

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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times ranked

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#	ARTICLE	IF	CITATIONS
1	Carbon nanotube (CNT) reinforced 316L stainless steel composites made by laser powder bed fusion: Microstructure and wear response. <i>Wear</i> , 2022, 496-497, 204281.	3.1	18
2	Growth and Thermal Characterization of TbAs Nanoparticles Grown by Inert Gas Condensation. <i>Journal of Electronic Materials</i> , 2020, 49, 566-571.	2.2	1
3	Palygorskite supported rare earth fluoride for photocatalytic nitrogen fixation under full spectrum. <i>Applied Clay Science</i> , 2020, 184, 105398.	5.2	28
4	Mechanical Properties of $\hat{\pm}$ -SiC and Correlation to SiC/Si Interface at Nanoscale from Reaction Bonded SiC/Si Composites (RBSC). <i>Applied Composite Materials</i> , 2020, 27, 433-445.	2.5	2
5	Epitaxial growth of Bi ₂ Se ₃ in the (0015) orientation on GaAs (001). <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, .	2.1	6
6	In situ Measurement of Diamond/SiC Interfacial Strength. <i>Microscopy and Microanalysis</i> , 2019, 25, 848-849.	0.4	0
7	Structural Evolution of Reaction Bonded Interfacial Zone of Diamond/SiC. <i>Microscopy and Microanalysis</i> , 2019, 25, 2074-2075.	0.4	1
8	Energy Band Architecture of a Hierarchical ZnO/Au/Cu_x/i>O Nanoforest by Mimicking Natural Superhydrophobic Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40490-40502.	8.0	13
9	Photocatalytic nitrogen fixation over fluoride/attapulgitite nanocomposite: Effect of upconversion and fluorine vacancy. <i>Solar Energy</i> , 2019, 191, 251-262.	6.1	31
10	Crystallization Retardation of Ultrathin Films of Poly[(<i>R</i>)-3-hydroxybutyrate] and a Random Copolymer Poly[(<i>R</i>)-3-hydroxybutyrate-co-(<i>R</i>)-3-hydroxyhexanoate] on an Aluminum Oxide Surface. <i>Macromolecules</i> , 2019, 52, 7343-7352.	4.8	8
11	Photo-assisted SCR removal of NO by upconversion CeO ₂ /Pr ³⁺ /attapulgitite nanocatalyst. <i>Environmental Science and Pollution Research</i> , 2019, 26, 12842-12850.	5.3	8
12	Upconversion nanocomposite CeO ₂ :Tm ³⁺ /attapulgitite intermediated by carbon quantum dots for photocatalytic desulfurization. <i>Powder Technology</i> , 2019, 351, 38-45.	4.2	29
13	Rational construction of direct Z-scheme doped perovskite/palygorskite nanocatalyst for photo-SCR removal of NO: Insight into the effect of Ce incorporation. <i>Journal of Catalysis</i> , 2019, 369, 190-200.	6.2	30
14	Interface Characteristics of Reaction Bonded Silicon Carbide Composites. <i>Microscopy and Microanalysis</i> , 2018, 24, 2196-2197.	0.4	0
15	Photocatalytic removal of NO by Z-scheme mineral based heterojunction intermediated by carbon quantum dots. <i>Applied Surface Science</i> , 2018, 456, 835-844.	6.1	28
16	Visible light driven Z-scheme Fe ₂ O ₃ /SmFeO ₃ /palygorskite nanostructure for photo-SCR of NO _x . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 89, 119-128.	5.3	20
17	Palygorskite Immobilized Direct Z-Scheme Nitrogen-Doped Carbon Quantum dots/PrFeO ₃ for Photo-SCR Removal of NO_x. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10616-10627.	6.7	33
18	Silver Deposition onto Modified Silicon Substrates. <i>Journal of Physical Chemistry C</i> , 2017, 121, 7240-7247.	3.1	7

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19	Preparation and wear properties of TiB ₂ /Al-30Si 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