

# Silvano Geremia

## List of Publications by Year in descending order

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209  
papers

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66343

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Polyoxometalate Embedding of a Tetraruthenium(IV)-oxo-core by Template-Directed Metalation of $[\text{SiW}_{10}\text{O}_{36}]^{8-}$ : A Totally Inorganic Oxygen-Evolving Catalyst. <i>Journal of the American Chemical Society</i> , 2008, 130, 5006-5007.	13.7	571
2	Tyrosinase Models. Synthesis, Structure, Catechol Oxidase Activity, and Phenol Monooxygenase Activity of a Dinuclear Copper Complex Derived from a Triamino Pentabenzimidazole Ligand. <i>Inorganic Chemistry</i> , 1998, 37, 553-562.	4.0	288
3	Retrostructural analysis of metalloproteins: Application to the design of a minimal model for diiron proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 6298-6305.	7.1	222
4	Bis-Chelated Palladium(II) Complexes with Nitrogen-Donor Chelating Ligands Are Efficient Catalyst Precursors for the CO/Styrene Copolymerization Reaction. <i>Organometallics</i> , 1997, 16, 5064-5075.	2.3	209
5	Relationship between the Zirconia-Promoted Reduction in the Rh-Loaded Ce <sub>0.5</sub> Zr <sub>0.5</sub> O <sub>2</sub> Mixed Oxide and the Zr-O Local Structure. <i>Journal of Catalysis</i> , 1997, 168, 386-392.	6.2	192
6	Structural basis for mammalian vitamin B12 transport by transcobalamin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4386-4391.	7.1	169
7	Guest Encapsulation in a Water-Soluble Molecular Capsule Based on Ionic Interactions. <i>Journal of the American Chemical Society</i> , 2003, 125, 9946-9947.	13.7	145
8	Cavitand-Based Nanoscale Coordination Cages. <i>Journal of the American Chemical Society</i> , 2004, 126, 6516-6517.	13.7	143
9	Mechanistic, Structural, and Spectroscopic Studies on the Catecholase Activity of a Dinuclear Copper Complex by Dioxygen. <i>Inorganic Chemistry</i> , 1999, 38, 5359-5369.	4.0	142
10	Similarities and Differences between Cobalamins and Cobaloximes. Accurate Structural Determination of Methylcobalamin and of LiCl- and KCl-Containing Cyanocobalamins by Synchrotron Radiation. <i>Inorganic Chemistry</i> , 2000, 39, 3403-3413.	4.0	134
11	Vitamin B12: Unique Metalorganic Compounds and the Most Complex Vitamins. <i>Molecules</i> , 2010, 15, 3228-3259.	3.8	132
12	Host-Guest Driven Self-Assembly of Linear and Star Supramolecular Polymers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4504-4508.	13.8	115
13	Prismarenes: A New Class of Macrocyclic Hosts Obtained by Templatation in a Thermodynamically Controlled Synthesis. <i>Journal of the American Chemical Society</i> , 2020, 142, 1752-1756.	13.7	112
14	X-ray structural chemistry of cobalamins. <i>Coordination Chemistry Reviews</i> , 2006, 250, 1332-1350.	18.8	103
15	Toward the de Novo Design of a Catalytically Active Helix Bundle: A Substrate-Accessible Carboxylate-Bridged Dinuclear Metal Center. <i>Journal of the American Chemical Society</i> , 2001, 123, 12749-12757.	13.7	100
16	Phosphorylase recognition and phosphorolysis of its oligosaccharide substrate: answers to a long outstanding question. <i>EMBO Journal</i> , 1999, 18, 4619-4632.	7.8	96
17	A Molecule-Based Nanoporous Material Showing Tuneable Spin-Crossover Behavior near Room Temperature. <i>Advanced Materials</i> , 2007, 19, 1397-1402.	21.0	83
18	Dynamic Materials through Metal-Directed and Solvent-Driven Self-Assembly of Cavitands. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1384-1387.	13.8	81

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19	Novel Ruthenium Building Blocks for the Efficient Modular Construction of Heterobimetallic Molecular Squares of Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1096-1099.	13.8	79
20	Calixareneâ€“Porphyrin Supramolecular Complexes: pHâ€“Tuning of the Complex Stoichiometry. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4245-4247.	13.8	78
21	Enantioselective hydrogen transfer reactions from propan-2-ol to ketones catalyzed by pentacoordinate iridium(I) complexes with chiral Schiff bases. <i>Journal of Organometallic Chemistry</i> , 1989, 370, 187-202.	1.8	73
22	HCV-NS3 and IgG-Fc crossreactive IgM in patients with type II mixed cryoglobulinemia and B-cell clonal proliferations. <i>Leukemia</i> , 2006, 20, 1145-1154.	7.2	72
23	Carbonyl Derivatives of Chloride-Dimethyl Sulfoxide-Ruthenium(II) Complexes: Synthesis, Structural Characterization, and Reactivity of Ru(CO) <sub>x</sub> (DMSO) <sub>4-x</sub> Cl <sub>2</sub> Complexes (x = 1-3). <i>Inorganic Chemistry</i> , 1995, 34, 4722-4734.	4.0	71
24	The Intricate Structural Chemistry of M <sup>II</sup> <sub>2</sub> L <sub>n</sub> -Type Assemblies. <i>Journal of the American Chemical Society</i> , 2017, 139, 8371-8381.	13.7	69
25	Heterochirality and Halogenation Control Phe-Phe Hierarchical Assembly. <i>ACS Nano</i> , 2020, 14, 16951-16961.	14.6	67
26	Rhodium(III) analogues of antitumour-active ruthenium(III) compounds: The crystal structure of [ImH][trans-RhCl <sub>4</sub> (Im) <sub>2</sub> ] (Im=imidazole). <i>Inorganica Chimica Acta</i> , 1998, 273, 62-71.	2.4	62
27	Simulation of Diffusion Time of Small Molecules in Protein Crystals. <i>Structure</i> , 2006, 14, 393-400.	3.3	62
28	Nanoporous Crystals of Calixarene/Porphyrin Supramolecular Complex Functionalized by Diffusion and Coordination of Metal Ions. <i>Journal of the American Chemical Society</i> , 2009, 131, 2487-2489.	13.7	62
29	The Origin of Selectivity in the Complexation of <i>N</i> -Methyl Amino Acids by Tetraphosphonate Cavitands. <i>Journal of the American Chemical Society</i> , 2016, 138, 8569-8580.	13.7	60
30	Analysis and Design of Turns in $\alpha$ -Helical Hairpins. <i>Journal of Molecular Biology</i> , 2005, 346, 1441-1454.	4.2	59
31	Highly Selective Chemical Vapor Sensing by Molecular Recognition: Specific Detection of C <sub>1</sub> -C <sub>4</sub> Alcohols with a Fluorescent Phosphonate Cavitand. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4654-4657.	13.8	54
32	Noncovalent Synthesis in Aqueous Solution and Spectroscopic Characterization of Multi-Porphyrin Complexes. <i>Chemistry - A European Journal</i> , 2006, 12, 2722-2729.	3.3	53
33	Sliding Helix and Change of Coordination Geometry in a Model Di-MnII Protein. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 417-420.	13.8	52
34	Evidence of the interaction between steric and electronic influence in rhodoximes and cobaloximes. Synthesis of pyRh(DH) <sub>2</sub> I and X-ray structure of pyRh(DH) <sub>2</sub> Cl, pyCo(DH) <sub>2</sub> Cl and pyRh(DH) <sub>2</sub> I. <i>Inorganica Chimica Acta</i> , 1994, 216, 125-129.	2.4	49
35	Response of a Designed Metalloprotein to Changes in Metal Ion Coordination, Exogenous Ligands, and Active Site Volume Determined by X-ray Crystallography. <i>Journal of the American Chemical Society</i> , 2005, 127, 17266-17276.	13.7	49
36	Photoinduced structural modifications in multicomponent architectures containing azobenzene moieties as photoswitchable cores. <i>Journal of Materials Chemistry</i> , 2009, 19, 4715.	6.7	47

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37	Enzymatic Catalysis in Crystals of Escherichia coli Maltodextrin Phosphorylase. <i>Journal of Molecular Biology</i> , 2002, 322, 413-423.	4.2	46
38	Quantitative rationalization of solution and solid state properties in cobaloximes, RCo(DH)2L, as a function of the electronic and steric properties of R. <i>Inorganic Chemistry</i> , 1994, 33, 4641-4650.	4.0	45
39	A new soluble and bioactive polymorph of praziquantel. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 127, 19-28.	4.3	45
40	Host-Guest Driven Copolymerization of Tetraphosphonate Cavitands. <i>Chemistry - A European Journal</i> , 2010, 16, 14313-14321.	3.3	44
41	Solvent Polarity Controls the Helical Conformation of Short Peptides Rich in $\alpha$ -Tetrasubstituted Amino Acids. <i>Chemistry - A European Journal</i> , 2007, 13, 407-416.	3.3	43
42	Porphyrin "Flying-Saucers" Solid State and Solution Structure of a Novel Pentameric Array of Axially-Ligated Canted Porphyrins. <i>Inorganic Chemistry</i> , 1999, 38, 2527-2529.	4.0	42
43	Crystal Chemistry of Cobalamins. Structural Characterization of the Co-S Bond in Cobalamins. <i>Inorganic Chemistry</i> , 1999, 38, 4087-4092.	4.0	42
44	Polyoxomolybdate-Calix[4]arene Hybrid: A Catalyst for Sulfoxidation Reactions with Hydrogen Peroxide. <i>Organic Letters</i> , 2015, 17, 5100-5103.	4.6	42
45	Triptycene-Roofed Quinoxaline Cavitands for the Supramolecular Detection of BTEX in Air. <i>Chemistry - A European Journal</i> , 2016, 22, 3312-3319.	3.3	42
46	Structural study on ligand specificity of human vitamin B12 transporters. <i>Biochemical Journal</i> , 2007, 403, 431-440.	3.7	42
47	Crystallographic Study of Manganese(III) Acetylacetonate: An Advanced Undergraduate Project with Unexpected Challenges. <i>Journal of Chemical Education</i> , 2005, 82, 460.	2.3	41
48	Inclusion of methano[60]fullerene derivatives in cavitand-based coordination cages. <i>Tetrahedron</i> , 2006, 62, 2008-2015.	1.9	41
49	Syntheses, rate constants, and x-ray structures of alkylrhodoximes with $\sigma$ -donating alkyl groups methyl, ethyl isopropyl. A comparison with the analogous alkylcobaloximes, a vitamin B12 model. <i>Inorganic Chemistry</i> , 1990, 29, 3437-3441.	4.0	39
50	Solution and Solid State Structure of a Canted, Side-to-Face, Bis(porphyrin) Adduct. <i>Inorganic Chemistry</i> , 1999, 38, 869-875.	4.0	39
51	Carbonyl Derivatives of Chloride-Dimethyl Sulfoxide-Ruthenium(III) Complexes: Synthesis, Crystal Structure, and Reactivity of [(DMSO)2H][trans-RuCl4(DMSO-O)(CO)] and mer,cis-RuCl3(DMSO-O)2(CO). <i>Inorganic Chemistry</i> , 1995, 34, 4716-4721.	4.0	38
52	Diastereomerically pure pyrrolidin-2-ones by intramolecular Michael reaction. Synthesis of both (S)- and (R)-3-pyrrolidineacetic acid. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 79-88.	1.8	38
53	Crystallography of vitamin B12 proteins. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1198-1215.	1.8	38
54	Comparison between alkylrhodoximes and alkylcobaloximes. Solution studies of some alkylrhodoximes, pyRh(DH)2R, and crystal structure of the complexes with $R^i \rightarrow CH_2CF_3$ , $CH_2Cl$ , n-Pr. <i>Inorganica Chimica Acta</i> , 1992, 194, 1-8.	2.4	37

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55	A zinc-rich CHA-type aluminophosphate. <i>Zeolites</i> , 1995, 15, 708-713.	0.5	37
56	Miniaturized heme proteins: crystal structure of Co(III)-mimochrome IV. <i>Journal of Biological Inorganic Chemistry</i> , 2004, 9, 1017-1027.	2.6	37
57	Preparation and X-ray Analysis of Crystals of Azido- and Chlorocobalamin Containing LiCl: A Structural Model for the Interactions of the Corrin Ring with Ionic Species. <i>Inorganic Chemistry</i> , 1998, 37, 5390-5393.	4.0	36
58	Novel ruthenium(III) dimers $\text{Na}_2[\{\text{trans-RuCl}_4(\text{Me}_2\text{SO-S}\ddot{\text{S}})\}_2(\mu_4\text{-L})]$ and $[\{\text{mer,cis-RuCl}_3(\text{Me}_2\text{SO-S}\ddot{\text{S}})(\text{Me}_2\text{SO-O})\}_2(\mu_4\text{-L})]$ (L=...=...bridging heterocyclic N-donor ligand) closely related to the antitumorigenic complex $\text{Na}[\text{trans-RuCl}_4(\text{Me}_2\text{SO-S}\ddot{\text{S}})(\text{Him})]$ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3361-3371.	1.1	36
59	Electronic Properties of the Axial Co~C and Co~S Bonds in B12 Systems ~ A Density Functional Study. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 93-103.	2.0	36
60	Crystal chemistry and binding of NO <sub>2</sub> , SCN and SeCN to Co in cobalamins. <i>Acta Crystallographica Section B: Structural Science</i> , 2003, 59, 51-59.	1.8	35
61	New organo-cobalt complexes derived from cobaloximes with one or two diphenylboron moieties in the oxime bridges. <i>Journal of Organometallic Chemistry</i> , 1995, 505, 135-138.	1.8	33
62	Design and Self-Assembly of Ditopic and Tetratopic Cavitand Complexes. <i>Chemistry - A European Journal</i> , 2005, 11, 3136-3148.	3.3	33
63	Release of Toxic Gd <sup>3+</sup> Ions to Tumour Cells by Vitamin B <sub>12</sub> Bioconjugates. <i>Chemistry - A European Journal</i> , 2009, 15, 7980-7989.	3.3	33
64	Ruthenium Carbenes Bonded to a Macrocycle: Carbon Monoxide Induced Carbene Migration Pathways from the Metal to the Ligand. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 148-150.	13.8	32
65	Identification and Characterization of CDH1 Germline Variants in Sporadic Gastric Cancer Patients and in Individuals at Risk of Gastric Cancer. <i>PLoS ONE</i> , 2013, 8, e77035.	2.5	32
66	Large heterometallic coordination cages with gyrobifastigium-like geometry. <i>Chemical Communications</i> , 2016, 52, 11243-11246.	4.1	32
67	Supramolecular hydrogels from unprotected dipeptides: a comparative study on stereoisomers and structural isomers. <i>Soft Matter</i> , 2020, 16, 10151-10157.	2.7	32
68	Synthesis, Crystal Structure, and Biological Activity of a Multidentate Calix[4]arene Ligand Doubly Functionalized by 2-Hydroxybenzylidene-Thiosemicarbazone. <i>Molecules</i> , 2020, 25, 370.	3.8	31
69	Selective Amine Recognition Driven by Host~Guest Proton Transfer and Salt Bridge Formation. <i>Journal of Organic Chemistry</i> , 2012, 77, 9668-9675.	3.2	30
70	Diphenylborylated derivatives of organocobaloximes and organorhodoximes: Synthesis, spectroscopic and structural characterisation. <i>Journal of Organometallic Chemistry</i> , 1997, 548, 211-221.	1.8	29
71	Mono- and dinuclear uranyl(VI) complexes with chiral Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2013, 396, 25-29.	2.4	29
72	Two-Point Self-Coordination of a Dizinc(II) Bispyridylporphyrin Ruthenium Complex Leading Selectively to a Discrete Molecular Assembly: Solution and Solid-State Characterization. <i>Chemistry - A European Journal</i> , 2002, 8, 4670-4674.	3.3	28

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73	Vitamin B12 Transport Proteins: Crystallographic Analysis of $\hat{\nu}$ axial Ligand Substitutions in Cobalamin Bound to Transcobalamin. <i>IUBMB Life</i> , 2007, 59, 722-729.	3.4	28
74	Further evidence for quantitation of relationships among structure, NMR spectra and kinetics in B12 models containing planar N-donor ligands. Synthesis and structural characterization of 1,2-dimethylimidazole-alkylcobaloximes with alkyl = CCl <sub>2</sub> CN, CH <sub>2</sub> CN, Me, and iso-Pr. <i>Inorganic Chemistry</i> , 1990, 29, 1043-1049.	4.0	27
75	Dalton communications. Bowâ€step and twist conformations and stacking interactions in palladium bipyridine and phenanthroline complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2117-2118.	1.1	27
76	Cyclisation of (R)- and (S)-N-allyl-N-(1-phenylethyl) methoxycarbonylacetamide mediated by Mn(III): Preparation and structural assignment of 3-aza-2-oxobicyclo[3.1.0]hexanes. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 3573-3584.	1.8	27
77	Synthesis, photophysical, electrochemical, and electrochemiluminescent properties of 5,15-bis(9-anthracenyl)porphyrin derivatives. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2402.	2.8	27
78	Calix[5]crown-3-based heteroditopic receptors for n-butylammonium halides. <i>Tetrahedron</i> , 2010, 66, 4987-4993.	1.9	27
79	An intramolecularly self-templated synthesis of macrocycles: self-filling effects on the formation of prismarenes. <i>Chemical Science</i> , 2021, 12, 9952-9961.	7.4	27
80	Structure of a 4:1:4 Supramolecular Assembly of Neutral TiiiiPO Cavitands and Tetrakis(N-methylpyridinium)porphyrin Iodide. <i>Journal of Organic Chemistry</i> , 2007, 72, 4528-4531.	3.2	26
81	Design of a Thiosemicarbazide-Functionalized Calix[4]arene Ligand and Related Transition Metal Complexes: Synthesis, Characterization, and Biological Studies. <i>Frontiers in Chemistry</i> , 2019, 7, 663.	3.6	26
82	Cleavage of the iron-methionine bond in c-type cytochromes: Crystal structure of oxidized and reduced cytochrome c2 from <i>Rhodospseudomonas palustris</i> and its ammonia complex. <i>Protein Science</i> , 2002, 11, 6-17.	7.6	26
83	New Multicomponent Porous Architecture of Self-Assembled Porphyrins/Calixarenes Driven by Nickel Ions. <i>Crystal Growth and Design</i> , 2012, 12, 5111-5117.	3.0	25
84	Probing the Inner Space of Salt-Bridged Calix[5]arene Capsules. <i>Organic Letters</i> , 2014, 16, 2354-2357.	4.6	25
85	Synthesis and structure of borylated organocobaloximes containing neutral nitrile ligands. <i>Inorganica Chimica Acta</i> , 1998, 272, 74-79.	2.4	24
86	Orientation and Restricted Rotation of Lopsided N-Donor Heterocyclic Bioligands in Octahedral Ruthenium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 2207-2219.	2.0	24
87	Factors driving the self-assembly of water-soluble calix[4]arene and gemini guests: a combined solution, computational and solid-state study. <i>RSC Advances</i> , 2014, 4, 53575-53587.	3.6	24
88	A Simple Tetraminocalix[4]arene as a Highly Efficient Catalyst under â€œOnâ€Waterâ€Conditions through Hydrophobic Amplification of Weak Hydrogen Bonds. <i>Chemistry - A European Journal</i> , 2017, 23, 7142-7151.	3.3	24
89	XANES study of Ti and Fe substituted silicalites in presence and in absence of NH <sub>3</sub> and comparison with UV-vis, IR and Raman spectra. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1995, 97, 23-27.	1.4	23
90	Stereoselective reduction of chiral trans-3-acetyl-4-alkylpyrrolidin-2-ones. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 587-605.	1.8	23

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91	Selective recognition of biogenic amine hydrochlorides by heteroditopic dihomooxalix[4]arenes. <i>New Journal of Chemistry</i> , 2015, 39, 817-821.	2.8	22
92	Synthesis and crystal structure of new Ru(III)-sulfoxide complexes containing a planar N-ligand: mer,cis-RuCl <sub>3</sub> (1Me-Im) <sub>2</sub> (S-DMSO) and [4Et-PyH][trans-RuCl <sub>4</sub> (4Et-Py)(S-DMSO)]. <i>Inorganica Chimica Acta</i> , 1996, 253, 87-90.	2.4	21
93	Ruthenium <sup>II</sup> Carbene Functionality Bonded to Dibenzotetramethyltetraaza[14]annulene: A Metal-to-Macrocycle Ligand-Induced Carbene Migration. <i>Organometallics</i> , 1999, 18, 360-372.	2.3	21
94	Synthesis and anion binding properties of new dihomooxalix[4]arene diurea and dithiourea receptors. <i>Tetrahedron</i> , 2014, 70, 6497-6505.	1.9	21
95	A Molecular Mechanics Force Field for Alkylcobaloximes, a Model of Vitamin B12 Coenzyme "C Implications of Steric and Electronic Factors in the Co-C Bond Cleavage. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 981-992.	2.0	20
96	Unusual pathways for the reaction between [MCl <sub>2</sub> (Me <sub>2</sub> SO) <sub>4</sub> ] (M = Os, Ru) and hydrazine dihydrochloride: deoxygenation of sulfoxides vs. coordination of hydrazinium. <i>Dalton Transactions RSC</i> , 2000, , 1363-1371.	2.3	20
97	Novel chiral (salen)Mn(III) complexes containing a calix[4]arene unit in 1,3-alternate conformation as catalysts for enantioselective epoxidation reactions of (Z)-aryl alkenes. <i>Dalton Transactions</i> , 2014, 43, 2183-2193.	3.3	20
98	Interactions of a water-soluble calix[4]arene with spermine: solution and solid-state characterisation. <i>Supramolecular Chemistry</i> , 2016, 28, 499-505.	1.2	20
99	The first example of a double bridged diruthenium(II) complex containing the rare bridging S,O bidentate dimethyl sulfoxide ligand which defines a stable Ru-Cl-Ru-S-O five-membered ring. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2447-2448.	1.1	19
100	Stereochemical and conformational features of ruthenium sulfoxide complexes: a molecular mechanics approach. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1541-1548.	1.1	18
101	Dynamic Materials through Metal-Directed and Solvent-Driven Self-Assembly of Cavitands. <i>Angewandte Chemie</i> , 2003, 115, 1422-1425.	2.0	18
102	Selective Binding of Spherical and Linear Anions by Tetraphenyl(thio)urea-Based Dihomooxalix[4]arene Receptors. <i>Journal of Organic Chemistry</i> , 2017, 82, 11383-11390.	3.2	18
103	Temperature Dependence of the Weak Host-guest Interactions in the tertbutylcalix[4]Arene 1:1 Toluene Complex. <i>Supramolecular Chemistry</i> , 1998, 10, 125-132.	1.2	17
104	Assembly of Positively Charged Porphyrins Driven by Metal Ions: A Novel Polymeric Arrangement of Cationic Metalloporphyrin. <i>Inorganic Chemistry</i> , 2004, 43, 7579-7581.	4.0	17
105	Probing the determinants of porosity in protein frameworks: co-crystals of cytochrome c and an octa-anionic calix[4]arene. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 211-214.	2.8	17
106	Evidence of steric influences on the Co-C bond lengths in vitamin B12 model compounds. <i>Journal of Organometallic Chemistry</i> , 1992, 425, 131-139.	1.8	16
107	An Unusual Reaction of Bis(dimethylglyoximate) Complexes: Synthesis and Characterization of Rhodium(III) Complexes Containing an Oxime-Imine Equatorial Moiety. <i>Inorganic Chemistry</i> , 1994, 33, 5404-5410.	4.0	16
108	Stereochemistry of Ruthenium Bis-chelate Disulfoxide Complexes. A Molecular Mechanics Investigation. <i>Inorganic Chemistry</i> , 1998, 37, 4094-4103.	4.0	16

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109	Hydrogen bonding effects on coordinated sulfoxides and relative role of intra- and inter-molecular interactions determining the dmsO orientation in $[\text{Ru}(\text{NHOH})_2(\text{fac}-\text{RuCl}_3(\text{dmsO})_3)]$ compounds: a crystallographic and molecular mechanics study. <i>Journal of Molecular Structure</i> , 2000, 516, 49-56.	3.6	16
110	Trans and cis influences and effects in cobalamins and in their simple models. <i>Journal of Inorganic Biochemistry</i> , 2012, 116, 215-227.	3.5	16
111	Improved Synthesis of Larger Resorcinarenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 5726-5731.	3.2	16
112	Synthesis and structure of 1, 2, 3-type ceramic oxides containing cobalt instead of copper. <i>Solid State Communications</i> , 1989, 72, 333-336.	1.9	15
113	Evidence of steric influences on the Co—C bond lengths in vitamin B12 model compounds. <i>Journal of Organometallic Chemistry</i> , 1991, 408, 95-104.	1.8	15
114	The synthesis and crystal structure of $[\text{Cr}(\text{acacen})\text{py}_2][\text{ZnCl}_3\text{py}]$ . <i>Inorganica Chimica Acta</i> , 1994, 217, 195-199.	2.4	15
115	Addition Reactions of Aldehydes to Lithium Enolates of 1,3-Dioxolan-4-ones: A Configurational Reassessment. <i>Chemistry - A European Journal</i> , 2000, 6, 3551-3557.	3.3	15
116	Stereochemical features of the disulfoxides 1,3-bis(n-propylsulfinyl)propane (BPSP) and 1,2-bis(methylsulfinyl)ethane (BMSE), and their copper(II) complexes. Crystal and molecular structure of meso-BPSP, $[\text{trans-Cu}(\text{meso-BPSP})_2(\text{H}_2\text{O})_2](\text{ClO}_4)_2$ , $\text{trans-Cu}(\text{meso-BMSE})_2(\text{ClO}_4)_2$ , and $\text{trans-Cu}(\text{rac-BMSE})_2(\text{ClO}_4)_2$ . <i>Inorganica Chimica Acta</i> , 2001, 323, 89-95.	2.4	15
117	New geometrical and linkage isomers of the Ru(II) precursor $\text{cis,cis,trans-RuCl}_2(\text{dmsO-S})_2(\text{dmsO-O})(\text{CO})$ : a spectroscopic and structural investigation. <i>Inorganica Chimica Acta</i> , 2003, 344, 183-189.	2.4	15
118	Bridging properties of disulfoxide ligands: crystal structure of copper(1,3-bis(n-propylsulfinyl)propane) perchlorate. <i>Inorganica Chimica Acta</i> , 1999, 292, 144-146.	2.4	14
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