

Michel Meyer

List of Publications by Year in Descending Order

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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 | Ruthenium(II) Complexes with (3-Polyamino)phenanthrolines: Synthesis and Application in Sensing of Cu(II) Ions. <i>Chemosensors</i> , 2022 , 10, 79 | 4 | 1 |
| 62 | 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 |
| 61 | 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 |
| 60 | 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 |
| 59 | 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 |
| 58 | The Chemo- and Stereoselective Formation of Pallado- and Platinocryptophanes. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2691-2706 | 2.3 | 5 |
| 57 | 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 |
| 56 | 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 |
| 55 | 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 |
| 54 | 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 |
| 53 | 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 |
| 52 | 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 |
| 51 | 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 |
| 50 | 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 |
| 49 | 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 |
| 48 | 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 |
| 47 | A metal-responsive interdigitated bilayer for selective quantification of mercury(ii) traces by surface plasmon resonance. <i>Analyst, The</i> , 2016 , 141, 1912-7 | 5 | 5 |

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| 46 | Azide Binding Controlled by Steric Interactions in Second Sphere. Synthesis, Crystal Structure, and Magnetic Properties of $[\text{Ni}(\text{II})_2(\text{L})(\text{N}_3)][\text{ClO}_4]$ (L = Macrocyclic N ₆ S ₂ Ligand). <i>Inorganic Chemistry</i> , 2016 , 55, 1843-53 | 5.1 | 14 |
| 45 | Cavitands incorporating a Lewis acid dinickel chelate function as receptors for halide anions. <i>Inorganic Chemistry</i> , 2015 , 54, 3937-50 | 5.1 | 9 |
| 44 | 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 |
| 43 | 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 |
| 42 | 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 |
| 41 | On the physicochemical properties of pyridohelicenes. <i>Chemistry - A European Journal</i> , 2014 , 20, 877-93 | 4.8 | 21 |
| 40 | Towards sensory Langmuir monolayers consisting of macrocyclic pentaaminoanthraquinone. <i>New Journal of Chemistry</i> , 2014 , 38, 317-329 | 3.6 | 7 |
| 39 | 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 |
| 38 | Colorimetric Hg ²⁺ sensing in water: from molecules toward low-cost solid devices. <i>Organic Letters</i> , 2013 , 15, 662-5 | 6.2 | 38 |
| 37 | 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | 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 |
| 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 | 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 |
| 31 | 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 |
| 30 | Voltammetric Detection of Lead(II) Using Amide-Cyclam- Functionalized Silica-Modified Carbon Paste Electrodes. <i>Electroanalysis</i> , 2009 , 21, 1731-1742 | 3 | 30 |
| 29 | Factors affecting copper(II) binding to multiarmed cyclam-grafted mesoporous silica in aqueous solution. <i>Langmuir</i> , 2009 , 25, 9804-13 | 4 | 35 |

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| 28 | Reduction of ferricytochrome c catalyzed by optically active chromium(III) complexes. <i>Inorganic Chemistry</i> , 2009 , 48, 10942-53 | 5.1 | 4 |
| 27 | The ins and outs of proton complexation. <i>Chemical Society Reviews</i> , 2009 , 38, 1663-73 | 58.5 | 56 |
| 26 | Dual emission of a bis(pyrene)-functionalized, perbenzylated β -cyclodextrin. <i>New Journal of Chemistry</i> , 2008 , 32, 1536 | 3.6 | 16 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | (Strept)avidin as host for biotinylated coordination complexes: stability, chiral discrimination, and cooperativity. <i>Inorganic Chemistry</i> , 2006 , 45, 660-8 | 5.1 | 50 |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | A molecular approach to remove lead from drinking water. <i>Journal of Molecular Liquids</i> , 2005 , 118, 89-99 | 6 | 39 |
| 14 | 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, 5572-87 | 5.1 | 32 |
| 13 | [(1,4,8,11-Tetraazacyclotetradeca-1,4,8,11-tetrayl)tetraacetamide-kappa ⁶ N1,N4,N8,N11,O1,O8]copper(II) sulfate 4.5-hydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002 , 58, m119-21 | 5.1 | 8 |
| 12 | 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 |
| 11 | Stacking-Induced Cooperativity in Copper(I) Complexes with Phenanthroline Ligands. <i>Inorganic Chemistry</i> , 1999 , 38, 2279-2287 | 5.1 | 64 |

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|----|--|------|-----|
| 10 | 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 |
| 9 | 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 |
| 8 | Rearrangement Reactions in Dinuclear Triple Helicates ¹ . <i>Inorganic Chemistry</i> , 1997 , 36, 5179-5191 | 5.1 | 108 |
| 7 | 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 |
| 6 | Allosteric Effects in Polynuclear Triple-Stranded Ferric Complexes. <i>Journal of the American Chemical Society</i> , 1997 , 119, 4934-4944 | 16.4 | 62 |
| 5 | 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 |
| 4 | 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 |
| 3 | Dinuclear Catecholate Helicates: Their Inversion Mechanism. <i>Journal of the American Chemical Society</i> , 1996 , 118, 7221-7222 | 16.4 | 127 |
| 2 | 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 |
| 1 | Linear molecular recognition: spectroscopic, photophysical, and complexation studies on α,ω -alkanediylammonium ions binding to a bisanthracenyl macrotricyclic receptor. <i>Journal of the American Chemical Society</i> , 1993 , 115, 3658-3664 | 16.4 | 53 |