Paul V Bernhardt

List of Publications by Year
in descending order

453	12,315	38742 50	56724 83
papers	citations	h-index	g-index

483	483	483	11164
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organicâ€“inorganic bismuth (III)-based material: A lead-free, air-stable and solution-processable light-absorber beyond organolead perovskites. Nano Research, 2016, 9, 692-702.	10.4	351
2	Dipyridyl Thiosemicarbazone Chelators with Potent and Selective Antitumor Activity Form Iron Complexes with Redox Activity. Journal of Medicinal Chemistry, 2006, 49, 6510-6521.	6.4	341
3	Thiosemicarbazones from the Old to New: Iron Chelators That Are More Than Just Ribonucleotide Reductase Inhibitors. Journal of Medicinal Chemistry, 2009, 52, 5271-5294.	6.4	338
4	Complexes of polyaza macrocycles bearing pendent coordinating groups. Coordination Chemistry Reviews, 1990, 104, 297-343.	18.8	333
5	Design, Synthesis, and Characterization of Novel Iron Chelators:â€‰Structureâ€'Activity Relationships of the 2-Benzoylpyridine Thiosemicarbazone Series and Their 3-Nitrobenzoyl Analogues as Potent Antitumor Agents. Journal of Medicinal Chemistry, 2007, 50, 3716-3729.	6.4	206
6	Novel Thiosemicarbazones of the ApT and DpT Series and Their Copper Complexes: Identification of Pronounced Redox Activity and Characterization of Their Antitumor Activity. Journal of Medicinal Chemistry, 2010, 53, 5759-5769.	6.4	205
7	2-Acetylpyridine Thiosemicarbazones are Potent Iron Chelators and Antiproliferative Agents: Redox Activity, Iron Complexation and Characterization of their Antitumor Activity. Journal of Medicinal Chemistry, 2009, 52, 1459-1470.	6.4	178
8	Novel Second-Generation Di-2-Pyridylketone Thiosemicarbazones Show Synergism with Standard Chemotherapeutics and Demonstrate Potent Activity against Lung Cancer Xenografts after Oral and Intravenous Administration in Vivo. Journal of Medicinal Chemistry, 2012, 55, 7230-7244.	6.4	165
9	Iron Chelators of the Dipyridylketone Thiosemicarbazone Class: Precomplexation and Transmetalation Effects on Anticancer Activity. Journal of Medicinal Chemistry, 2009, 52, 407-415.	6.4	151
10	Zinc(II)â€“Thiosemicarbazone Complexes Are Localized to the Lysosomal Compartment Where They Transmetallate with Copper Ions to Induce Cytotoxicity. Journal of Medicinal Chemistry, 2016, 59, 4965-4984.	6.4	148
11	Molecular mechanics calculations of transition metal complexes. Inorganic Chemistry, 1992, 31, 2638-2644.	4.0	139
12	Copper redistribution in murine macrophages in response to Salmonella infection. Biochemical Journal, 2012, 444, 51-57.	3.7	136
13	Crystal and molecular structure of 2-hydroxy-1-naphthaldehyde isonicotinoyl hydrazone (NIH) and its iron(III) complex: an iron chelator with anti-tumour activity. Journal of Biological Inorganic Chemistry, 1999, 4, 266-273.	2.6	131
14	Validating Eaton's Hypothesis: Cubane as a Benzene Bioisostere. Angewandte Chemie - International Edition, 2016, 55, 3580-3585.	13.8	126
15	Molecular mixed-valence cyanide bridged CoIIIâ€“FeII complexes. Coordination Chemistry Reviews, 2005, 249, 1902-1916.	18.8	118
16	Electrochemistry of Macrocyclic Cobalt(III/II) Hexaamines:Â Electrocatalytic Hydrogen Evolution in Aqueous Solution. Inorganic Chemistry, 1999, 38, 5086-5090.	4.0	109
17	Direct Electrochemistry of a Bacterial Sulfite Dehydrogenase. Journal of the American Chemical Society, 2003, 125, 530-535.	13.7	106
18	Design, Synthesis, and Characterization of New Iron Chelators with Anti-Proliferative Activity:â€‰Structureâ€'Activity Relationships of Novel Thiohydrazone Analogues. Journal of Medicinal Chemistry, 2007, 50, 6212-6225.	6.4	93

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19	Structureâ€“Activity Relationships of Novel Iron Chelators for the Treatment of Iron Overload Disease: The Methyl Pyrazinylketone Isonicotinoyl Hydrazone Series. Journal of Medicinal Chemistry, 2008, 51, 331-344.	6.4	91
20	Hydrazone chelators for the treatment of iron overload disorders: iron coordination chemistry and biological activity. Dalton Transactions, 2007, , 3232.	3.3	90
21	2-Pyridyl thiazoles as novel anti-Trypanosoma cruzi agents: Structural design, synthesis and pharmacological evaluation. European Journal of Medicinal Chemistry, 2014, 86, 48-59.	5.5	86
22	Structureâ€“Activity Relationships of Di-2-pyridylketone, 2-Benzoylpyridine, and 2-Acetylpyridine Thiosemicarbazones for Overcoming Pgp-Mediated Drug Resistance. Journal of Medicinal Chemistry, 2016, 59, 8601-8620.	6.4	82
23	Anoxic metabolism and biochemical production in Pseudomonas putida F1 driven by a bioelectrochemical system. Biotechnology for Biofuels, 2016, 9, 39.	6.2	82
24	Cytotoxic iron chelators: characterization of the structure, solution chemistry and redox activity of ligands and iron complexes of the di-2-pyridyl ketone isonicotinoyl hydrazone (HPKIH) analogues. Journal of Biological Inorganic Chemistry, 2003, 8, 866-880.	2.6	80
25	Enzyme Electrochemistry â€" Biocatalysis on an Electrode. Australian Journal of Chemistry, 2006, 59, 233.	0.9	75
26	Determination of solution structures of binuclear copper(II) complexes. Inorganic Chemistry, 1992, 31, 2644-2651.	4.0	74
27	Coordination chemistry and biology of chelators for the treatment of iron overload disorders. Dalton Transactions, 2007, , 3214.	3.3	73
28	Synthesis and characterization of three amino-functionalized metalâ€“organic frameworks based on the 2-aminoterephthalic ligand. Dalton Transactions, 2015, 44, 8190-8197.	3.3	72
29	Complexes of Cytotoxic Chelators from the Dipyridyl Ketone Isonicotinoyl Hydrazone (HPKIH) Analogues. Inorganic Chemistry, 2006, 45, 752-760.	4.0	71
30	Highly Sensitive and Stable Electrochemical Sulfite Biosensor Incorporating a Bacterial Sulfite Dehydrogenase. Analytical Chemistry, 2010, 82, 7374-7379.	6.5	71
31	Copper(II) Complexes of Substituted Macrobicyclic Hexaamines: Combined Trigonal and Tetragonal Distortions. Inorganic Chemistry, 1995, 34, 3589-3599.	4.0	70
32	A Rapid Electrochemical Method for Determining Rate Coefficients for Copper-Catalyzed Polymerizations. Journal of the American Chemical Society, 2011, 133, 11944-11947.	13.7	70
33	The Medicinal Chemistry of Novel Iron Chelators for the Treatment of Cancer. Current Topics in Medicinal Chemistry, 2011, 11, 483-499.	2.1	69
34	A Supramolecular Synthon for H-Bonded Transition Metal Arrays. Inorganic Chemistry, 1999, 38, 3481-3483.	4.0	67
35	Prediction and interpretation of electronic spectra of transition metal complexes via the combination of molecular mechanics and angular overlap model calculations. Inorganic Chemistry, 1993, 32, 2798-2803.	4.0	66
36	Redox dependent metabolic shift in Clostridium autoethanogenum by extracellular electron supply. Biotechnology for Biofuels, 2016, 9, 249.	6.2	65

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37	Discrete Dinuclear Cyano-Bridged Complexes. Inorganic Chemistry, 2000, 39, 5203-5208.	4.0	64
38	A novel class of thiosemicarbazones show multi-functional activity for the treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2017, 139, 612-632.	5.5	64
39	Novel diaroylhydrazine ligands as iron chelators: coordination chemistry and biological activity. Journal of Biological Inorganic Chemistry, 2005, 10, 761-777.	2.6	62
40	The First Structurally Characterized Discrete Dinuclear Î¼-Cyano Hexacyanoferrate Complex. Inorganic Chemistry, 1999, 38, 424-425.	4.0	59
41	A Phosphorescent Poly(dendrimer) Containing Iridium(III) Complexes: Synthesis and Light-Emitting Properties. Macromolecules, 2010, 43, 6986-6994.	4.8	59
42	Tuning the antiproliferative activity of biologically active iron chelators: characterization of the coordination chemistry and biological efficacy of 2-acetylpyridine and 2-benzoylpyridine hydrazone ligands. Journal of Biological Inorganic Chemistry, 2007, 13, 107-119.	2.6	57
43	A Ligand-Field Analysis of the trensal (H3trensal = 2,2â€˜,2â€˜â€‰â€˜-Tris(salicylideneimino)triethylamine) Ligand. An Application of the Angular Overlap Model to Lanthanides. Inorganic Chemistry, 2002, 41, 5024-5033.	4.0	56
44	Alkyl Substituted 2â€²-Benzoylpyridine Thiosemicarbazone Chelators with Potent and Selective Anti-Neoplastic Activity: Novel Ligands that Limit Methemoglobin Formation. Journal of Medicinal Chemistry, 2013, 56, 357-370.	6.4	56
45	Cyclic Penta- and Hexaleucine Peptides without N-Methylation Are Orally Absorbed. ACS Medicinal Chemistry Letters, 2014, 5, 1148-1151.	2.8	55
46	Methemoglobin Formation by Triapine, Di-2-pyridylketone-4,4-dimethyl-3-thiosemicarbazone (Dp44mT), and Other Anticancer Thiosemicarbazones: Identification of Novel Thiosemicarbazones and Therapeutics That Prevent This Effect. Molecular Pharmacology, 2012, 82, 105-114.	2.3	54
47	Organo-Copper(II) Complexes as Products of Radical Atom Transfer. Inorganic Chemistry, 2017, 56, 5784-5792.	4.0	54
48	N-Methylated Macrobicyclic Hexaamines of Copper(II) and Nickel(II): Large Steric Effects. Inorganic Chemistry, 1994, 33, 5659-5670.	4.0	53
49	Direct electrochemistry of enzymes from the cytochrome P450 2C family. Electrochemistry Communications, 2005, 7, 437-442.	4.7	53
50	Preparation, spectroscopic characterization and X-ray crystal and molecular structures of nickel(II), copper(II) and zinc(II) complexes of the Schiff base formed from isatin and S-methyldithiocarbazate (Hisa-sme). Polyhedron, 2008, 27, 71-79.	2.2	53
51	Direct Electrochemistry of Porcine Purple Acid Phosphatase (Uteroferrin)â€. Biochemistry, 2004, 43, 10387-10392.	2.5	52
52	The role of Znâ€“OR and Znâ€“OH nucleophiles and the influence of para-substituents in the reactions of binuclear phosphatase mimetics. Dalton Transactions, 2012, 41, 1695-1708.	3.3	52
53	A ferrocene functionalised macrocyclic receptor for cations and anions. Dalton Transactions RSC, 2001, , 1428-1431.	2.3	51
54	Halogenated 2â€²-Benzoylpyridine Thiosemicarbazone (XBpT) Chelators with Potent and Selective Anti-Neoplastic Activity: Relationship to Intracellular Redox Activity. Journal of Medicinal Chemistry, 2011, 54, 6936-6948.	6.4	51

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55	6, 13-Diamino-6,13-dimethyl-1,4,8,11-tetra-azacyclotetradecane, L7, a new, potentially sexidentate polyamine ligand. Variable co-ordination to cobalt (III) and crystal structure of the complex[CO(L7)]Cl2[ClO4]. Journal of the Chemical Society Dalton Transactions, 1989, , 1059.	1.1	49
56	Synthesis and Structural Properties of Patellamide A Derivatives and Their Copper(ii) Compounds. Chemistry - A European Journal, 2002, 8, 1527-1536.	3.3	49
57	Heterocyclic dithiocarbazate iron chelators: Fe coordination chemistry and biological activity. Dalton Transactions, 2012, 41, 6536.	3.3	49
58	The cubane paradigm in bioactive molecule discovery: further scope, limitations and the cyclooctatetraene complement. Organic and Biomolecular Chemistry, 2019, 17, 6790-6798.	2.8	49
59	Unprecedented oxidation of a biologically active aroylhydrazone chelator catalysed by iron(III): serendipitous identification of diacylhydrazine ligands with high iron chelation efficacy. Journal of Biological Inorganic Chemistry, 2001, 6, 801-809.	2.6	48
60	New Method for Exploring Deactivation Kinetics in Copper-Catalyzed Atom-Transfer-Radical Reactions. Inorganic Chemistry, 2014, 53, 11351-11353.	4.0	48
61	Expedient Construction of the Vibsanin E Core without the Use of Protecting Groups. Organic Letters, 2005, 7, 1327-1329.	4.6	47
62	Transition metal complexes as mediator-titrants in protein redox potentiometry. Journal of Biological Inorganic Chemistry, 2006, 11, 930-936.	2.6	47
63	The NT-26 cytochrome c552 and its role in arsenite oxidation. Biochimica Et Biophysica Acta - Bioenergetics, 2007, 1767, 189-196.	1.0	47
64	New PKS-NRPS tetramic acids and pyridinone from an Australian marine-derived fungus, Chaunopycnis sp.. Organic and Biomolecular Chemistry, 2015, 13, 7795-7802.	2.8	47
65	The preparation of zinc(II) and cadmium(II) complexes of the pentadentate N3S2 ligand formed from 2,6-diacetylpyridine and S-benzyldithiocarbazate (H2SNNNS) and the X-ray crystal structure of the novel dimeric [Zn2(SNNNS)2] complex. Polyhedron, 2003, 22, 3433-3438.	2.2	46
66	SET-LRP of NIPAM in water via in situ reduction of Cu(<scp>ii</scp>) to Cu(0) with NaBH₄. Polymer Chemistry, 2016, 7, 933-939.	3.9	46
67	Chemistry of Stable Iminopropadienones, RNCCCO. Journal of Organic Chemistry, 2002, 67, 2619-2631.	3.2	45
68	Functionalized Macrocyclic Compounds: Potential Sensors of Small Molecules and Ions. Australian Journal of Chemistry, 2003, 56, 239.	0.9	45
69	Synthetic, spectroscopic and X-ray crystallographic structural study of the monomeric [Cu(pysme)(sac)(MeOH)] and dimeric [Cu(6mptsc)(sac)]2 complexes [pysme=anion of the pyridine-2-carboxaldehyde Schiff base of S-methyldithiocarbazate, 6mptsc=the anion of the 6-methyl-2-pyridinecarbaldehydethiosemicarbazone and sac=the saccharinate anion]. Polyhedron, 2004, 23, 2031-2036.	2.2	45
70	Electrochemistry of P450cin: new insights into P450 electron transfer. Chemical Communications, 2003, , 418-419.	4.1	44
71	Protein Film Voltammetry of Rhodobacter Capsulatus Xanthine Dehydrogenase. Journal of the American Chemical Society, 2003, 125, 15352-15358.	13.7	43
72	Diphenyltin(IV) complexes of the 2-quinolinecarboxaldehyde Schiff bases of S-methyl- and S-benzyldithiocarbazate (Hqaldsme and Hqaldsbz): X-ray crystal structures of Hqaldsme and two conformers of its diphenyltin(IV) complex. Polyhedron, 2005, 24, 383-390.	2.2	43

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73	Kinetic and Structural Evidence for the Importance of Tyr236 for the Integrity of the Mo Active Site in a Bacterial Sulfite Dehydrogenaseâ€. Biochemistry, 2006, 45, 9696-9705.	2.5	43
74	A Turn-on Fluorescent Iron Complex and Its Cellular Uptake. Inorganic Chemistry, 2011, 50, 9178-9183.	4.0	43
75	Low-Potential Amperometric Enzyme Biosensor for Xanthine and Hypoxanthine. Analytical Chemistry, 2012, 84, 10359-10365.	6.5	43
76	Ligand-Field Analysis of an Er(III) Complex with a Heptadentate Tripodal N4O3Ligand. Inorganic Chemistry, 2001, 40, 5401-5407.	4.0	41
77	Rapid Communication: Completion of the Isomorphous Ln(trensal) Series. Australian Journal of Chemistry, 2001, 54, 229.	0.9	41
78	Solvent dependent anion dissociation limits copper(i) catalysed atom transfer reactions. Dalton Transactions, 2013, 42, 11683.	3.3	41
79	Coordination of the sexidentate macrocycle 6,13-dimethyl-1,4,8,11-tetraazacyclotetradecane-6,13-diamine to iron(III). Inorganic Chemistry, 1991, 30, 942-946.	4.0	40
80	Gold(III) template synthesis of a pendant-arm macrocycle. Journal of the Chemical Society Dalton Transactions, 1997, , 323-328.	1.1	40
81	Towards the Total Synthesis of Vibsanin E, 15-O-Methylcyclovibsanin B,3-Hydroxyvibsanin E, Furanovibsanin A, and 3-O-Methylfuranovibsanin A. European Journal of Organic Chemistry, 2006, 2006, 3181-3192.	2.4	40
82	Novel Mechanism of Cytotoxicity for the Selective Selenosemicarbazone, 2-Acetylpyridine 4,4-Dimethyl-3-selenosemicarbazone (Ap44mSe): Lysosomal Membrane Permeabilization. Journal of Medicinal Chemistry, 2016, 59, 294-312.	6.4	39
83	Engineering PQQ-glucose dehydrogenase into an allosteric electrochemical Ca²⁺ sensor. Chemical Communications, 2016, 52, 485-488.	4.1	39
84	Isomorphous Lanthanide Complexes of a Tripodal N4O3 Ligand. Australian Journal of Chemistry, 2000, 53, 229.	0.9	38
85	The influence of cis/trans isomerism on the physical properties of a cyano-bridged dinuclear mixed valence complex. Dalton Transactions RSC, 2002, , 1435.	2.3	38
86	Protein Film Voltammetry of Arsenite Oxidase from the Chemolithoautotrophic Arsenite-Oxidizing Bacterium NT-26â€. Biochemistry, 2006, 45, 2804-2809.	2.5	38
87	Cloning, Expression and Purification of Cindoxin, an Unusual Fmnâ€Containing Cytochrome P450 Redox Partner. ChemBioChem, 2010, 11, 1107-1114.	2.6	38
88	An Approach to More Accurate Model Systems for Purple Acid Phosphatases (PAPs). Inorganic Chemistry, 2015, 54, 7249-7263.	4.0	38
89	Phenethylammonium bismuth halides: from single crystals to bulky-organic cation promoted thin-film deposition for potential optoelectronic applications. Journal of Materials Chemistry A, 2019, 7, 20733-20741.	10.3	38
90	EPR spectrum and metal-ligand bonding parameters of a low-spin (hexaamine)iron(III) complex. Inorganic Chemistry, 1991, 30, 4088-4093.	4.0	37

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91	On the Structure, Electrochemistry, and Spectroscopy of the (N,Nâ€˜-Bis(2â€˜-(dimethylamino)ethyl)-N,Nâ€˜-dimethylpropane-1,3- diamine)copper(II) Ion. Journal of the American Chemical Society, 1997, 119, 771-774.	13.7	37
92	Synthesis and characterization of mono- and bis-ligand zinc(II) and cadmium(II) complexes of the di-2-pyridylketone Schiff base of S-benzyl dithiocarbazate (Hdpksbz) and the X-ray crystal structures of the [Zn(dpksbz)2] and [Cd(dpksbz)NCS]2 complexes. Polyhedron, 2003, 22, 1471-1479.	2.2	37
93	Intramolecular Electron Transfer in Sulfite-Oxidizing Enzymes: Elucidating the Role of a Conserved Active Site Arginine. Biochemistry, 2009, 48, 2156-2163.	2.5	37
94	The Trivalent Copper Complex of a Conjugated Bis-dithiocarbazate Schiff Base: Stabilization of Cu in Three Different Oxidation States. Inorganic Chemistry, 2013, 52, 1650-1657.	4.0	37
95	Stabilization of Cobalt Cage Conformers in the Solid State and Solution. Inorganic Chemistry, 1994, 33, 4553-4561.	4.0	36
96	Substitution Reactions on Cyclometalated Pt(IV) Complexes. Associative Tuning by Fluoro Ligands and Fluorinated Substituents. Inorganic Chemistry, 2002, 41, 1747-1754.	4.0	36
97	The biologically active iron chelators 2-pyridylcarboxaldehyde isonicotinoylhydrazone, 2-pyridylcarboxaldehyde benzoylhydrazone monohydrate and 2-furaldehyde isonicotinoylhydrazone. Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 2102-2105.	0.4	35
98	C-Substituted Macrocycles as Candidates for Radioimmunotherapy. Inorganic Chemistry, 2000, 39, 4123-4129.	4.0	35
99	Photoinduced Electron Transfer and Electronic Energy Transfer in Naphthyl-Appended Cyclams. Inorganic Chemistry, 2001, 40, 5799-5805.	4.0	35
100	Mechanisms of Substitution Reactions on Cyclometallated Platinum(IV) Complexes:Â â€œQuasi-labileâ€• Systems. Organometallics, 2000, 19, 4862-4869.	2.3	34
101	Crown Ether Appended Cyclam Receptors for Cationic Guests. Inorganic Chemistry, 2002, 41, 2892-2902.	4.0	34
102	Discrete Cyanide-Bridged Mixed-Valence Co/Fe Complexes: Outer-Sphere Redox Behaviour. European Journal of Inorganic Chemistry, 2003, 2003, 2512-2518.	2.0	34
103	Secondary Metabolites of the Sponge-Derived Fungus Acremonium persicinum. Journal of Natural Products, 2013, 76, 1432-1440.	3.0	34
104	Electrochemically driven catalysis of Rhizobium sp. NT-26 arsenite oxidase with its native electron acceptor cytochrome c552. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 112-120.	1.0	34
105	Validating Eaton's Hypothesis: Cubane as a Benzene Bioisostere. Angewandte Chemie, 2016, 128, 3644-3649.	2.0	34
106	Complexation of cis-6,13-dimethyl-1,4,8,11-tetraazacyclotetradecane-6,13-diamine with the first row transition metal ions cobalt(III), chromium(III), and nickel(II). Inorganic Chemistry, 1993, 32, 2804-2809.	4.0	33
107	Cytochrome c551 from Starkeya novella. Journal of Biological Chemistry, 2004, 279, 6252-6260.	3.4	33
108	The preparation and characterization of seven-coordinate tin(IV) complexes of the 2,6-diacetylpyridine Schiff bases of S-alkyl/aryl-dithiocarbazates and the X-ray crystal structure of the [Sn(dapsme)I2] complex (dapsme=doubly deprotonated form of the 2,6-diacetylpyridine Schiff base of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 52 Td (S-m	2.2	33

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109	Magnetic, spectroscopic and X-ray crystallographic structural studies on copper(II) complexes of tridentate NNS Schiff base ligands formed from 2-acetylpyrazine and S-methyl- and S-benzyldithiocarbazates. Inorganica Chimica Acta, 2009, 362, 3648-3656.	2.4	33
110	Synthesis, spectroscopy and X-ray crystal structures of some zinc(II) and cadmium(II) complexes of the 2-pyridinecarboxaldehyde Schiff bases of S-methyl- and S-benzyldithiocarbazates. Polyhedron, 2014, 74, 16-23.	2.2	33
111	Transition metal complexes of the novel tridentate di-2-pyridylmethanamine (dipa). Inorganic Chemistry, 1992, 31, 4194-4200.	4.0	32
112	Identification, Synthesis, and Biological Evaluation of the Major Human Metabolite of NLRP3 Inflammasome Inhibitor MCC950. ACS Medicinal Chemistry Letters, 2016, 7, 1034-1038.	2.8	32
113	Thermochromism and Structure of Piperazinium Tetrachlorocuprate(II) Complexes. Inorganic Chemistry, 1998, 37, 3635-3639.	4.0	31
114	Aminotriazines as Locking Fragments in Macrocyclic Synthesis. Inorganic Chemistry, 1998, 37, 4214-4219.	4.0	31
115	Synthesis of the Sponge-Derived Plakortone Series of Bioactive Compounds. Journal of Organic Chemistry, 2010, 75, 6489-6501.	3.2	31
116	Redox-coupled structural changes in copper chemistry: Implications for atom transfer catalysis. Coordination Chemistry Reviews, 2018, 375, 173-190.	18.8	31
117	Coordination of the "pendant-arm" macrocycle 6,13-diamino-6,13-dimethyl-1,4,8,11-tetraazacyclotetradecane to chromium(III). Crystal structure and physical properties of the hexacoordinated complex ion. Inorganic Chemistry, 1990, 29, 3208-3213.	4.0	30
118	A Molecular-Mechanics Analysis of Complexes of the Sexidentate Macrocyclescis-andtrans-6,13-Dimethyl-1,4,8,11-tetraazacyclotetradecane-6,13-diamine. Helvetica Chimica Acta, 1991, 74, 1834-1842.	1.6	30
119	The first non-turnover voltammetric response from a molybdenum enzyme: direct electrochemistry of dimethylsulfoxide reductase from Rhodobacter capsulatus. Journal of Biological Inorganic Chemistry, 2002, 7, 879-883.	2.6	30
120	PrrC, a Sco homologue from Rhodobacter sphaeroides, possesses thiolâ€disulfide oxidoreductase activity. FEBS Letters, 2007, 581, 4663-4667.	2.8	30
121	Novel chelators based on adamantane-derived semicarbazones and hydrazones that target multiple hallmarks of Alzheimer's disease. Dalton Transactions, 2018, 47, 7190-7205.	3.3	30
122	Understanding the Mechanistic Requirements for Efficient and Stereoselective Alkene Epoxidation by a Cytochrome P450 Enzyme. ACS Catalysis, 2021, 11, 1995-2010.	11.2	30
123	Isolation and complexation of the cis isomer of the pendant arm macrocycle 6,13-dimethyl-1,4,8,11-tetraazacyclotetradecane-6,13-diamine. Journal of the Chemical Society Dalton Transactions, 1992, , 355-359.	1.1	29
124	1H-1,3-Diazepines, 5H-1,3-diazepines, 1,3-diazepinones, and 2,4-diazabicyclo[3.2.0]heptenes,. Organic and Biomolecular Chemistry, 2004, 2, 1227-1238.	2.8	29
125	Time-Resolved Spectroscopy of the Metal-to-Metal Charge Transfer Excited State in Dinuclear Cyano-Bridged Mixed-Valence Complexes. Inorganic Chemistry, 2005, 44, 5530-5536.	4.0	29
126	A Novel, Molybdenum-Containing Methionine Sulfoxide Reductase Supports Survival of Haemophilus influenzae in an In vivo Model of Infection. Frontiers in Microbiology, 2016, 7, 1743.	3.5	29

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127	Fungal Biotransformation of Tetracycline Antibiotics. Journal of Organic Chemistry, 2016, 81, 6186-6194.	3.2	29
128	An Altered Heme Environment in an Engineered Cytochrome P450 Enzyme Enables the Switch from Monooxygenase to Peroxygenase Activity. ACS Catalysis, 2022, 12, 1614-1625.	11.2	29
129	Tuning the metal-to-metal charge transfer energy of cyano-bridged dinuclear complexes. Dalton Transactions, 2004, , 2582-2587.	3.3	28
130	Oxidation of Mixed-Valence CoIII/FeIIComplexes Reversed at High pH:Â A Kinetico-Mechanistic Study of Water Oxidation. Inorganic Chemistry, 2004, 43, 7187-7195.	4.0	28
131	Tailoring mixed-valence CoIII/FeII complexes for their potential use as sensitizers in dye sensitized solar cells. New Journal of Chemistry, 2008, 32, 705.	2.8	28
132	Copper(II) Complexes of a Hexadentate Mixedâ€Donor N₃S₃ Macrobicyclic Cage: Facile Rearrangements and Interconversions. Chemistry - A European Journal, 2010, 16, 3166-3175.	3.3	28
133	Synthesis, structures and spectroscopic properties of some tin(IV) complexes of the 2-acetylpyrazine Schiff bases of S-methyl- and S-benzyldithiocarbazates. Inorganica Chimica Acta, 2016, 453, 742-750.	2.4	28
134	Site-Directed Mutagenesis of Dimethyl Sulfoxide Reductase fromRhodobacter capsulatus:Â Characterization of a Y114 â†' F Mutantâ€. Biochemistry, 2002, 41, 15762-15769.	2.5	27
135	Iron catalysed assembly of an asymmetric mixed-ligand triple helicate. Dalton Transactions, 2004, , 3342.	3.3	27
136	Dinuclear Cyano-Bridged CoIIIâ^'FeII Complexes as Precursors for Molecular Mixed-Valence Complexes of Higher Nuclearity. Inorganic Chemistry, 2006, 45, 74-82.	4.0	27
137	Mixed-ligand nickel(II) and copper(II) complexes of tridentate ONS and NNS ligands derived from S-alkyldithiocarbazates with the saccharinate ion as a co-ligand. Polyhedron, 2012, 48, 167-173.	2.2	27
138	Dicopper(II) Complexes of Spiro Macrobicycles With Aza and Thia Aza Donor Sets. Australian Journal of Chemistry, 1990, 43, 2035.	0.9	26
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