

Xifan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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1040056

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1938
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Trace Impurity Gradients in Noble Metals by the Photothermoelectric Effect. Journal of Physical Chemistry C, 2021, 125, 17509-17517.	3.1	0
2	Thermoelectric response from grain boundaries and lattice distortions in crystalline gold devices. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23350-23355.	7.1	10
3	Carbon nanotubes, graphene, and their derivatives for heavy metal removal. Advanced Composites and Hybrid Materials, 2018, 1, 56-78.	21.1	157
4	Photothermoelectric Detection of Gold Oxide Nonthermal Decomposition. Nano Letters, 2018, 18, 6557-6562.	9.1	7
5	Bacterial Endospores as Phage Genome Carriers and Protective Shells. Applied and Environmental Microbiology, 2018, 84, .	3.1	17
6	A Conductive Nanowireâ€Mesh Biosensor for Ultrasensitive Detection of Serum Câ€Reactive Protein in Melanoma. Advanced Functional Materials, 2018, 28, 1802482.	14.9	34
7	Correlation between types of defects/vacancies of Bi2S3 nanostructures and their transient photocurrent. Nano Research, 2017, 10, 2405-2414.	10.4	8
8	A Nanoparticleâ€Decorated Biomoleculeâ€Responsive Polymer Enables Robust Signaling Cascade for Biosensing. Advanced Materials, 2017, 29, 1702090.	21.0	21
9	Enhanced biofilm penetration for microbial control by polyvalent phages conjugated with magnetic colloidal nanoparticle clusters (CNCs). Environmental Science: Nano, 2017, 4, 1817-1826.	4.3	43
10	Surface Tension Components Based Selection of Cosolvents for Efficient Liquid Phase Exfoliation of 2D Materials. Small, 2016, 12, 2741-2749.	10.0	128
11	Layer Engineering of 2D Semiconductor Junctions. Advanced Materials, 2016, 28, 5126-5132.	21.0	63
12	Surface functionalization of two-dimensional metal chalcogenides by Lewis acidâ€base chemistry. Nature Nanotechnology, 2016, 11, 465-471.	31.5	197