

Taohai Li

List of Publications by Year in descending order

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45
papers

587
citations

516710

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642732

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all docs

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docs citations

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times ranked

882
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#	ARTICLE	IF	CITATIONS
1	Enhanced adsorption and dye separation ability of low-cost sepiolite acidified by polyoxometalate acid. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 1457-1465.	2.2	3
2	Formation of BaF ₂ microcrystals as superhydrophobic materials via a hydrothermal method. <i>Chemical Papers</i> , 2022, 76, 961-966.	2.2	0
3	Nearly monodisperse Dy ₂ Sn ₂ O ₇ nanospheres: hydrothermal synthesis without a template or surfactant and effective sonocatalytic performance. <i>New Journal of Chemistry</i> , 2022, 46, 936-940.	2.8	3
4	Ultrasound-assisted synthesis of NaZn ₂ (OH)(MoO ₄) ₂ ·H ₂ O for effective sonocatalytic performance. <i>Materials Science in Semiconductor Processing</i> , 2022, 144, 106562.	4.0	2
5	Nickel nanoparticle-activated MoS ₂ for efficient visible light photocatalytic hydrogen evolution. <i>Nanoscale</i> , 2022, 14, 8601-8610.	5.6	11
6	A facile one-step hydrothermal preparation of Mn(VO ₃) ₂ under different pH conditions and their photocatalytic performance. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 567-571.	2.2	2
7	Facile synthetic routes for photocatalytic Pb ₃ (BTC) ₂ ·H ₂ O coordination polymers. <i>RSC Advances</i> , 2021, 11, 21979-21985.	3.6	1
8	Effective oil/water mixture separation and photocatalytic dye decontamination through nickel-dimethylglyoxime microtubes coated superhydrophobic and superoleophilic films. <i>RSC Advances</i> , 2021, 11, 5035-5043.	3.6	10
9	Study of the Effect of F-Doping on Lithium Electrochemical Behavior in MnWO ₄ Anode Nanomaterials. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 3175.	3.7	2
10	A Facile Synthesis of Heterojunctional BiVO ₄ /Bi ₅ O ₇ I with Enhanced Photocatalytic Activity for Organic Dyes Degradation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1829-1838.	3.7	3
11	Synthesis of CdS-loaded (CuC ₁₀ H ₂₆ N ₆) ₃ (PW ₁₂ O ₄₀) ₂ for enhanced photocatalytic degradation of tetracycline under simulated solar light irradiation. <i>RSC Advances</i> , 2020, 10, 37072-37079.	3.6	3
12	Excellent photo- and sono-catalytic BiOF/Bi ₂ O ₃ heterojunction nanoflakes synthesized via pH-dependent and ionic liquid assisted solvothermal method. <i>Materials Today Communications</i> , 2020, 23, 100980.	1.9	4
13	Loading AgCl@Ag on phosphotungstic acid modified macrocyclic coordination compound: Z-scheme photocatalyst for persistent pollutant degradation and hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2019, 547, 50-59.	9.4	23
14	Removal of RhB From Aqueous Solutions by Two Polyoxometalates Adsorbents. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1048-1055.	3.7	9
15	Metallic Contact between MoS ₂ and Ni via Au Nanoglue. <i>Small</i> , 2018, 14, e1704526.	10.0	32
16	Synthesis of Ag-loaded Sb ₂ WO ₆ microsphere with enhanced photocatalytic ability for organic dyes degradations under different light irradiations. <i>Journal of Molecular Liquids</i> , 2018, 272, 27-36.	4.9	30
17	Metal-Semiconductor Contacts: Metallic Contact between MoS ₂ and Ni via Au Nanoglue (Small) Tj ETQq1 1 0.784314 rgBT /Overlock 10.0	10.0	0
18	Impacts of ionic liquid capping on the morphology and photocatalytic performance of SbPO ₄ crystals. <i>CrystEngComm</i> , 2018, 20, 4305-4312.	2.6	8

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19	Introducing Magnetism into 2D Nonmagnetic Inorganic Layered Crystals: A Brief Review from First-Principles Aspects. <i>Crystals</i> , 2018, 8, 24.	2.2	17
20	Preparation of Graphene Oxide-Based Ink for Inkjet Printing. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 713-718.	0.9	26
21	Transition Metal Adsorbed-Doped ZnO Monolayer: 2D Dilute Magnetic Semiconductor, Magnetic Mechanism, and Beyond 2D. <i>ACS Omega</i> , 2017, 2, 1192-1197.	3.5	22
22	One-pot hydrothermal synthesis of ZnC ₄ O ₄ concave microspheres with superhydrophobic and superoleophilic properties. <i>CrystEngComm</i> , 2017, 19, 528-536.	2.6	5
23	Evolution of lithium clusters to superatomic Li ₃₀ ⁺ . <i>Applied Physics Letters</i> , 2017, 111, .	3.3	3
24	Nanosecond laser coloration on stainless steel surface. <i>Scientific Reports</i> , 2017, 7, 7092.	3.3	21
25	One-pot hydrothermal synthesis of BiVO ₄ microspheres with mixed crystal phase and Sm ³⁺ -doped BiVO ₄ for enhanced photocatalytic activity. <i>Journal of Materials Science</i> , 2017, 52, 1679-1693.	3.7	23
26	Studies on the Effect of Nano-Sized MgO in Magnesium-Ion Conducting Gel Polymer Electrolyte for Rechargeable Magnesium Batteries. <i>Energies</i> , 2017, 10, 1215.	3.1	21
27	Phase and morphology controllable synthesis of superhydrophobic Sb ₂ O ₃ via a solvothermal method. <i>Journal of Alloys and Compounds</i> , 2017, 721, 149-156.	5.5	16
28	Shape-controlled hydrothermal synthesis of superhydrophobic and superoleophilic BaMnF ₄ micro/nanostructures. <i>CrystEngComm</i> , 2016, 18, 3585-3593.	2.6	10
29	Magnetic MoS ₂ pizzas and sandwiches with Mn _n (n = 1-4) cluster toppings and fillings: A first-principles investigation. <i>Scientific Reports</i> , 2016, 6, 19504.	3.3	20
30	Porous coordination polymer coatings fabricated from Cu ₃ (BTC) ₂ ·3H ₂ O with excellent superhydrophobic and superoleophilic properties. <i>New Journal of Chemistry</i> , 2016, 40, 10554-10559.	2.8	10
31	Nano-structured NaLa(MoO ₄) ₂ and Eu ³⁺ -doped NaLa(MoO ₄) ₂ : Synthesis, characterizations, photoluminescence and superhydrophobic properties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2016, 207, 39-46.	3.5	7
32	One-pot synthesis of Ag ⁺ doped BiVO ₄ microspheres with enhanced photocatalytic activity via a facile hydrothermal method. <i>Journal of Physics and Chemistry of Solids</i> , 2016, 92, 11-18.	4.0	21
33	One-step synthesis of Bi ₂ WO ₆ /TiO ₂ heterojunctions with enhanced photocatalytic and superhydrophobic property via hydrothermal method. <i>Journal of Materials Science</i> , 2016, 51, 1032-1042.	3.7	42
34	High catalytic active palladium nanoparticles gradually discharged from multilayer films to promote Suzuki, Heck and Sonogashira cross coupling reactions. <i>Journal of Colloid and Interface Science</i> , 2016, 463, 13-21.	9.4	16
35	Surfactant-Free and Controlled Synthesis of Hexagonal CeVO ₄ Nanoplates: Photocatalytic Activity and Superhydrophobic Property. <i>ChemistryOpen</i> , 2015, 4, 288-294.	1.9	27
36	Bi ₂ WO ₆ Nanosheets Synthesized by a Hydrothermal Method: Photocatalytic Activity Driven by Visible Light and the Superhydrophobic Property with Water Adhesion. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2560-2564.	2.0	14

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37	Synthesis of 3D $\text{Zn}_3(\text{VO}_4)_2$ nanoflower with the property of photoluminescence and superhydrophobicity via a facile precipitation method. Journal of the Iranian Chemical Society, 2015, 12, 1687-1692.	2.2	1
38	Trace amount CuII (ppm) and mixture design of CuII/PdII catalyzed Suzuki cross-coupling reactions based on the cooperative interaction of metal with a conjugated pyridylspirobifluorene. Journal of Materials Chemistry A, 2015, 3, 6265-6270.	10.3	4
39	Preparation of recyclable CdS photocatalytic and superhydrophobic films with photostability by using a screen-printing technique. Journal of Materials Chemistry A, 2015, 3, 16934-16940.	10.3	46
40	A one-step ionic liquid-assisted ultrasonic method for the preparation of BiOCl/m-BiVO ₄ heterojunctions with enhanced visible light photocatalytic activity. CrystEngComm, 2015, 17, 7676-7683.	2.6	21
41	Fabrication and Superhydrophobic Property of ZnO Micro/Nanocrystals via a Hydrothermal Route. Journal of Nanomaterials, 2014, 2014, 1-6.	2.7	3
42	Facile fabrication of corrosion-resistant superhydrophobic and superoleophilic surfaces with MnWO ₄ :Dy ³⁺ microbouquets. Dalton Transactions, 2014, 43, 5801.	3.3	8
43	Photocatalytic degradation of organic dyes by La ³⁺ /Ce ³⁺ -H ₃ PW ₁₂ O ₄₀ under different light irradiation. Dalton Transactions, 2014, 43, 9061-9069.	3.3	29
44	Fast Microwave-Assisted Synthesis and Photoluminescence of CaWO ₄ Nanocrystals. Journal of Chemistry, 2013, 2013, 1-5.	1.9	6
45	Determination of the second step microstructure for superhydrophobic surfaces. Surface and Interface Analysis, 2013, 45, 919-929.	1.8	2