

Lihong Liu

List of Publications by Year in descending order

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30
papers

827
citations

516215

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times ranked

1513
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving antibacterial, biocompatible, and reusable properties of polyvinyl chloride via the addition of aluminum alkoxides. <i>Journal of Vinyl and Additive Technology</i> , 2021, 27, 519-532.	1.8	5
2	Recovery of lanthanum cations by functionalized magnetic multi-walled carbon nanotube bundles. <i>RSC Advances</i> , 2021, 11, 4751-4759.	1.7	16
3	Surface chemistry-dependent activity and comparative investigation on the enhanced photocatalytic performance of graphitic carbon nitride modified with various nanocarbons. <i>Journal of Colloid and Interface Science</i> , 2020, 569, 12-21.	5.0	19
4	MXene as a non-metal charge mediator in 2D layered CdS@Ti ₃ C ₂ @TiO ₂ composites with superior Z-scheme visible light-driven photocatalytic activity. <i>Environmental Science: Nano</i> , 2019, 6, 3158-3169.	2.2	95
5	Why Do Colloidal Wurtzite Semiconductor Nanoplatelets Have an Atomically Uniform Thickness of Eight Monolayers?. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3465-3471.	2.1	17
6	Novel applications of perovskite oxide via catalytic peroxymonosulfate advanced oxidation in aqueous systems for trace L-cysteine detection. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 311-316.	5.0	16
7	Heterogeneous activation of peroxymonosulfate via a Ag-La _{0.8} Ca _{0.2} Fe _{0.94} O ₃ perovskite hollow fibre membrane reactor for dye degradation. <i>Separation and Purification Technology</i> , 2019, 211, 298-302.	3.9	30
8	Atomic-level design of CoOH ⁺ hydroxyapatite@C catalysts for superfast degradation of organics via peroxymonosulfate activation. <i>Chemical Communications</i> , 2018, 54, 4919-4922.	2.2	23
9	One-Pot Synthesis of Raspberry-Like Mesoporous Silica Nanospheres. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 401-406.	0.9	5
10	Efficient removal of organic and bacterial pollutants by Ag-La _{0.8} Ca _{0.2} Fe _{0.94} O ₃ perovskite via catalytic peroxymonosulfate activation. <i>Journal of Hazardous Materials</i> , 2018, 356, 53-60.	6.5	67
11	Singlet oxygen formation in bio-inspired synthesis of a hollow Ag@AgBr photocatalyst for microbial and chemical decontamination. <i>Catalysis Science and Technology</i> , 2017, 7, 4355-4360.	2.1	11
12	Carbon-Dot/Natural Dye Sensitizer for TiO ₂ Solar Cells Prepared by a One-Step Treatment of Celery Leaf Extract. <i>ChemPhotoChem</i> , 2017, 1, 470-478.	1.5	11
13	Nanoformulated Antimicrobial Agents for Central Nervous System Infections. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 8683-8698.	0.9	3
14	Green Synthesis of Carbon- and Silver-Modified Hierarchical ZnO with Excellent Solar Light Driven Photocatalytic Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 1010-1016.	3.2	28
15	Oxygen permeation behavior through Ce _{0.9} Gd _{0.1} O ₂ membranes electronically short-circuited by dual-phase Ce _{0.9} Gd _{0.1} O ₂ Ag decoration. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19033-19041.	5.2	21
16	Sustainable synthesis of highly efficient sunlight-driven Ag embedded AgCl photocatalysts. <i>RSC Advances</i> , 2015, 5, 80488-80495.	1.7	15
17	CO ₂ -Tolerant Ceramic Membrane Driven by Electrical Current for Oxygen Production at Intermediate Temperatures. <i>Journal of the American Ceramic Society</i> , 2014, 97, 120-126.	1.9	16
18	Highly Stable External Short-Circuit-Assisted Oxygen Ionic Transport Membrane Reactor for Carbon Dioxide Reduction Coupled with Methane Partial Oxidation. <i>Energy & Fuels</i> , 2014, 28, 349-355.	2.5	19

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19	Fe ₃ O ₄ encapsulated mesoporous silica nanospheres with tunable size and large void pore. <i>Frontiers of Chemical Science and Engineering</i> , 2014, 8, 114-122.	2.3	6
20	Direct Hydroxylation of Benzene to Phenol Using Palladium-Titanium Silicalite Zeolite Bifunctional Membrane Reactors. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 5636-5645.	1.8	31
21	Are microorganisms indispensable in green microbial nanomaterial synthesis?. <i>RSC Advances</i> , 2014, 4, 14564-14568.	1.7	15
22	Less is more, greener microbial synthesis of silver nanoparticles. <i>Enzyme and Microbial Technology</i> , 2014, 67, 53-58.	1.6	30
23	2D Porous graphitic C ₃ N ₄ nanosheets/Ag ₃ PO ₄ nanocomposites for enhanced visible-light photocatalytic degradation of 4-chlorophenol. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	25
24	Effects of broth composition and light condition on antimicrobial susceptibility testing of ionic silver. <i>Journal of Microbiological Methods</i> , 2014, 105, 42-46.	0.7	13
25	A facile synthesis of monodispersed hierarchical layered double hydroxide on silica spheres for efficient removal of pharmaceuticals from water. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3877.	5.2	59
26	Reduced cytotoxicity of silver ions to mammalian cells at high concentration due to the formation of silver chloride. <i>Toxicology in Vitro</i> , 2013, 27, 739-744.	1.1	59
27	The potent antimicrobial properties of cell penetrating peptide-conjugated silver nanoparticles with excellent selectivity for Gram-positive bacteria over erythrocytes. <i>Nanoscale</i> , 2013, 5, 3834.	2.8	120
28	Robust ion-transporting ceramic membrane with an internal short circuit for oxygen production. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9150.	5.2	28
29	Optimizing Oxygen Transport Through La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O _{3-δ} Hollow Fiber by Microstructure Modification and Ag/Pt Catalyst Deposition. <i>Energy & Fuels</i> , 2012, 26, 4728-4734.	2.5	20
30	Bioceramic Macrocapsules for Cell Immunoisolation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3062-3065.	7.2	3