

Liang-Liang Huang

List of Publications by Year in descending order

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24
papers

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Merohedral icosahedral M ₄₈ (M = Co, Ni) cage clusters supported by thiacalix[4]arene. <i>Chemical Science</i> , 2018, 9, 8535-8541. | 7.4 | 60 |
| 2 | Olefin epoxidation with hydrogen peroxide using octamolybdate-based self-separating catalysts. <i>Green Chemistry</i> , 2015, 17, 1186-1193. | 9.0 | 44 |
| 3 | A bimetallic Co ₄ Mo ₈ cluster built from Mo ₈ oxothiomolybdate capped by a Co ₄ -thiacalix[4]arene unit: the observation of the Co-Mo synergistic effect for binder-free electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12893-12899. | 10.3 | 39 |
| 4 | Assembly of thiacalix[4]arene-supported high-nuclearity Cd ₂₄ cluster with enhanced photocatalytic activity. <i>Nanoscale</i> , 2018, 10, 14448-14454. | 5.6 | 30 |
| 5 | Thiacalix[4]arene-supported tetradecanuclear cobalt nanocage cluster as precursor to synthesize CoO/Co ₉ S ₈ @CN composite for supercapacitor application. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1329-1335. | 6.0 | 23 |
| 6 | A porous chiral In-MOF with anionic-type diamond network: synthesis, structure and nitrogen gas adsorption. <i>CrystEngComm</i> , 2011, 13, 4005. | 2.6 | 22 |
| 7 | Hydrothermal synthesis, characterization and fluorescence property of a novel layered fluorinated gallium phosphite with heptameric building unit. <i>Journal of Solid State Chemistry</i> , 2008, 181, 1279-1284. | 2.9 | 19 |
| 8 | Synthesis of bimetallic nickel cobalt selenide particles for high-performance hybrid supercapacitors. <i>RSC Advances</i> , 2022, 12, 1471-1478. | 3.6 | 17 |
| 9 | Synthesis, structure and characterization of two new open-framework gallium phosphite-oxalates of varying dimensionality. <i>Journal of Solid State Chemistry</i> , 2013, 208, 86-92. | 2.9 | 14 |
| 10 | Solvent-free synthesis and room temperature proton conductivity of new cobalt phosphite-oxalates. <i>CrystEngComm</i> , 2018, 20, 5544-5550. | 2.6 | 14 |
| 11 | Synthesis, crystal structure and characterization of a new layered gallium phosphite Ga(HPO ₃)F ₃ ·(trans-C ₆ N ₂ H ₁₆) with left- and right-handed helical chains. <i>CrystEngComm</i> , 2010, 12, 2198. | 2.6 | 12 |
| 12 | A novel 3D framework indium phosphite-oxalate based on a pcu-type topology. <i>Journal of Solid State Chemistry</i> , 2016, 237, 219-224. | 2.9 | 11 |
| 13 | Synthesis and characterization of a new chiral open-framework indium phosphite with intertwined host and guest helices. <i>Microporous and Mesoporous Materials</i> , 2012, 149, 95-100. | 4.4 | 8 |
| 14 | Solvent-free syntheses of two pcu topological indium phosphite-oxalates with a novel butterfly motif and proton conductivity. <i>Microporous and Mesoporous Materials</i> , 2019, 289, 109643. | 4.4 | 7 |
| 15 | Synthesis and characterizations of two NbO topological gallium phosphites with low framework density. <i>Microporous and Mesoporous Materials</i> , 2014, 196, 321-326. | 4.4 | 6 |
| 16 | Large-scale fabrication of porous YBO ₃ hollow microspheres with tunable photoluminescence. <i>Royal Society Open Science</i> , 2018, 5, 172186. | 2.4 | 6 |
| 17 | High proton conductivity behavior in a 2D metal sulfite constructed from a histidine ligand. <i>RSC Advances</i> , 2019, 9, 16130-16135. | 3.6 | 4 |
| 18 | Facile Synthesis of GdF ₃ :Yb ³⁺ , Er ³⁺ , Tm ³⁺ @TiO ₂ -Ag Core-Shell Ellipsoids Photocatalysts for Photodegradation of Methyl Orange Under UV, Visible, and NIR Light Irradiation. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 8216-8224. | 0.9 | 2 |

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|----|--|-----|-----------|
| 19 | Uniform and Well-Dispersed LuBO ₃ Hollow Microspheres: Synthesis, Formation and Photoluminescence Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 8302-8306. | 0.9 | 2 |
| 20 | Synthesis of NiSe nanorod array structure as a binder-free cathode for an aqueous rechargeable Ni-Zn battery. <i>New Journal of Chemistry</i> , 2022, 46, 14451-14457. | 2.8 | 2 |
| 21 | Hydrothermal synthesis, characterization and photoluminescence property of a novel indium phosphate with 3D supramolecular structure. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 1305-1309. | 1.6 | 1 |
| 22 | Solvothermal Synthesis and Characterizations of Two Isomerism Cobalt Phosphite Oxalates with Varying Dimensions Using the Same Template from in situ Reaction. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 1004-1009. | 1.2 | 1 |
| 23 | Synthesis and proton conductivity study of vanadium phosphate-phosphite oxalate with excellent water and acid-base stability. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109545. | 3.9 | 1 |
| 24 | Construction of a 2D layered zinc sulfite with proton conductivity. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108686. | 3.9 | 0 |