Weixue Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8422076/publications.pdf

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22	701	623734	610901
papers	citations	14 h-index	24 g-index

26	26	26	614
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioorganometallic mechanism of action, and inhibition, of IspH. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4522-4527.	7.1	86
2	Coupling Oxygen Consumption with Hydrocarbon Oxidation in Bacterial Multicomponent Monooxygenases. Accounts of Chemical Research, 2015, 48, 2632-2639.	15.6	68
3	Organometallic mechanism of action and inhibition of the 4Fe-4S isoprenoid biosynthesis protein GcpE (IspG). Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11189-11193.	7.1	66
4	Inhibition of the Fe₄S₄-Cluster-Containing Protein IspH (LytB): Electron Paramagnetic Resonance, Metallacycles, and Mechanisms. Journal of the American Chemical Society, 2010, 132, 6719-6727.	13.7	61
5	Bioorganometallic Chemistry with IspG and IspH: Structure, Function, and Inhibition of the [Fe₄S₄] Proteins Involved in Isoprenoid Biosynthesis. Angewandte Chemie - International Edition, 2014, 53, 4294-4310.	13.8	50
6	Are Free Radicals Involved in IspH Catalysis? An EPR and Crystallographic Investigation. Journal of the American Chemical Society, 2012, 134, 11225-11234.	13.7	45
7	Diiron Oxidation State Control of Substrate Access to the Active Site of Soluble Methane Monooxygenase Mediated by the Regulatory Component. Journal of the American Chemical Society, 2014, 136, 2244-2247.	13.7	39
8	Pyridine Inhibitor Binding to the 4Fe-4S ProteinA. aeolicusIspH (LytB): A HYSCORE Investigation. Journal of the American Chemical Society, 2011, 133, 6525-6528.	13.7	35
9	Electron Transfer Control in Soluble Methane Monooxygenase. Journal of the American Chemical Society, 2014, 136, 9754-9762.	13.7	35
10	Discovery of acetylene hydratase activity of the ironâ€“sulphur protein IspH. Nature Communications, 2012, 3, 1042.	12.8	34
11	An ENDOR and HYSCORE Investigation of a Reaction Intermediate in IspG (GcpE) Catalysis. Journal of the American Chemical Society, 2011, 133, 8400-8403.	13.7	33
12	Structure, function and inhibition of the two- and three-domain 4Fe-4S IspG proteins. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8558-8563.	7.1	29
13	Structures of Fluoro, Amino, and Thiol Inhibitors Bound to the [Fe₄S₄] Protein IspH. Angewandte Chemie - International Edition, 2013, 52, 2118-2121.	13.8	25
14	Mechanistic studies of the anticancer activity of an octahedral hexanuclear Pt(II) cage. Inorganica Chimica Acta, 2016, 452, 125-129.	2.4	25
15	Inhibition of the 4Feâ€“4S proteins IspG and IspH: an EPR, ENDOR and HYSCORE investigation. Chemical Science, 2014, 5, 1642-1649.	7.4	14
16	Spectroscopic and Computational Investigations of Ligand Binding to IspH: Discovery of Nonâ€diphosphate Inhibitors. ChemBioChem, 2017, 18, 914-920.	2.6	10
17	Discovery of an Allosteric, Inactive Conformation-Selective Inhibitor of Full-Length HPK1 Utilizing a Kinase Cascade Assay. Biochemistry, 2021, 60, 3114-3124.	2.5	9
18	Discovery of a Potent and Selective Covalent Inhibitor of Brutonâ€™s Tyrosine Kinase with Oral Anti-Inflammatory Activity. ACS Medicinal Chemistry Letters, 2021, 12, 782-790.	2.8	8

#	Article	IF	Citations
19	Discovery of Inactive Conformation-Selective Kinase Inhibitors by Utilizing Cascade Assays. Biochemistry, 2017, 56, 4449-4456.	2.5	8
20	Hit-to-lead optimization and discovery of a potent, and orally bioavailable G protein coupled receptor kinase 2 (GRK2) inhibitor. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127602.	2.2	5
21	Identification of Two Non-Peptidergic Small Molecule Inhibitors of CBX2 Binding to K27 Trimethylated Oligonucleosomes. SLAS Discovery, 2022, 27, 306-313.	2.7	3
22	A carboxylic acid isostere screen of the DHODH inhibitor Brequinar. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127589.	2.2	2