

Paul V Bernhardt

List of Publications by Year in descending order

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papers

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38738
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483
all docs

483
docs citations

483
times ranked

11164
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemically driven catalysis of the bacterial molybdenum enzyme YiiM. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148523.	1.0	6
2	An Altered Heme Environment in an Engineered Cytochrome P450 Enzyme Enables the Switch from Monooxygenase to Peroxygenase Activity. <i>ACS Catalysis</i> , 2022, 12, 1614-1625.	11.2	29
3	Glenthenamines Aâ€“F: Enamine Pyranonaphthoquinones from the Australian Pasture Plant Derived <i>Streptomyces</i> sp. CMB-PB042. <i>Journal of Natural Products</i> , 2022, , .	3.0	3
4	The (Â±)-6-Aza[1.0]triblattane Skeleton: Contraction beyond the Wilderâ€“Culberson Ring System. <i>Organic Letters</i> , 2022, 24, 903-906.	4.6	7
5	Ascorbate-and iron-driven redox activity of Dp44mT and Emodin facilitates peroxidation of micelles and bicelles. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130078.	2.4	7
6	To Be, or Not to Be, an Inhibitor: A Comparison of Azole Interactions with and Oxidation by a Cytochrome P450 Enzyme. <i>Inorganic Chemistry</i> , 2022, 61, 236-245.	4.0	6
7	Dihydroxyâ€“Acid Dehydratases From Pathogenic Bacteria: Emerging Drug Targets to Combat Antibiotic Resistance. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	5
8	Minimizing the Reorganization Energy of Cobalt Redox Mediators Maximizes Charge Transfer Rates from Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2022, , .	13.8	2
9	Catalytic electrochemistry of the bacterial Molybdoenzyme YcbX. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148579.	1.0	3
10	Borylated 2,3,4,5-Tetrachlorophthalimide and Their 2,3,4,5-Tetrachlorobenzamide Analogues: Synthesis, Their Glycosidase Inhibition and Anticancer Properties in View to Boron Neutron Capture Therapy. <i>Molecules</i> , 2022, 27, 3447.	3.8	4
11	Glenthmycins Aâ€“M: Macrocyclic Spirotetronate Polyketide Antibacterials from the Australian Pasture Plant-Derived <i>Streptomyces</i> sp. CMB-PB041. <i>Journal of Natural Products</i> , 2022, 85, 1641-1657.	3.0	3
12	Enzyme Electrode Biosensors for <i>N</i>-Hydroxylated Prodrugs Incorporating the Mitochondrial Amidoxime Reducing Component. <i>Analytical Chemistry</i> , 2022, 94, 9208-9215.	6.5	5
13	Nickel coordination chemistry of bis(dithiocarbazate) Schiff base ligands; metal and ligand centred redox reactions. <i>Dalton Transactions</i> , 2021, 50, 612-623.	3.3	7
14	Copper Complexes of Benzoylacetone Bis-Thiosemicarbazones: Metal and Ligand Based Redox Reactivity. <i>Australian Journal of Chemistry</i> , 2021, 74, 34.	0.9	4
15	Active site architecture reveals coordination sphere flexibility and specificity determinants in a group of closely related molybdoenzymes. <i>Journal of Biological Chemistry</i> , 2021, 296, 100672.	3.4	7
16	Tandem Oxidation-Dehydrogenation of (Hetero)Arylated Primary Alcohols via Perruthenate Catalysis. <i>Australian Journal of Chemistry</i> , 2021, , .	0.9	1
17	Amaurones Aâ€“K: Polyketides from the Fish Gut-Derived Fungus <i>Amauroascus</i> sp. CMB-F713. <i>Journal of Natural Products</i> , 2021, 84, 474-482.	3.0	9
18	Neobulgarones Revisited: <i>Anti</i> and <i>Syn</i> Bianthrone from an Australian Mud Dauber Wasp Nest-Associated Fungus, <i>Penicillium</i> sp. CMB-MD22. <i>Journal of Natural Products</i> , 2021, 84, 762-770.	3.0	9

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19	Understanding the Mechanistic Requirements for Efficient and Stereoselective Alkene Epoxidation by a Cytochrome P450 Enzyme. <i>ACS Catalysis</i> , 2021, 11, 1995-2010.	11.2	30
20	Deconstructing the electron transfer chain in a complex molybdoenzyme: Assimilatory nitrate reductase from <i>Neurospora crassa</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148358.	1.0	3
21	Experimental and theoretical approaches for the development of 4H-Chromene derivatives as inhibitors of tyrosinase. <i>Molecular Simulation</i> , 2021, 47, 762-770.	2.0	2
22	Electrochemical Exploration of Active Cu-Based Atom Transfer Radical Polymerization Catalysis through Ligand Modification. <i>Inorganic Chemistry</i> , 2021, 60, 9709-9719.	4.0	16
23	Mapping the Pathway to Organocopper(II) Complexes Relevant to Atom Transfer Radical Polymerization. <i>Inorganic Chemistry</i> , 2021, 60, 10648-10655.	4.0	5
24	Does H_3O^+ Really Act as a Ligand in the Solid State?. <i>Inorganic Chemistry</i> , 2021, 60, 13071-13079.	4.0	1
25	Synthesis, isolation and characterisation of fluorinated benzimidazoisoquinoline regioisomers. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 1154-1159.	1.9	0
26	A highly sensitive and stable electrochemical nitrate biosensor. <i>Electrochimica Acta</i> , 2021, 386, 138480.	5.2	10
27	Temperature and Counterion Dependent Spin Crossover in a Hexamineiron(II) Complex. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3938-3949.	2.0	2
28	Bioinorganic systems responsive to the diatomic gases O ₂ , NO, and CO: From biological sensors to therapy. <i>Coordination Chemistry Reviews</i> , 2021, 445, 214096.	18.8	14
29	Activation of PKC supports the anticancer activity of tigilanol tiglate and related epoxytiglanes. <i>Scientific Reports</i> , 2021, 11, 207.	3.3	18
30	Bhimamycin J, a Rare Benzo[<i>f</i>]isoindole-1-one Alkaloid from the Marine-Derived Actinomycete <i>Streptomyces</i> sp. MS180069. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100674.	2.1	3
31	Molecular Approach to Alkali-Metal Encapsulation by a Prussian Blue Analogue Fe^{II}/Co^{III} Cube in Aqueous Solution: A Kineticomechanistic Exchange Study. <i>Inorganic Chemistry</i> , 2021, 60, 18407-18422.	4.0	3
32	The oxidation-reduction and electrocatalytic properties of CO dehydrogenase from <i>Oligotropha carboxidovorans</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2020, 1861, 148118.	1.0	9
33	Cytochrome <i>c</i> Reductase is a Key Enzyme Involved in the Extracellular Electron Transfer Pathway towards Transition Metal Complexes in <i>Pseudomonas Putida</i> . <i>ChemSusChem</i> , 2020, 13, 5308-5317.	6.8	16
34	Dysidealactams and Dysidealactones: Sesquiterpene Glycinyl-Lactams, Imides, and Lactones from a <i>Dysidea</i> sp. Marine Sponge Collected in Southern Australia. <i>Journal of Natural Products</i> , 2020, 83, 1577-1584.	3.0	16
35	Biophysical Techniques for Distinguishing Ligand Binding Modes in Cytochrome P450 Monooxygenases. <i>Biochemistry</i> , 2020, 59, 1038-1050.	2.5	20
36	Chrysosporazines: P-Glycoprotein Inhibitory Phenylpropanoid Piperazines from an Australian Marine Fish Derived Fungus, <i>Chrysosporium</i> sp. CMB-F294. <i>Journal of Natural Products</i> , 2020, 83, 497-504.	3.0	17

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37	Humulene Diepoxides from the Australian Arid Zone Herb <i>Dysphania</i> : Assignment of Aged Hops Constituents. Chemistry - A European Journal, 2020, 26, 1653-1660.	3.3	3
38	Kalparinol, a Salvialane (Isodaucane) Sesquiterpenoid Derived from Native Australian <i>Dysphania</i> Species That Suggests a Putative Biogenetic Link to Zerumbone. Journal of Natural Products, 2020, 83, 1473-1479.	3.0	5
39	Synthetic Tiglane Intermediates Engage Thiols to Induce Potent Cell Line Selective Anti-Cancer Activity. Chemistry - A European Journal, 2020, 26, 13372-13377.	3.3	3
40	Crystal structure of 6-azido-6-deoxy-1,2-O-isopropylidene- α -D-glucofuranose. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1653-1656.	0.5	0
41	Hydrogen Bonding Interactions in the Ley-Griffith Oxidation: Practical Considerations for the Synthetic Chemist. European Journal of Organic Chemistry, 2019, 2019, 303-308.	2.4	6
42	Scopularides Revisited: Molecular Networking Guided Exploration of Lipodepsipeptides in Australian Marine Fish Gastrointestinal Tract-Derived Fungi. Marine Drugs, 2019, 17, 475.	4.6	20
43	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
44	Contemplating 1,2,4-Thiadiazole-Inspired Cyclic Peptide Mimics: A Computational Investigation. Australian Journal of Chemistry, 2019, 72, 894.	0.9	2
45	Trivalent copper stabilised by acetylacetone dithiocarbazate Schiff base ligands: structural, spectroscopic and electrochemical properties. Dalton Transactions, 2019, 48, 15501-15514.	3.3	11
46	A spectroelectrochemical investigation of the heme-based sensor DevS from <i>Mycobacterium tuberculosis</i> : a redox versus oxygen sensor. FEBS Journal, 2019, 286, 4278-4293.	4.7	11
47	En Route to D-Ring Inverted Phorbol Esters. Organic Letters, 2019, 21, 8761-8764.	4.6	12
48	A Novel Long-Range n to π^* Interaction Secures the Smallest known α -Helix in Water. Angewandte Chemie - International Edition, 2019, 58, 18873-18877.	13.8	23
49	Computer Modelling and Synthesis of Deoxy and Monohydroxy Analogues of a Ribitylaminouracil Bacterial Metabolite that Potently Activates Human T Cells. Chemistry - A European Journal, 2019, 25, 15594-15608.	3.3	14
50	Antibacterial 5 β -Spirostane Saponins from the Fruit of <i>Cordyline manners-suttoniae</i> . Journal of Natural Products, 2019, 82, 2809-2817.	3.0	5
51	Ascorbyl and hydroxyl radical generation mediated by a copper complex adsorbed on gold. Dalton Transactions, 2019, 48, 14128-14137.	3.3	11
52	Basimarols A, B, and C, Highly Oxygenated Pimarane Diterpenoids from <i>Basilicum polystachyon</i> . Journal of Natural Products, 2019, 82, 2828-2834.	3.0	13
53	Chrysosporazines A-E: P-Glycoprotein Inhibitory Piperazines from an Australian Marine Fish Gastrointestinal Tract-Derived Fungus, <i>Chrysosporium</i> sp. CMB-F214. Organic Letters, 2019, 21, 8097-8100.	4.6	18
54	Cyclooctatetraenes through Valence Isomerization of Cubanes: Scope and Limitations. Chemistry - A European Journal, 2019, 25, 2735-2739.	3.3	18

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55	Cyclooctatetraene: A Bioactive Cubane Paradigm Complement. Chemistry - A European Journal, 2019, 25, 2729-2734.	3.3	24
56	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
57	Synthesis and Characterisation of Indium(III) Bis-Thiosemicarbazone Complexes: 18F Incorporation for PET Imaging. Australian Journal of Chemistry, 2019, 72, 383.	0.9	5
58	Synthesis of 18 F-radiolabeled diphenyl gallium dithiosemicarbazone using a novel halogen exchange method and in vivo biodistribution. Journal of Labelled Compounds and Radiopharmaceuticals, 2019, 62, 321-331.	1.0	1
59	Electrocatalysis of a Europium-Dependent Bacterial Methanol Dehydrogenase with Its Physiological Electron-Acceptor Cytochrome c_{550} . Chemistry - A European Journal, 2019, 25, 8760-8768.	3.3	13
60	The fate of copper catalysts in atom transfer radical chemistry. Polymer Chemistry, 2019, 10, 1460-1470.	3.9	19
61	Element 27 – Cobalt. Australian Journal of Chemistry, 2019, 72, 241.	0.9	1
62	Proton-assisted air oxidation mechanisms of iron(ii) bis-thiosemicarbazone complexes at physiological pH: a kinetic-mechanistic study. Dalton Transactions, 2019, 48, 16578-16587.	3.3	4
63	A Novel Long-Range π to π^* Interaction Secures the Smallest known β -Helix in Water. Angewandte Chemie, 2019, 131, 19049-19053.	2.0	8
64	NMR, X-Ray Crystal Structure Studies and Mechanism for Formation of a Novel Di-gallium Complex and 5-Methoxy-4,5,6-triphenyl-4,5-dihydro-1,2,4-triazene-3(2H)-thione. Journal of Chemical Crystallography, 2019, 49, 131-138.	1.1	1
65	ATP3 and MTP3: Easily Prepared Stable Perruthenate Salts for Oxidation Applications in Synthesis. Chemistry - A European Journal, 2018, 24, 4556-4561.	3.3	18
66	Electrocatalytic Hydroxylation of Sterols by Steroid C25 Dehydrogenase from Sterolibacterium denitrificans. Chemistry - A European Journal, 2018, 24, 7710-7717.	3.3	3
67	Isomerism and reactivity of nickel(ii) acetylacetonate bis(thiosemicarbazone) complexes. Dalton Transactions, 2018, 47, 2018-2030.	3.3	20
68	Spin Crossover in a Hexamineiron(II) Complex: Experimental Confirmation of a Computational Prediction. Chemistry - A European Journal, 2018, 24, 5082-5085.	3.3	11
69	Heteroatom-Interchanged Isomers of Lissoclinamide 5: Copper(II) Complexation, Halide Binding, and Biological Activity. European Journal of Organic Chemistry, 2018, 2018, 1465-1476.	2.4	8
70	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
71	The central active site arginine in sulfite oxidizing enzymes alters kinetic properties by controlling electron transfer and redox interactions. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, 19-27.	1.0	7
72	Redox-coupled structural changes in copper chemistry: Implications for atom transfer catalysis. Coordination Chemistry Reviews, 2018, 375, 173-190.	18.8	31

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73	Formation and Reactivity of Copper Acetylacetonone Bis(Thiosemicarbazone) Complexes. European Journal of Inorganic Chemistry, 2018, 2018, 4731-4741.	2.0	10
74	Crystal Structure of Ethyl 2,4-Dimethyl-1-phenyl-6-thioxo-1,6-dihydropyrimidine-5-carboxylate: The Product from the Reaction of Ethyl 3-Aminocrotonate, Phenylisothiocyanate and Acetic Anhydride. Journal of Chemical Crystallography, 2018, 48, 91-95.	1.1	2
75	A Novel Strategy to Introduce ¹⁸ F, a Positron Emitting Radionuclide, into a Gallium Nitrate Complex: Synthesis, NMR, X-Ray Crystal Structure, and Preliminary Studies on Radiolabelling with ¹⁸ F. Australian Journal of Chemistry, 2018, 71, 81.	0.9	6
76	Kineticomechanistic Study of the Redox pH Cycling Processes Occurring on a Robust Water-Soluble Cyanido-Bridged Mixed-Valence {CoIII/FelI}2Square. Inorganic Chemistry, 2018, 57, 8465-8475.	4.0	8
77	Cobalt cage complexes as mediators of protein electron transfer. Journal of Biological Inorganic Chemistry, 2017, 22, 775-788.	2.6	10
78	Hydroxyl Radicals via Collision-Induced Dissociation of Trimethylammonium Benzyl Alcohols. Australian Journal of Chemistry, 2017, 70, 397.	0.9	5
79	Towards the Total Synthesis of Gedunin: Construction of the Fully Elaborated ABC...Ring System. Asian Journal of Organic Chemistry, 2017, 6, 583-597.	2.7	6
80	Inhibition of tyrosinase by 4 H-â€chromene analogs: Synthesis, kinetic studies, and computational analysis. Chemical Biology and Drug Design, 2017, 90, 804-810.	3.2	15
81	Organo-Copper(II) Complexes as Products of Radical Atom Transfer. Inorganic Chemistry, 2017, 56, 5784-5792.	4.0	54
82	Asymmetric Sequential Cuâ€Catalyzed 1,6/1,4â€Conjugate Additions of Hard Nucleophiles to Cyclic Dienones: Determination of Absolute Configurations and Origins of Enantioselectivity. Chemistry - A European Journal, 2017, 23, 7515-7525.	3.3	13
83	Synthesis and X-ray Crystal Structure of 2 and 4-Trifluoromethyl Substituted Phenyl Semicarbazone and Thiosemicarbazone. Journal of Chemical Crystallography, 2017, 47, 30-39.	1.1	2
84	Gaining Synthetic Appreciation for the Gedunin ABC Ring System. Chemistry - A European Journal, 2017, 23, 2282-2285.	3.3	10
85	Mediated Catalytic Voltammetry of Holo and Hemeâ€Free Human Sulfite Oxidases. ChemElectroChem, 2017, 4, 947-956.	3.4	7
86	A Nanoporous Cytochrome c Film with Highly Ordered Porous Structure for Sensing of Toxic Vapors. Advanced Materials, 2017, 29, 1702295.	21.0	23
87	Human mitochondrial amidoxime reducing component (mARC): An electrochemical method for identifying new substrates and inhibitors. Electrochemistry Communications, 2017, 84, 90-93.	4.7	12
88	Elucidating the mechanism of the Leyâ€Griffith (TPAP) alcohol oxidation. Chemical Science, 2017, 8, 8435-8442.	7.4	18
89	Chitosan-Promoted Direct Electrochemistry of Human Sulfite Oxidase. Journal of Physical Chemistry B, 2017, 121, 9149-9159.	2.6	14
90	Predicting and experimental evaluating bio-electrochemical synthesis â€” A case study with Clostridium kluyveri. Bioelectrochemistry, 2017, 118, 114-122.	4.6	21

91	A novel class of thiosemicarbazones show multi-functional activity for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 612-632.	5.5	64
92	Kinetico-mechanistic Study on the Oxidation of Biologically Active Iron(II) Bis(thiosemicarbazone) Complexes by Air. Importance of $\text{NH}_4^+ \cdots \text{O}_2$ Interactions As Established by Activation Volumes. <i>Inorganic Chemistry</i> , 2017, 56, 14284-14290.	4.0	11
93	Bioelectrocatalysis of Sulfite Dehydrogenase from <i>Sinorhizobium meliloti</i> with Its Physiological Cytochrome Electron Partner. <i>ChemElectroChem</i> , 2017, 4, 3163-3170.	3.4	3
94	Chemical Diversity from a Chinese Marine Red Alga, <i>Symphycycladia latiuscula</i> . <i>Marine Drugs</i> , 2017, 15, 374.	4.6	11
95	A Novel, Molybdenum-Containing Methionine Sulfoxide Reductase Supports Survival of <i>Haemophilus influenzae</i> in an In vivo Model of Infection. <i>Frontiers in Microbiology</i> , 2016, 7, 1743.	3.5	29
96	Validating Eaton's Hypothesis: Cubane as a Benzene Bioisostere. <i>Angewandte Chemie</i> , 2016, 128, 3644-3649.	2.0	34
97	Validating Eaton's Hypothesis: Cubane as a Benzene Bioisostere. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3580-3585.	13.8	126
98	Effects of mutations in active site heme ligands on the spectroscopic and catalytic properties of SoxAX cytochromes. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 309-318.	3.5	1
99	Frontispiece: Validating Eaton's Hypothesis: Cubane as a Benzene Bioisostere. <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	13.8	1
100	Frontispiz: Validating Eaton's Hypothesis: Cubane as a Benzene Bioisostere. <i>Angewandte Chemie</i> , 2016, 128, .	2.0	0
101	Synthesis, characterization and biological activities of semicarbazones and their copper complexes. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 295-308.	3.5	22
102	Zinc(II)â€“Thiosemicarbazone Complexes Are Localized to the Lysosomal Compartment Where They Transmetallate with Copper Ions to Induce Cytotoxicity. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4965-4984.	6.4	148
103	Direct electrochemistry of nitrate reductase from the fungus <i>Neurospora crassa</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1506-1513.	1.0	19
104	Heteronuclear NMR Spectroscopic Investigations of Gallium Complexes of Substituted Thiosemicarbazones Including X-Ray Crystal Structure, a New Halogen Exchange Strategy, and ^{18}F Radiolabelling. <i>Australian Journal of Chemistry</i> , 2016, 69, 1033.	0.9	7
105	Identification, Synthesis, and Biological Evaluation of the Major Human Metabolite of NLRP3 Inflammasome Inhibitor MCC950. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 1034-1038.	2.8	32
106	Synthesis, structures and spectroscopic properties of some tin(IV) complexes of the 2-acetylpyrazine Schiff bases of S-methyl- and S-benzylidithiocarbazates. <i>Inorganica Chimica Acta</i> , 2016, 453, 742-750.	2.4	28
107	A Kinetico-Mechanistic Study on Cu^{II} Deactivators Employed in Atom Transfer Radical Polymerization. <i>Inorganic Chemistry</i> , 2016, 55, 9848-9857.	4.0	12

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109	The Heme-Based Oxygen Sensor Rhizobium etli FixL: Influence of Auxiliary Ligands on Heme Redox Potential and Implications on the Enzyme Activity. Journal of Inorganic Biochemistry, 2016, 164, 34-41.	3.5	10
110	Structure–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
111	Fungal Biotransformation of Tetracycline Antibiotics. Journal of Organic Chemistry, 2016, 81, 6186-6194.	3.2	29
112	N-Oxides rescue Ru(η^5) in catalytic Griffith–Ley (TPAP) alcohol oxidations. Chemical Communications, 2016, 52, 10301-10304.	4.1	13
113	Redox dependent metabolic shift in Clostridium autoethanogenum by extracellular electron supply. Biotechnology for Biofuels, 2016, 9, 249.	6.2	65
114	Low Potential Catalytic Voltammetry of Human Sulfite Oxidase. Electrochimica Acta, 2016, 199, 280-289.	5.2	7
115	Anoxic metabolism and biochemical production in Pseudomonas putida F1 driven by a bioelectrochemical system. Biotechnology for Biofuels, 2016, 9, 39.	6.2	82
116	Organic–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
117	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
118	SET-LRP of NIPAM in water via in situ reduction of Cu(η^2) to Cu(0) with NaBH ₄ . Polymer Chemistry, 2016, 7, 933-939.	3.9	46
119	Kinetico-mechanistic studies on methemoglobin generation by biologically active thiosemicarbazone iron(III) complexes. Journal of Inorganic Biochemistry, 2016, 162, 326-333.	3.5	20
120	Engineering PQQ-glucose dehydrogenase into an allosteric electrochemical Ca ²⁺ sensor. Chemical Communications, 2016, 52, 485-488.	4.1	39
121	Heteronuclear NMR spectroscopic investigations of hydrogen bonding in 2-(benzo[d]thiazole-2-yl)-N-alkylanilines. Magnetic Resonance in Chemistry, 2015, 53, 448-453.	1.9	6
122	The Interaction between Remote Chiral Centres: A Pseudoracemic Example. Australian Journal of Chemistry, 2015, 68, 648.	0.9	1
123	Electrochemically mediated enantioselective reduction of chiral sulfoxides. Journal of Biological Inorganic Chemistry, 2015, 20, 395-402.	2.6	6
124	Electrocatalytic Hydrocarbon Hydroxylation by Ethylbenzene Dehydrogenase from Aromatoleum aromaticum. Journal of Physical Chemistry B, 2015, 119, 3456-3463.	2.6	16
125	A sensitive and stable amperometric nitrate biosensor employing Arabidopsis thaliana nitrate reductase. Journal of Biological Inorganic Chemistry, 2015, 20, 385-393.	2.6	20
126	Molybdenum and tungsten enzymes: from biology to chemistry and back. Journal of Biological Inorganic Chemistry, 2015, 20, 181-182.	2.6	6

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127	An Approach to More Accurate Model Systems for Purple Acid Phosphatases (PAPs). <i>Inorganic Chemistry</i> , 2015, 54, 7249-7263.	4.0	38
128	Biosynthetic insights provided by unusual sesterterpenes from the medicinal herb <i>Aletris farinosa</i> . <i>Chemical Science</i> , 2015, 6, 5740-5745.	7.4	10
129	New PKS-NRPS tetramic acids and pyridinone from an Australian marine-derived fungus, <i>Chaunopycnis</i> sp.. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7795-7802.	2.8	47
130	Antimalarial Isocyano and Isothiocyanato Sesquiterpenes with Tri- and Bicyclic Skeletons from the Nudibranch <i>Phyllidia ocellata</i> . <i>Journal of Natural Products</i> , 2015, 78, 1422-1427.	3.0	26
131	Synthesis and characterization of three amino-functionalized metal-organic frameworks based on the 2-aminoterephthalic ligand. <i>Dalton Transactions</i> , 2015, 44, 8190-8197.	3.3	72
132	Viridicatumtoxins: Expanding on a Rare Tetracycline Antibiotic Scaffold. <i>Journal of Organic Chemistry</i> , 2015, 80, 12501-12508.	3.2	24
133	Structural basis of interprotein electron transfer in bacterial sulfite oxidation. <i>ELife</i> , 2015, 4, e09066.	6.0	19
134	Acanthocyclamine A From the Indonesian Marine Sponge <i>Acanthostrongylophora ingens</i> . <i>Australian Journal of Chemistry</i> , 2014, 67, 1205.	0.9	7
135	The tachykinin peptide neurokinin B binds copper(I) and silver(I) and undergoes quasi-reversible electrochemistry: Towards a new function for the peptide in the brain. <i>Neurochemistry International</i> , 2014, 70, 1-9.	3.8	15
136	Electrochemically driven catalysis of <i>Rhizobium</i> sp. NT-26 arsenite oxidase with its native electron acceptor cytochrome c552. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 112-120.	1.0	34
137	Kinetic studies on the oxidation of oxyhemoglobin by biologically active iron thiosemicarbazone complexes: relevance to iron-chelator-induced methemoglobinemia. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 349-357.	2.6	11
138	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-benzylidithiocarbazates. <i>Polyhedron</i> , 2014, 74, 16-23.	2.2	33
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316	The preparation and characterization of tin(IV) complexes of 2-quinolinecarboxaldehyde Schiff bases of S-methyl- and S-benzylidithiocarbazates and the X-ray crystal and molecular structures of the 2-quinolinecarboxaldehyde Schiff base of S-benzylidithiocarbazate (Hqaldsbz) and its tin(IV) complex [Sn(qaldsbz)I ₃]. <i>Polyhedron</i> , 2004, 23, 2405-2412.	2.2	24
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