

Paul V Bernhardt

List of Publications by Year in descending order

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453
papers

12,315
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44444

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483
all docs

483
docs citations

483
times ranked

12337
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.	0.5	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.	5.5	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, , .	1.5	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.	2.4	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.	1.1	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.	1.9	6
7	Dihydroxyâ€“Acid Dehydratases From Pathogenic Bacteria: Emerging Drug Targets to Combat Antibiotic Resistance. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	5
8	Minimizing the Reorganization Energy of Cobalt Redox Mediators Maximizes Charge Transfer Rates from Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2022, , .	7.2	2
9	Catalytic electrochemistry of the bacterial Molybdoenzyme YcbX. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148579.	0.5	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.	1.7	4
11	Clenthmycins 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.	1.5	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.	3.2	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.	1.6	7
14	Copper Complexes of Benzoylacetone Bis-Thiosemicarbazones: Metal and Ligand Based Redox Reactivity. <i>Australian Journal of Chemistry</i> , 2021, 74, 34.	0.5	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.	1.6	7
16	Tandem Oxidation-Dehydrogenation of (Hetero)Arylated Primary Alcohols via Perruthenate Catalysis. <i>Australian Journal of Chemistry</i> , 2021, , .	0.5	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.	1.5	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.	1.5	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.	5.5	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.	0.5	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.	0.9	2
22	Electrochemical Exploration of Active Cu-Based Atom Transfer Radical Polymerization Catalysis through Ligand Modification. <i>Inorganic Chemistry</i> , 2021, 60, 9709-9719.	1.9	16
23	Mapping the Pathway to Organocopper(II) Complexes Relevant to Atom Transfer Radical Polymerization. <i>Inorganic Chemistry</i> , 2021, 60, 10648-10655.	1.9	5
24	Does H_3O^+ Really Act as a Ligand in the Solid State?. <i>Inorganic Chemistry</i> , 2021, 60, 13071-13079.	1.9	1
25	Synthesis, isolation and characterisation of fluorinated benzimidazoquinoline regioisomers. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 1154-1159.	1.1	0
26	A highly sensitive and stable electrochemical nitrate biosensor. <i>Electrochimica Acta</i> , 2021, 386, 138480.	2.6	10
27	Temperature and Counterion Dependent Spin Crossover in a Hexamineiron(II) Complex. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3938-3949.	1.0	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.	9.5	14
29	Activation of PKC supports the anticancer activity of tigilanol tiglate and related epoxytiglanes. <i>Scientific Reports</i> , 2021, 11, 207.	1.6	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.	1.0	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.	1.9	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.	0.5	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.	3.6	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.	1.5	16
35	Biophysical Techniques for Distinguishing Ligand Binding Modes in Cytochrome P450 Monooxygenases. <i>Biochemistry</i> , 2020, 59, 1038-1050.	1.2	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.	1.5	17

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37	Humulene Diepoxides from the Australian Arid Zone Herb <i>Dysphania</i> : Assignment of Aged Hops Constituents. <i>Chemistry - A European Journal</i> , 2020, 26, 1653-1660.	1.7	3
38	Kalparinol, a Salviolane (Isodaucane) Sesquiterpenoid Derived from Native Australian <i>Dysphania</i> Species That Suggests a Putative Biogenetic Link to Zerumbone. <i>Journal of Natural Products</i> , 2020, 83, 1473-1479.	1.5	5
39	Synthetic Tigliane Intermediates Engage Thiols to Induce Potent Cell Line Selective Anti-Cancer Activity. <i>Chemistry - A European Journal</i> , 2020, 26, 13372-13377.	1.7	3
40	Crystal structure of 6-azido-6-deoxy-1,2-O-isopropylidene- β -D-glucofuranose. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1653-1656.	0.2	0
41	Hydrogen Bonding Interactions in the Ley-Griffith Oxidation: Practical Considerations for the Synthetic Chemist. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 303-308.	1.2	6
42	Scopularides Revisited: Molecular Networking Guided Exploration of Lipodepsipeptides in Australian Marine Fish Gastrointestinal Tract-Derived Fungi. <i>Marine Drugs</i> , 2019, 17, 475.	2.2	20
43	Phenethylammonium bismuth halides: from single crystals to bulky-organic cation promoted thin-film deposition for potential optoelectronic applications. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20733-20741.	5.2	38
44	Contemplating 1,2,4-Thiadiazole-Inspired Cyclic Peptide Mimics: A Computational Investigation. <i>Australian Journal of Chemistry</i> , 2019, 72, 894.	0.5	2
45	Trivalent copper stabilised by acetylacetonate dithiocarbamate Schiff base ligands: structural, spectroscopic and electrochemical properties. <i>Dalton Transactions</i> , 2019, 48, 15501-15514.	1.6	11
46	A spectroelectrochemical investigation of the heme-based sensor DevS from <i>Mycobacterium tuberculosis</i> : a redox versus oxygen sensor. <i>FEBS Journal</i> , 2019, 286, 4278-4293.	2.2	11
47	En Route to D-Ring Inverted Phorbol Esters. <i>Organic Letters</i> , 2019, 21, 8761-8764.	2.4	12
48	A Novel Long-Range n to π^* Interaction Secures the Smallest known β -Helix in Water. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18873-18877.	7.2	23
49	Computer Modelling and Synthesis of Deoxy and Monohydroxy Analogues of a Ribitylaminouracil Bacterial Metabolite that Potently Activates Human T Cells. <i>Chemistry - A European Journal</i> , 2019, 25, 15594-15608.	1.7	14
50	Antibacterial 5 β -Spirosterane Saponins from the Fruit of <i>Cordyline manners-suttoniae</i> . <i>Journal of Natural Products</i> , 2019, 82, 2809-2817.	1.5	5
51	Ascorbyl and hydroxyl radical generation mediated by a copper complex adsorbed on gold. <i>Dalton Transactions</i> , 2019, 48, 14128-14137.	1.6	11
52	Basimarols A, B, and C, Highly Oxygenated Pimarane Diterpenoids from <i>Basilicum polystachyon</i> . <i>Journal of Natural Products</i> , 2019, 82, 2828-2834.	1.5	13
53	Chrysosporazines A-E: P-Glycoprotein Inhibitory Piperazines from an Australian Marine Fish Gastrointestinal Tract-Derived Fungus, <i>Chrysosporium</i> sp. CMB-F214. <i>Organic Letters</i> , 2019, 21, 8097-8100.	2.4	18
54	Cyclooctatetraenes through Valence Isomerization of Cubanes: Scope and Limitations. <i>Chemistry - A European Journal</i> , 2019, 25, 2735-2739.	1.7	18

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55	Cyclooctatetraene: A Bioactive Cubane Paradigm Complement. <i>Chemistry - A European Journal</i> , 2019, 25, 2729-2734.	1.7	24
56	The cubane paradigm in bioactive molecule discovery: further scope, limitations and the cyclooctatetraene complement. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6790-6798.	1.5	49
57	Synthesis and Characterisation of Indium(III) Bis-Thiosemicarbazone Complexes: ¹⁸ F Incorporation for PET Imaging. <i>Australian Journal of Chemistry</i> , 2019, 72, 383.	0.5	5
58	Synthesis of ¹⁸ F radiolabeled diphenyl gallium dithiosemicarbazone using a novel halogen exchange method and in vivo biodistribution. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019, 62, 321-331.	0.5	1
59	Electrocatalysis of a Europium-Dependent Bacterial Methanol Dehydrogenase with Its Physiological Electron-Acceptor Cytochrome <i>c</i> _{GJ} . <i>Chemistry - A European Journal</i> , 2019, 25, 8760-8768.	1.7	13
60	The fate of copper catalysts in atom transfer radical chemistry. <i>Polymer Chemistry</i> , 2019, 10, 1460-1470.	1.9	19
61	Element 27 – Cobalt. <i>Australian Journal of Chemistry</i> , 2019, 72, 241.	0.5	1
62	Proton-assisted air oxidation mechanisms of iron(ii) bis-thiosemicarbazone complexes at physiological pH: a kinetic-mechanistic study. <i>Dalton Transactions</i> , 2019, 48, 16578-16587.	1.6	4
63	A Novel Long-Range n to π^* Interaction Secures the Smallest known β -Helix in Water. <i>Angewandte Chemie</i> , 2019, 131, 19049-19053.	1.6	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. <i>Journal of Chemical Crystallography</i> , 2019, 49, 131-138.	0.5	1
65	ATP3 and MTP3: Easily Prepared Stable Perruthenate Salts for Oxidation Applications in Synthesis. <i>Chemistry - A European Journal</i> , 2018, 24, 4556-4561.	1.7	18
66	Electrocatalytic Hydroxylation of Sterols by Steroid C25 Dehydrogenase from <i>Sterolibacterium denitrificans</i> . <i>Chemistry - A European Journal</i> , 2018, 24, 7710-7717.	1.7	3
67	Isomerism and reactivity of nickel(ii) acetylacetonate bis(thiosemicarbazone) complexes. <i>Dalton Transactions</i> , 2018, 47, 2018-2030.	1.6	20
68	Spin Crossover in a Hexamineiron(II) Complex: Experimental Confirmation of a Computational Prediction. <i>Chemistry - A European Journal</i> , 2018, 24, 5082-5085.	1.7	11
69	Heteroatom-Interchanged Isomers of Lissoclinamide 5: Copper(II) Complexation, Halide Binding, and Biological Activity. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1465-1476.	1.2	8
70	Novel chelators based on adamantane-derived semicarbazones and hydrazones that target multiple hallmarks of Alzheimer's disease. <i>Dalton Transactions</i> , 2018, 47, 7190-7205.	1.6	30
71	The central active site arginine in sulfite oxidizing enzymes alters kinetic properties by controlling electron transfer and redox interactions. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 19-27.	0.5	7
72	Redox-coupled structural changes in copper chemistry: Implications for atom transfer catalysis. <i>Coordination Chemistry Reviews</i> , 2018, 375, 173-190.	9.5	31

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73	Formation and Reactivity of Copper Acetylacetonone Bis(Thiosemicarbazone) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4731-4741.	1.0	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. <i>Journal of Chemical Crystallography</i> , 2018, 48, 91-95.	0.5	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. <i>Australian Journal of Chemistry</i> , 2018, 71, 81.	0.5	6
76	Kineticomechanistic Study of the Redox pH Cycling Processes Occurring on a Robust Water-Soluble Cyanido-Bridged Mixed-Valence {Co(II)/Fe(II)} ₂ Square. <i>Inorganic Chemistry</i> , 2018, 57, 8465-8475.	1.9	8
77	Cobalt cage complexes as mediators of protein electron transfer. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 775-788.	1.1	10
78	Hydroxyl Radicals via Collision-Induced Dissociation of Trimethylammonium Benzyl Alcohols. <i>Australian Journal of Chemistry</i> , 2017, 70, 397.	0.5	5
79	Towards the Total Synthesis of Gedunin: Construction of the Fully Elaborated ABC...Ring System. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 583-597.	1.3	6
80	Inhibition of tyrosinase by 4 H α -chromene analogs: Synthesis, kinetic studies, and computational analysis. <i>Chemical Biology and Drug Design</i> , 2017, 90, 804-810.	1.5	15
81	Organo-Copper(II) Complexes as Products of Radical Atom Transfer. <i>Inorganic Chemistry</i> , 2017, 56, 5784-5792.	1.9	54
82	Asymmetric Sequential Cu ^{II} -Catalyzed 1,6/1,4-Conjugate Additions of Hard Nucleophiles to Cyclic Dienones: Determination of Absolute Configurations and Origins of Enantioselectivity. <i>Chemistry - A European Journal</i> , 2017, 23, 7515-7525.	1.7	13
83	Synthesis and X-ray Crystal Structure of 2 and 4-Trifluoromethyl Substituted Phenyl Semicarbazone and Thiosemicarbazone. <i>Journal of Chemical Crystallography</i> , 2017, 47, 30-39.	0.5	2
84	Gaining Synthetic Appreciation for the Gedunin ABC Ring System. <i>Chemistry - A European Journal</i> , 2017, 23, 2282-2285.	1.7	10
85	Mediated Catalytic Voltammetry of Holo and Heme-Free Human Sulfite Oxidases. <i>ChemElectroChem</i> , 2017, 4, 947-956.	1.7	7
86	A Nanoporous Cytochrome <i>c</i> Film with Highly Ordered Porous Structure for Sensing of Toxic Vapors. <i>Advanced Materials</i> , 2017, 29, 1702295.	11.1	23
87	Human mitochondrial amidoxime reducing component (mARC): An electrochemical method for identifying new substrates and inhibitors. <i>Electrochemistry Communications</i> , 2017, 84, 90-93.	2.3	12
88	Elucidating the mechanism of the Ley-Griffith (TPAP) alcohol oxidation. <i>Chemical Science</i> , 2017, 8, 8435-8442.	3.7	18
89	Chitosan-Promoted Direct Electrochemistry of Human Sulfite Oxidase. <i>Journal of Physical Chemistry B</i> , 2017, 121, 9149-9159.	1.2	14
90	Predicting and experimental evaluating bio-electrochemical synthesis – A case study with <i>Clostridium kluyveri</i> . <i>Bioelectrochemistry</i> , 2017, 118, 114-122.	2.4	21

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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.	2.6	64
92	Kinetico-mechanistic Study on the Oxidation of Biologically Active Iron(II) Bis(thiosemicarbazone) Complexes by Air. Importance of NH ₂ -O ₂ Interactions As Established by Activation Volumes. <i>Inorganic Chemistry</i> , 2017, 56, 14284-14290.	1.9	11
93	Bioelectrocatalysis of Sulfite Dehydrogenase from <i>Sinorhizobium meliloti</i> with Its Physiological Cytochrome Electron Partner. <i>ChemElectroChem</i> , 2017, 4, 3163-3170.	1.7	3
94	Chemical Diversity from a Chinese Marine Red Alga, <i>Symphyclocladia latiuscula</i> . <i>Marine Drugs</i> , 2017, 15, 374.	2.2	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.	1.5	29
96	Validating Eaton's Hypothesis: Cubane as a Benzene Bioisostere. <i>Angewandte Chemie</i> , 2016, 128, 3644-3649.	1.6	34
97	Validating Eaton's Hypothesis: Cubane as a Benzene Bioisostere. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3580-3585.	7.2	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.	1.5	1
99	Frontispiece: Validating Eaton's Hypothesis: Cubane as a Benzene Bioisostere. <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	7.2	1
100	Frontispiz: Validating Eaton's Hypothesis: Cubane as a Benzene Bioisostere. <i>Angewandte Chemie</i> , 2016, 128, .	1.6	0
101	Synthesis, characterization and biological activities of semicarbazones and their copper complexes. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 295-308.	1.5	22
102	Zinc(II) 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.	2.9	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.	0.5	19
104	Heteronuclear NMR Spectroscopic Investigations of Gallium Complexes of Substituted Thiosemicarbazones Including X-Ray Crystal Structure, a New Halogen Exchange Strategy, and 18F Radiolabelling. <i>Australian Journal of Chemistry</i> , 2016, 69, 1033.	0.5	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.	1.3	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.	1.2	28
107	A Kinetico-Mechanistic Study on Cu ^{II} Deactivators Employed in Atom Transfer Radical Polymerization. <i>Inorganic Chemistry</i> , 2016, 55, 9848-9857.	1.9	12
108	Rhodium-Catalyzed [4+3] Cycloaddition to Furans: Direct Access to Functionalized Bicyclo[5.3.0]decane Derivatives. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 41-44.	1.2	11

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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. <i>Journal of Inorganic Biochemistry</i> , 2016, 164, 34-41.	1.5	10
110	Structure-Activity Relationships of Di-2-pyridylketone, 2-Benzoylpyridine, and 2-Acetylpyridine Thiosemicarbazones for Overcoming Pgp-Mediated Drug Resistance. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8601-8620.	2.9	82
111	Fungal Biotransformation of Tetracycline Antibiotics. <i>Journal of Organic Chemistry</i> , 2016, 81, 6186-6194.	1.7	29
112	N-Oxides rescue Ru(ν) in catalytic Griffith-Ley (TPAP) alcohol oxidations. <i>Chemical Communications</i> , 2016, 52, 10301-10304.	2.2	13
113	Redox dependent metabolic shift in <i>Clostridium autoethanogenum</i> by extracellular electron supply. <i>Biotechnology for Biofuels</i> , 2016, 9, 249.	6.2	65
114	Low Potential Catalytic Voltammetry of Human Sulfite Oxidase. <i>Electrochimica Acta</i> , 2016, 199, 280-289.	2.6	7
115	Anoxic metabolism and biochemical production in <i>Pseudomonas putida</i> F1 driven by a bioelectrochemical system. <i>Biotechnology for Biofuels</i> , 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. <i>Nano Research</i> , 2016, 9, 692-702.	5.8	351
117	Novel Mechanism of Cytotoxicity for the Selective Selenosemicarbazone, 2-Acetylpyridine 4,4-Dimethyl-3-selenosemicarbazone (Ap44mSe): Lysosomal Membrane Permeabilization. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 294-312.	2.9	39
118	SET-LRP of NIPAM in water via in situ reduction of Cu(II) to Cu(0) with NaBH ₄ . <i>Polymer Chemistry</i> , 2016, 7, 933-939.	1.9	46
119	Kinetic-mechanistic studies on methemoglobin generation by biologically active thiosemicarbazone iron(III) complexes. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 326-333.	1.5	20
120	Engineering PQQ-glucose dehydrogenase into an allosteric electrochemical Ca ²⁺ sensor. <i>Chemical Communications</i> , 2016, 52, 485-488.	2.2	39
121	Heteronuclear NMR spectroscopic investigations of hydrogen bonding in 2-(benzo[d]thiazole-2-yl)-N-alkylanilines. <i>Magnetic Resonance in Chemistry</i> , 2015, 53, 448-453.	1.1	6
122	The Interaction between Remote Chiral Centres: A Pseudoracemic Example. <i>Australian Journal of Chemistry</i> , 2015, 68, 648.	0.5	1
123	Electrochemically mediated enantioselective reduction of chiral sulfoxides. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 395-402.	1.1	6
124	Electrocatalytic Hydrocarbon Hydroxylation by Ethylbenzene Dehydrogenase from <i>Aromatoleum aromaticum</i> . <i>Journal of Physical Chemistry B</i> , 2015, 119, 3456-3463.	1.2	16
125	A sensitive and stable amperometric nitrate biosensor employing <i>Arabidopsis thaliana</i> nitrate reductase. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 385-393.	1.1	20
126	Molybdenum and tungsten enzymes: from biology to chemistry and back. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 181-182.	1.1	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.	1.9	38
128	Biosynthetic insights provided by unusual sesterterpenes from the medicinal herb <i>Aletris farinosa</i> . <i>Chemical Science</i> , 2015, 6, 5740-5745.	3.7	10
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