

# Wen Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,646  
citations

394421

19  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2377  
citing authors

#	ARTICLE	IF	CITATIONS
1	Necroptosis in health and diseases. <i>Seminars in Cell and Developmental Biology</i> , 2014, 35, 14-23.	5.0	338
2	Structure of the Human cGAS-DNA Complex Reveals Enhanced Control of Immune Surveillance. <i>Cell</i> , 2018, 174, 300-311.e11.	28.9	244
3	Phosphoinositide Interactions Position cGAS at the Plasma Membrane to Ensure Efficient Distinction between Self- and Viral DNA. <i>Cell</i> , 2019, 176, 1432-1446.e11.	28.9	171
4	cGAS-like receptors sense RNA and control 3 $\alpha$ - $\alpha$ -cGAMP signalling in <i>Drosophila</i> . <i>Nature</i> , 2021, 597, 109-113.	27.8	104
5	cGAS phase separation inhibits TREX1-mediated DNA degradation and enhances cytosolic DNA sensing. <i>Molecular Cell</i> , 2021, 81, 739-755.e7.	9.7	98
6	Aromatic Methoxylation and Hydroxylation by Organometallic High-Valent Nickel Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 7604-7607.	13.7	75
7	Catalytic Hydrosilylation of Ketones Using a Co/Zr Heterobimetallic Complex: Evidence for an Unusual Mechanism Involving Ketyl Radicals. <i>Organometallics</i> , 2013, 32, 1766-1772.	2.3	73
8	A Catalytic Application of Co/Zr Heterobimetallic Complexes: Kumada Coupling of Unactivated Alkyl Halides with Alkyl Grignard Reagents. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2029-2033.	2.0	68
9	Aromatic Cyanoalkylation through Double C-H Activation Mediated by Ni(III). <i>Journal of the American Chemical Society</i> , 2016, 138, 5777-5780.	13.7	64
10	SnapShot: Necroptosis. <i>Cell</i> , 2014, 158, 464-464.e1.	28.9	58
11	DNA Intercalation Facilitates Efficient DNA-Targeted Covalent Binding of Phenanthriplatin. <i>Journal of the American Chemical Society</i> , 2019, 141, 1537-1545.	13.7	56
12	Assays for Necroptosis and Activity of RIP Kinases. <i>Methods in Enzymology</i> , 2014, 545, 1-33.	1.0	46
13	Subtle Differences Between Zr and Hf in Early/Late Heterobimetallic Complexes with Cobalt. <i>Inorganic Chemistry</i> , 2011, 50, 4647-4655.	4.0	45
14	Aneuploidy increases resistance to chemotherapeutics by antagonizing cell division. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30566-30576.	7.1	43
15	Effect of ligand modification on the reactivity of phosphinoamide-bridged heterobimetallic Zr/Co complexes. <i>Dalton Transactions</i> , 2014, 43, 1984-1989.	3.3	29
16	Ligand effects on the properties of Ni(III) complexes: aerobically-induced aromatic cyanation at room temperature. <i>Dalton Transactions</i> , 2016, 45, 15886-15893.	3.3	23
17	The effect of geometric isomerism on the anticancer activity of the monofunctional platinum complex <i>trans</i> -[Pt(NH <sub>3</sub> ) <sub>3</sub> (phenanthridine)Cl]NO <sub>3</sub> . <i>Chemical Communications</i> , 2018, 54, 2788-2791.	4.1	23
18	Oxidatively-induced aromatic cyanation mediated by Ni(III). <i>Dalton Transactions</i> , 2016, 45, 8693-8695.	3.3	22

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19	A Platinum(IV) Prodrug <sup>66</sup> Perfluoroaryl Macrocyclic Peptide Conjugate Enhances Platinum Uptake in the Brain. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6741-6747.	6.4	20
20	Evaluation of serological lateral flow assays for severe acute respiratory syndrome coronavirus-2. <i>BMC Infectious Diseases</i> , 2021, 21, 580.	2.9	20
21	Nitrogen Trapping as a Therapeutic Strategy in Tumors with Mitochondrial Dysfunction. <i>Cancer Research</i> , 2020, 80, 3492-3506.	0.9	8
22	Independent long-term result of robotic thymectomy for myasthenia gravis, a single center experience. <i>Journal of Thoracic Disease</i> , 2018, 10, 321-329.	1.4	7
23	Analysis of human cGAS activity and structure. <i>Methods in Enzymology</i> , 2019, 625, 13-40.	1.0	5
24	Fibroblast Growth Factor 23 Regulation and Acute Kidney Injury. <i>Nephron</i> , 2022, 146, 239-242.	1.8	3
25	Experimental Study on Retroperitoneal Artery Bleeding with Contrast-Enhanced Ultrasound. <i>Journal of Emergency Medicine</i> , 2014, 46, e167-e172.	0.7	2