

Jianxi Liu

List of Publications by Year in descending order

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21
papers

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623734

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times ranked

1094
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Photoinduced Charge-Carrier Generation in Epitaxial MOF Thin Films: High Efficiency as a Result of an Indirect Electronic Band Gap?. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7441-7445. | 13.8 | 206 |
| 2 | Electric Transport Properties of Surface-Anchored Metal-Organic Frameworks and the Effect of Ferrocene Loading. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9824-9830. | 8.0 | 83 |
| 3 | Superexchange Charge Transport in Loaded Metal Organic Frameworks. <i>ACS Nano</i> , 2016, 10, 7085-7093. | 14.6 | 62 |
| 4 | 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 |
| 5 | 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 |
| 6 | Engineering Symmetry-Breaking Nanocrescent Arrays for Nanolasing. <i>Advanced Functional Materials</i> , 2019, 29, 1904157. | 14.9 | 34 |
| 7 | Construction of Core-Shell NanoMOFs@microgel for Aqueous Lubrication and Thermal-Responsive Drug Release. <i>Small</i> , 2022, 18, . | 10.0 | 33 |
| 8 | 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 |
| 9 | 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 |
| 10 | Loading of ionic compounds into metal-organic frameworks: a joint theoretical and experimental study for the case of La^{3+} . <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 17918-17923. | 2.8 | 23 |
| 11 | 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 |
| 12 | 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 |
| 13 | Robust Hybrid Omniphobic Surface for Stain Resistance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14562-14568. | 8.0 | 19 |
| 14 | 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 |
| 15 | 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 |
| 16 | Brush-like organic-inorganic hybrid polysiloxane surface with omniphobicity and extreme durability. <i>Progress in Organic Coatings</i> , 2021, 154, 106171. | 3.9 | 11 |
| 17 | Brush-like-Amphiphilic Polymer for Environmental Adaptive Coating. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18901-18909. | 8.0 | 8 |
| 18 | Superhydrophobic Composite Coating with Excellent Mechanical Durability. <i>Coatings</i> , 2022, 12, 185. | 2.6 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Nanotribology of SiP nanosheets: Effect of thickness and sliding velocity. <i>Friction</i> , 2022, 10, 2033-2044. | 6.4 | 7 |
| 20 | 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 |
| 21 | 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 |