

Jianxi Liu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

709
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1094
citing authors

#	ARTICLE	IF	CITATIONS
1	Activating and modulating inert basal planes of BiOX (X=Al, Br, and Cl) for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 1683-1691.	7.1	3
2	Metal-Organic Frameworks-Based Fabry-Pérot Cavity Encapsulated TiO ₂ Nanoparticles for Selective Chemical Sensing. <i>Advanced Functional Materials</i> , 2022, 32, 2109541.	14.9	17
3	Superhydrophobic Composite Coating with Excellent Mechanical Durability. <i>Coatings</i> , 2022, 12, 185.	2.6	7
4	Brush-like Amphiphilic Polymer for Environmental Adaptive Coating. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18901-18909.	8.0	8
5	Nanotribology of SiP nanosheets: Effect of thickness and sliding velocity. <i>Friction</i> , 2022, 10, 2033-2044.	6.4	7
6	Construction of Core-Shell NanoMOFs@microgel for Aqueous Lubrication and Thermal-Responsive Drug Release. <i>Small</i> , 2022, 18, .	10.0	33
7	Molecular dynamics simulations of adsorption behavior of organic friction modifiers on hydrophilic silica surfaces under the effects of surface coverage and contact pressure. <i>Tribology International</i> , 2021, 156, 106826.	5.9	24
8	Encapsulation of Au ₅₅ Clusters within Surface-Supported Metal-Organic Frameworks for Catalytic Reduction of 4-Nitrophenol. <i>ACS Applied Nano Materials</i> , 2021, 4, 522-528.	5.0	15
9	Enhanced Transmission from Visible to Terahertz in ZnTe Crystals with Scalable Subwavelength Structures. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16997-17005.	8.0	19
10	Robust Hybrid Omniphobic Surface for Stain Resistance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14562-14568.	8.0	19
11	Brush-like organic-inorganic hybrid polysiloxane surface with omniphobicity and extreme durability. <i>Progress in Organic Coatings</i> , 2021, 154, 106171.	3.9	11
12	Metastable interface biomimetic synthesis of a smart nanosystem for enhanced starvation/gas therapy. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 149-157.	9.4	20
13	Chemical Vapor Deposition Mechanism of Graphene-Encapsulated Au Nanoparticle Heterostructures and Their Plasmonics. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 58134-58143.	8.0	0
14	Dialkyl Dithiophosphate-Functionalized Gallium-Based Liquid-Metal Nanodroplets as Lubricant Additives for Antiwear and Friction Reduction. <i>ACS Applied Nano Materials</i> , 2020, 3, 10115-10122.	5.0	40
15	Engineering Symmetry-Breaking Nanocrescent Arrays for Nanolasing. <i>Advanced Functional Materials</i> , 2019, 29, 1904157.	14.9	34
16	Spatially defined molecular emitters coupled to plasmonic nanoparticle arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5925-5930.	7.1	24
17	Superexchange Charge Transport in Loaded Metal Organic Frameworks. <i>ACS Nano</i> , 2016, 10, 7085-7093.	14.6	62
18	Monolithic High Performance Surface Anchored Metal-Organic Framework Bragg Reflector for Optical Sensing. <i>Chemistry of Materials</i> , 2015, 27, 1991-1996.	6.7	54

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19	Electric Transport Properties of Surface-Anchored Metal-Organic Frameworks and the Effect of Ferrocene Loading. ACS Applied Materials & Interfaces, 2015, 7, 9824-9830.	8.0	83
20	Photoinduced Charge-Carrier Generation in Epitaxial MOF Thin Films: High Efficiency as a Result of an Indirect Electronic Band Gap?. Angewandte Chemie - International Edition, 2015, 54, 7441-7445.	13.8	206
21	Loading of ionic compounds into metal-organic frameworks: a joint theoretical and experimental study for the case of La ³⁺ . Physical Chemistry Chemical Physics, 2014, 16, 17918-17923.	2.8	23