification of hexanuclear Actinide(IV) carboxylates with Thorium, Uranium and Neptunium by EXAFS spectroscopy. <i>Journal of Physics: Conference Series</i> , 2013 , 430, 012116	0.3	8
22	[(1,4,8,11-Tetraazacyclotetradeca-1,4,8,11-tetrayl)tetraacetamide-kappa6N1,N4,N8,N11,O1,O8]copper(II) sulfate 4.5-hydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002 , 58, m119-21		8
21	Towards sensory Langmuir monolayers consisting of macrocyclic pentaaminoanthraquinone. <i>New Journal of Chemistry</i> , 2014 , 38, 317-329	3.6	7
20	A quantum chemistry evaluation of the stereochemical activity of the lone pair in Pb complexes with sequestering ligands. <i>Journal of Molecular Modeling</i> , 2017 , 23, 24	2	6
19	Conformational and structural studies of N-methylacetohydroxamic acid and of its mono- and bis-chelated uranium(VI) complexes. <i>Journal of Inorganic Biochemistry</i> , 2015 , 151, 164-75	4.2	6
18	Functionalization of Bambusurils by a Thiol-Ene Click Reaction and a Facile Method for the Preparation of Anion-Free Bambus[6]urils. <i>Chemistry - A European Journal</i> , 2018 , 24, 10793-10801	4.8	6
17	A 4-tert-butylcalix[4]arene tetrahydroxamate podand based on the 1-oxypiperidine-2-one (1,2-PIPO) chelate. Self-assembly into a supramolecular ionophore driven by coordination of tetravalent zirconium or hafnium(IV). <i>RSC Advances</i> , 2014 , 4, 22743-22754	3.7	6
16	Design and evaluation of sensory systems based on amphiphilic anthraquinones molecular receptors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 483, 193-203	5.1	6
15	Interaction of iron(II)-heme and artemisinin with a peptide mimic of Plasmodium falciparum HRP-II. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 1739-47	4.2	6
14	The Chemo- and Stereoselective Formation of Pallado- and Platinocryptophanes. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2691-2706	2.3	5
13	Effects of preorganization in the chelation of UO ₂ ²⁺ by hydroxamate ligands: cyclic PIPOs. linear NMA. <i>New Journal of Chemistry</i> , 2018 , 42, 7765-7779	3.6	5
12	A metal-responsive interdigitated bilayer for selective quantification of mercury(II) traces by surface plasmon resonance. <i>Analyst</i> , 2016 , 141, 1912-7	5	5
11	Synthesis, characterization and X-ray crystal structures of cyclam derivatives. 7. Hydrogen-bond induced allosteric effects and protonation cooperativity in a macrotricyclic bisdioxocyclam receptor. <i>New Journal of Chemistry</i> , 2005 , 29, 1121	3.6	5

10	Interfacial Self-Assembly of Water-Soluble Cationic Porphyrins for the Reduction of Oxygen to Water. <i>Angewandte Chemie</i> , 2012 , 124, 6553-6557	3.6	4
9	Reduction of ferricytochrome c catalyzed by optically active chromium(III) complexes. <i>Inorganic Chemistry</i> , 2009 , 48, 10942-53	5.1	4
8	Platinum(ii) and palladium(ii) complexes with electron-deficient meso-diethoxyphosphorylporphyrins: synthesis, structure and tuning of photophysical properties by varying peripheral substituents. <i>Dalton Transactions</i> , 2019 , 48, 8882-8898	4.3	3
7	Efficiency of dihydroxamic and trihydroxamic siderochelates to extract uranium and plutonium from contaminated soils. <i>Journal of Environmental Radioactivity</i> , 2021 , 235-236, 106645	2.4	3
6	Real-Time Observation of "Soft" Magic-Size Clusters during Hydrolysis of the Model Metallodrug Bismuth Disalicylate. <i>Journal of the American Chemical Society</i> , 2021 , 143, 16332-16336	16.4	3
5	Assignment of complex species by affinity capillary electrophoresis: The case of Th(IV)-desferrioxamine B. <i>Electrophoresis</i> , 2020 , 41, 1870-1877	3.6	2
4	A solution- and gas-phase study of uranyl hydroxamate complexes. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018 , 318, 259-266	1.5	1
3	Ruthenium(II) Complexes with (3-Polyamino)phenanthrolines: Synthesis and Application in Sensing of Cu(II) Ions. <i>Chemosensors</i> , 2022 , 10, 79	4	1
2	Supramolecular Assembly of Planar Systems from Modular Molecules with a Given Hydrophilic/Lipophilic Balance: Film Sensors with an Anthraquinone Signal Group. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2018 , 54, 6-18	0.9	0
1	Additional information on "Direct comparison of the in vitro and in vivo stability of DFO, DFO* and DFOcyclo* for Zr-immunoPET". <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 505-506	8.8	0