

# Weixue Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

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citations

623734

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docs citations

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times ranked

614  
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#	ARTICLE	IF	CITATIONS
1	Identification of Two Non-Peptidergic Small Molecule Inhibitors of CBX2 Binding to K27 Trimethylated Oligonucleosomes. <i>SLAS Discovery</i> , 2022, 27, 306-313.	2.7	3
2	Discovery of a Potent and Selective Covalent Inhibitor of Bruton's Tyrosine Kinase with Oral Anti-Inflammatory Activity. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 782-790.	2.8	8
3	Discovery of an Allosteric, Inactive Conformation-Selective Inhibitor of Full-Length HPK1 Utilizing a Kinase Cascade Assay. <i>Biochemistry</i> , 2021, 60, 3114-3124.	2.5	9
4	Hit-to-lead optimization and discovery of a potent, and orally bioavailable G protein coupled receptor kinase 2 (GRK2) inhibitor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127602.	2.2	5
5	A carboxylic acid isostere screen of the DHODH inhibitor Brequinar. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127589.	2.2	2
6	Spectroscopic and Computational Investigations of Ligand Binding to IspH: Discovery of Non-phosphate Inhibitors. <i>ChemBioChem</i> , 2017, 18, 914-920.	2.6	10
7	Discovery of Inactive Conformation-Selective Kinase Inhibitors by Utilizing Cascade Assays. <i>Biochemistry</i> , 2017, 56, 4449-4456.	2.5	8
8	Mechanistic studies of the anticancer activity of an octahedral hexanuclear Pt(II) cage. <i>Inorganica Chimica Acta</i> , 2016, 452, 125-129.	2.4	25
9	Coupling Oxygen Consumption with Hydrocarbon Oxidation in Bacterial Multicomponent Monooxygenases. <i>Accounts of Chemical Research</i> , 2015, 48, 2632-2639.	15.6	68
10	Bioorganometallic Chemistry with IspG and IspH: Structure, Function, and Inhibition of the [Fe <sub>4</sub> S <sub>4</sub> ] Proteins Involved in Isoprenoid Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4294-4310.	13.8	50
11	Diiron Oxidation State Control of Substrate Access to the Active Site of Soluble Methane Monooxygenase Mediated by the Regulatory Component. <i>Journal of the American Chemical Society</i> , 2014, 136, 2244-2247.	13.7	39
12	Inhibition of the 4Fe-4S proteins IspG and IspH: an EPR, ENDOR and HYSCORE investigation. <i>Chemical Science</i> , 2014, 5, 1642-1649.	7.4	14
13	Electron Transfer Control in Soluble Methane Monooxygenase. <i>Journal of the American Chemical Society</i> , 2014, 136, 9754-9762.	13.7	35
14	Structures of Fluoro, Amino, and Thiol Inhibitors Bound to the [Fe <sub>4</sub> S <sub>4</sub> ] Protein IspH. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2118-2121.	13.8	25
15	Structure, function and inhibition of the two- and three-domain 4Fe-4S IspG proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8558-8563.	7.1	29
16	Discovery of acetylene hydratase activity of the iron-sulphur protein IspH. <i>Nature Communications</i> , 2012, 3, 1042.	12.8	34
17	Are Free Radicals Involved in IspH Catalysis? An EPR and Crystallographic Investigation. <i>Journal of the American Chemical Society</i> , 2012, 134, 11225-11234.	13.7	45
18	Pyridine Inhibitor Binding to the 4Fe-4S Protein A. aeolicus IspH (LytB): A HYSCORE Investigation. <i>Journal of the American Chemical Society</i> , 2011, 133, 6525-6528.	13.7	35

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19	An ENDOR and HYSCORE Investigation of a Reaction Intermediate in IspG (GcpE) Catalysis. <i>Journal of the American Chemical Society</i> , 2011, 133, 8400-8403.	13.7	33
20	Organometallic mechanism of action and inhibition of the 4Fe-4S isoprenoid biosynthesis protein GcpE (IspG). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11189-11193.	7.1	66
21	Bioorganometallic mechanism of action, and inhibition, of IspH. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4522-4527.	7.1	86
22	Inhibition of the Fe <sub>4</sub> S <sub>4</sub> -Cluster-Containing Protein IspH (LytB): Electron Paramagnetic Resonance, Metallacycles, and Mechanisms. <i>Journal of the American Chemical Society</i> , 2010, 132, 6719-6727.	13.7	61