

Yuying Zhang

List of Publications by Year in descending order

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papers

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citations

933447

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citing authors

#	ARTICLE	IF	CITATIONS
1	Palygorskite Immobilized Direct Z-Scheme Nitrogen-Doped Carbon Quantum dots/PrFeO ₃ for Photo-SCR Removal of NO _x . ACS Sustainable Chemistry and Engineering, 2018, 6, 10616-10627.	6.7	33
2	Photocatalytic nitrogen fixation over fluoride/attapulgite nanocomposite: Effect of upconversion and fluorine vacancy. Solar Energy, 2019, 191, 251-262.	6.1	31
3	Rational construction of direct Z-scheme doped perovskite/palygorskite nanocatalyst for photo-SCR removal of NO: Insight into the effect of Ce incorporation. Journal of Catalysis, 2019, 369, 190-200.	6.2	30
4	Upconversion nanocomposite CeO ₂ :Tm ³⁺ /attapulgite intermediated by carbon quantum dots for photocatalytic desulfurization. Powder Technology, 2019, 351, 38-45.	4.2	29
5	Photocatalytic removal of NO by Z-scheme mineral based heterojunction intermediated by carbon quantum dots. Applied Surface Science, 2018, 456, 835-844.	6.1	28
6	Palygorskite supported rare earth fluoride for photocatalytic nitrogen fixation under full spectrum. Applied Clay Science, 2020, 184, 105398.	5.2	28
7	Visible light driven Z-scheme Fe ₂ O ₃ /SmFeO ₃ /palygorskite nanostructure for photo-SCR of NO _x . Journal of the Taiwan Institute of Chemical Engineers, 2018, 89, 119-128.	5.3	20
8	Preparation and wear properties of TiB ₂ /Al ₂ O ₃ /Si composites via in-situ melt reactions under high-energy ultrasonic field. Transactions of Nonferrous Metals Society of China, 2014, 24, 3894-3900.	4.2	19
9	Carbon nanotube (CNT) reinforced 316L stainless steel composites made by laser powder bed fusion: Microstructure and wear response. Wear, 2022, 496-497, 204281.	3.1	18
10	Energy Band Architecture of a Hierarchical ZnO/Au/Cu ₂ O Nanoforest by Mimicking Natural Superhydrophobic Surfaces. ACS Applied Materials & Interfaces, 2019, 11, 40490-40502.	8.0	13
11	Crystallization Retardation of Ultrathin Films of Poly[(R)-3-hydroxybutyrate] and a Random Copolymer Poly[(R)-3-hydroxybutyrate-co-(R)-3-hydroxyhexanoate] on an Aluminum Oxide Surface. Macromolecules, 2019, 52, 7343-7352.	4.8	8
12	Photo-assisted SCR removal of NO by upconversion CeO ₂ /Pr ³⁺ /attapulgite nanocatalyst. Environmental Science and Pollution Research, 2019, 26, 12842-12850.	5.3	8
13	Silver Deposition onto Modified Silicon Substrates. Journal of Physical Chemistry C, 2017, 121, 7240-7247.	3.1	7
14	Epitaxial growth of Bi ₂ Se ₃ in the (0015) orientation on GaAs (001). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, .	2.1	6
15	Mechanical Properties of ϵ -SiC and Correlation to SiC/Si Interface at Nanoscale from Reaction Bonded SiC/Si Composites (RBSC). Applied Composite Materials, 2020, 27, 433-445.	2.5	2
16	Structural Evolution of Reaction Bonded Interfacial Zone of Diamond/SiC. Microscopy and Microanalysis, 2019, 25, 2074-2075.	0.4	1
17	Growth and Thermal Characterization of TbAs Nanoparticles Grown by Inert Gas Condensation. Journal of Electronic Materials, 2020, 49, 566-571.	2.2	1
18	Interface Characteristics of Reaction Bonded Silicon Carbide Composites. Microscopy and Microanalysis, 2018, 24, 2196-2197.	0.4	0

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19	In situ Measurement of Diamond/SiC Interfacial Strength. Microscopy and Microanalysis, 2019, 25, 848-849.	0.4	0