# Han-Pu Liang

List of Publications by Year
in descending order



| 30 | 2,973 | 361413 20 | 454955 30 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 33 | 33 | 33 | 4341 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Pt Hollow Nanospheres: Facile Synthesis and Enhanced Electrocatalysts. Angewandte Chemie - International Edition, 2004, 43, 1540-1543. | 13.8 | 662 |
| 2 | Mass Production and High Photocatalytic Activity of ZnS Nanoporous Nanoparticles. Angewandte Chemie - International Edition, 2005, 44, 1269-1273. | 13.8 | 558 |
| 3 | Hierarchically Structured Cobalt Oxide (Co3O4):Â The Morphology Control and Its Potential in Sensors. Journal of Physical Chemistry B, 2006, 110, 15858-15863. | 2.6 | 339 |
| 4 | Gold Hollow Nanospheres:Â Tunable Surface Plasmon Resonance Controlled by Interior-Cavity Sizes. Journal of Physical Chemistry B, 2005, 109, 7795-7800. | 2.6 | 301 |
| 5 | Controllable AuPt bimetallic hollow nanostructures. Chemical Communications, 2004, , 1496. | 4.1 | 121 |
| 6 | Niâ^'Pt Multilayered Nanowire Arrays with Enhanced Coercivity and High Remanence Ratio. Inorganic Chemistry, 2005, 44, 3013-3015. | 4.0 | 81 |
| 7 | In situ synthesis of sustainable highly efficient single iron atoms anchored on nitrogen doped carbon derived from renewable biomass. Carbon, 2020, 157, 614-621. | 10.3 | 64 |
| 8 | Interface Assembly Synthesis of Inorganic Composite Hollow Spheres. Journal of Physical Chemistry B, 2004, 108, 9734-9738. | 2.6 | 62 |
| 9 | Highly Dispersed Metal Nanoparticles in Porous Anodic Alumina Films Prepared by a Breathing Process of Polyacrylamide Hydrogel. Chemistry of Materials, 2003, 15, 4332-4336. | 6.7 | 61 |
| 10 | Controllable Synthesis of Hollow Hierarchical Palladium Nanostructures with Enhanced Activity for Proton/Hydrogen Sensing. Journal of Physical Chemistry C, 2008, 112, 338-344. | 3.1 | 56 |
| 11 | Hollow Rh nanoparticles with nanoporous shell as efficient electrocatalyst for hydrogen evolution reaction. Electrochimica Acta, 2018, 282, 853-859. | 5.2 | 35 |
| 12 | Green Synthesis of a Highly Efficient and Stable Single-Atom Iron Catalyst Anchored on Nitrogen-Doped Carbon Nanorods for the Oxygen Reduction Reaction. ACS Sustainable Chemistry and Engineering, 2021, 9, 137-146. | 6.7 | 35 |
| 13 | Mesoporous carbon promoting the efficiency and stability of single atomic electrocatalysts for oxygen reduction reaction. Carbon, 2022, 191, 393-402. | 10.3 | 33 |
| 14 | Highly Active Fe/Pt Single-Atom Bifunctional Electrocatalysts on Biomass-Derived Carbon. ACS Sustainable Chemistry and Engineering, 2021, 9, 189-196. | 6.7 | 30 |
| 15 | Electrochemical Synthesis of Cation Vacancy-Enriched Ultrathin Bimetallic Oxyhydroxide Nanoplatelets for Enhanced Water Oxidation. ACS Applied Materials & Interfaces, 2019, 11, 25958-25966. | 8.0 | 25 |
| 16 | Iron-induced 3D nanoporous iron-cobalt oxyhydroxide on carbon cloth as a highly efficient electrode for oxygen evolution reaction. Chinese Journal of Catalysis, 2019, 40, 1540-1547. | 14.0 | 25 |
| 17 | Identification of the Preferential-Bonding Effect of Disubstituted Alkane Derivatives Using Scanning Tunneling Microscopy. Journal of Physical Chemistry B, 2004, 108, 620-624. | 2.6 | 22 |
| 18 | Cobalt oxyhydroxide with highly porous structures as active and stable phase for efficient water oxidation. Electrochimica Acta, 2019, 303, 231-238. | 5.2 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mesoporous Ultrathin Cobalt Oxides Nanosheets Grown on Carbon Cloth as a High-Performance Electrode for Oxygen Evolution Reaction. ACS Applied Energy Materials, 2019, 2, 1977-1987. | 5.1 | 18 |
| 20 | Stable and efficient seawater splitting on a porous phosphate-intercalated NiFe (oxy)hydroxide@NiMoO4 core-shell micropillar electrode. , 2022, 1, 100015. | | 15 |
| 21 | Large-Scale Production of V<sub>6</sub>O<sub>13</sub> Cathode Materials Assisted by Thermal Gravimetric Analysisâ€“Infrared Spectroscopy Technology. ACS Applied Materials & Interfaces, 2016, 8, 25674-25679. | 8.0 | 12 |
| 22 | Directed assembly of ultrasmall nitrogen coordinated Ir nanoparticles for enhanced electrocatalysis. Electrochimica Acta, 2021, 370, 137710. | 5.2 | 10 |
| 23 | A facile solvothermal synthesis of Pt<sub>1.2</sub>Co/C bimetallic nanocrystals as efficient electrocatalysts for methanol oxidation and hydrogen evolution reaction. New Journal of Chemistry, 2020, 44, 5792-5799. | 2.8 | 6 |
| 24 | Construction of nitrogen-doped porous carbon nanosheets decorated with Feâ€“N<sub>4</sub> and iron oxides by a biomass coordination strategy for efficient oxygen reduction reaction. New Journal of Chemistry, 2021, 45, 14570-14579. | 2.8 | 6 |
| 25 | Surfactant-assisted implantation strategy for facile construction of Pt-based hybrid electrocatalyst to accelerate oxygen reduction reaction. Materials Today Energy, 2022, 24, 100919. | 4.7 | 6 |
| 26 | Facile Synthesis of Pt Multipods Nanocrystals. Journal of Nanoscience and Nanotechnology, 2006, 6, 2031-2036. | 0.9 | 4 |
| 27 | Fe-Induced electronic optimization of mesoporous Coâ€“Ni oxide nanosheets as an efficient binder-free electrode for the oxygen evolution reaction. New Journal of Chemistry, 2021, 45, 6424-6431. | 2.8 | 4 |
| 28 | Understanding the Mechanism for Capacity Decay of V<sub>6</sub>O<sub>13</sub>-Based Lithium-Metal Polymer Batteries. ACS Applied Materials & Interfaces, 2018, 10, 29667-29674. | 8.0 | 3 |
| 29 | Construction of highly durable electrocatalysts by pore confinement and anchoring effect for the oxygen reduction reaction. New Journal of Chemistry, 0, , . | 2.8 | 2 |
| 30 | NaClâ€Promoted Hierarchically Porous Carbon Selfâ€Coâ€Doped with Iron and Nitrogen for Efficient Oxygen Reduction. ChemistrySelect, 2020, 5, 13703-13710. | 1.5 | 1 |