Zhen-Zhen Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9053114/publications.pdf

Version: 2024-02-01

16	688	687220 13	940416 16
papers	citations	h-index	g-index

17	17	17	826
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anti-solvatochromic and highly emissive twisted Dâ€“A structure with intramolecular hydrogen bond. Materials Chemistry Frontiers, 2022, 6, 512-518.	3.2	4
2	Effect of Aâ€Site Cation Ordering on the Electrical and Magnetic Properties of Manganite Films. Physica Status Solidi (B): Basic Research, 2022, 259, .	0.7	2
3	Engineering catalytic dephosphorylation reaction for endotoxin inactivation. Nano Today, 2022, 44, 101456.	6.2	14
4	Hammett Relationship in Oxidaseâ€Mimicking Metalâ€“Organic Frameworks Revealed through a Proteinâ€Engineeringâ€Inspired Strategy. Advanced Materials, 2021, 33, e2005024.	11.1	85
5	Multifunctional Graphdiyneâ€“Cerium Oxide Nanozymes Facilitate MicroRNA Delivery and Attenuate Tumor Hypoxia for Highly Efficient Radiotherapy of Esophageal Cancer. Advanced Materials, 2021, 33, e2100556.	11.1	119
6	Density Functional Theory Mechanistic Insight into the Peroxidase- and Oxidase-like Activities of Nanoceria. Journal of Physical Chemistry C, 2021, 125, 23098-23104.	1.5	23
7	Accelerated discovery of superoxide-dismutase nanozymes via high-throughput computational screening. Nature Communications, 2021, 12, 6866.	5.8	62
8	Twoâ€Dimensional Tin Selenide (SnSe) Nanosheets Capable of Mimicking Key Dehydrogenases in Cellular Metabolism. Angewandte Chemie - International Edition, 2020, 59, 3618-3623.	7.2	58
9	Twoâ€Dimensional Tin Selenide (SnSe) Nanosheets Capable of Mimicking Key Dehydrogenases in Cellular Metabolism. Angewandte Chemie, 2020, 132, 3647-3652.	1.6	8
10	Simultaneous enzyme mimicking and chemical reduction mechanisms for nanoceria as a bio-antioxidant: a catalytic model bridging computations and experiments for nanozymes. Nanoscale, 2019, 11, 13289-13299.	2.8	100
11	Mechanisms of Antioxidant Activities of Fullerenols from First-Principles Calculation. Journal of Physical Chemistry A, 2018, 122, 8183-8190.	1.1	27
12	A highly sensitive SERS-based platform for Zn(<scp>ii</scp>) detection in cellular media. Chemical Communications, 2017, 53, 1797-1800.	2.2	23
13	Syntheses, Structures and Antioxidant Activities of Fullerenols: Knowledge Learned at the Atomistic Level. Journal of Cluster Science, 2015, 26, 375-388.	1.7	43
14	Oxidation-induced water-solubilization and chemical functionalization of fullerenes C₆₀, Gd@C₆₀and Gd@C₈₂: atomistic insights into the formation mechanisms and structures of fullerenols synthesized by different methods. Nanoscale, 2015, 7, 2914-2925.	2.8	27
15	A precision structural model for fullerenols. Chemical Science, 2014, 5, 2940-2948.	3.7	43
16	SO₃H-functionalized BrÃ¸nsted acidic ionic liquids as efficient catalysts for the synthesis of isoamyl salicylate. RSC Advances, 2014, 4, 1-7.	1.7	50