

Meng Gao

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

634
citations

933447

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1281871

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docs citations

12
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial applications of graphene oxides: structure-activity relationships, molecular initiating events and biosafety. <i>Science Bulletin</i> , 2018, 63, 133-142.	9.0	108
2	Vacancies on 2D transition metal dichalcogenides elicit ferroptotic cell death. <i>Nature Communications</i> , 2020, 11, 3484.	12.8	90
3	Engineered Graphene Oxide Nanocomposite Capable of Preventing the Evolution of Antimicrobial Resistance. <i>ACS Nano</i> , 2019, 13, 11488-11499.	14.6	84
4	Engineering the Protein Corona Structure on Gold Nanoclusters Enables Red-Shifted Emissions in the Second Near-Infrared Window for Gastrointestinal Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22431-22435.	13.8	78
5	Engineering Fe-N Doped Graphene to Mimic Biological Functions of NADPH Oxidase in Cells. <i>Journal of the American Chemical Society</i> , 2020, 142, 19602-19610.	13.7	59
6	Two-Dimensional Tin Selenide (SnSe) Nanosheets Capable of Mimicking Key Dehydrogenases in Cellular Metabolism. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3618-3623.	13.8	58
7	Molecular Mechanisms, Characterization Methods, and Utilities of Nanoparticle Biotransformation in Nanosafety Assessments. <i>Small</i> , 2020, 16, e1907663.	10.0	58
8	Engineering the Protein Corona Structure on Gold Nanoclusters Enables Red-Shifted Emissions in the Second Near-Infrared Window for Gastrointestinal Imaging. <i>Angewandte Chemie</i> , 2020, 132, 22617-22621.	2.0	52
9	Antibiotic-Like Activity of Atomic Layer Boron Nitride for Combating Resistant Bacteria. <i>ACS Nano</i> , 2022, 16, 7674-7688.	14.6	25
10	Biotransformation of rare earth oxide nanoparticles eliciting microbiota imbalance. <i>Particle and Fibre Toxicology</i> , 2021, 18, 17.	6.2	14
11	Two-Dimensional Tin Selenide (SnSe) Nanosheets Capable of Mimicking Key Dehydrogenases in Cellular Metabolism. <i>Angewandte Chemie</i> , 2020, 132, 3647-3652.	2.0	8
12	Editing flagellin derivatives for exploration of potent radioprotective agents. <i>European Journal of Pharmacology</i> , 2021, 907, 174259.	3.5	0