

Han-Pu Liang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5017773/publications.pdf>

Version: 2024-02-01

30
papers

2,973
citations

361413

20
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

4341
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Stable and efficient seawater splitting on a porous phosphate-intercalated NiFe (oxy)hydroxide@NiMoO ₄ core-shell micropillar electrode. , 2022, 1, 100015. | | 15 |
| 2 | 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 |
| 3 | Mesoporous carbon promoting the efficiency and stability of single atomic electrocatalysts for oxygen reduction reaction. Carbon, 2022, 191, 393-402. | 10.3 | 33 |
| 4 | Highly Active Fe/Pt Single-Atom Bifunctional Electrocatalysts on Biomass-Derived Carbon. ACS Sustainable Chemistry and Engineering, 2021, 9, 189-196. | 6.7 | 30 |
| 5 | Fe-Induced electronic optimization of mesoporous Co@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 |
| 6 | Construction of nitrogen-doped porous carbon nanosheets decorated with Fe@N ₄ and iron oxides by a biomass coordination strategy for efficient oxygen reduction reaction. New Journal of Chemistry, 2021, 45, 14570-14579. | 2.8 | 6 |
| 7 | Directed assembly of ultrasmall nitrogen coordinated Ir nanoparticles for enhanced electrocatalysis. Electrochimica Acta, 2021, 370, 137710. | 5.2 | 10 |
| 8 | 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 |
| 9 | 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 |
| 10 | NaCl@Promoted Hierarchically Porous Carbon Self@Co@Doped with Iron and Nitrogen for Efficient Oxygen Reduction. ChemistrySelect, 2020, 5, 13703-13710. | 1.5 | 1 |
| 11 | A facile solvothermal synthesis of Pt _{1.2} /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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Cobalt oxyhydroxide with highly porous structures as active and stable phase for efficient water oxidation. Electrochimica Acta, 2019, 303, 231-238. | 5.2 | 19 |
| 16 | Hollow Rh nanoparticles with nanoporous shell as efficient electrocatalyst for hydrogen evolution reaction. Electrochimica Acta, 2018, 282, 853-859. | 5.2 | 35 |
| 17 | Understanding the Mechanism for Capacity Decay of V ₆ O ₁₃ -Based Lithium-Metal Polymer Batteries. ACS Applied Materials & Interfaces, 2018, 10, 29667-29674. | 8.0 | 3 |
| 18 | Large-Scale Production of V ₆ O ₁₃ Cathode Materials Assisted by Thermal Gravimetric Analysis@Infrared Spectroscopy Technology. ACS Applied Materials & Interfaces, 2016, 8, 25674-25679. | 8.0 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Controllable Synthesis of Hollow Hierarchical Palladium Nanostructures with Enhanced Activity for Proton/Hydrogen Sensing. <i>Journal of Physical Chemistry C</i> , 2008, 112, 338-344. | 3.1 | 56 |
| 20 | Hierarchically Structured Cobalt Oxide (Co ₃ O ₄): The Morphology Control and Its Potential in Sensors. <i>Journal of Physical Chemistry B</i> , 2006, 110, 15858-15863. | 2.6 | 339 |
| 21 | Facile Synthesis of Pt Multipods Nanocrystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 2031-2036. | 0.9 | 4 |
| 22 | Mass Production and High Photocatalytic Activity of ZnS Nanoporous Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1269-1273. | 13.8 | 558 |
| 23 | Gold Hollow Nanospheres: Tunable Surface Plasmon Resonance Controlled by Interior-Cavity Sizes. <i>Journal of Physical Chemistry B</i> , 2005, 109, 7795-7800. | 2.6 | 301 |
| 24 | Ni ²⁺ /Pt Multilayered Nanowire Arrays with Enhanced Coercivity and High Remanence Ratio. <i>Inorganic Chemistry</i> , 2005, 44, 3013-3015. | 4.0 | 81 |
| 25 | Pt Hollow Nanospheres: Facile Synthesis and Enhanced Electrocatalysts. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1540-1543. | 13.8 | 662 |
| 26 | Interface Assembly Synthesis of Inorganic Composite Hollow Spheres. <i>Journal of Physical Chemistry B</i> , 2004, 108, 9734-9738. | 2.6 | 62 |
| 27 | Identification of the Preferential-Bonding Effect of Disubstituted Alkane Derivatives Using Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry B</i> , 2004, 108, 620-624. | 2.6 | 22 |
| 28 | Controllable AuPt bimetallic hollow nanostructures. <i>Chemical Communications</i> , 2004, , 1496. | 4.1 | 121 |
| 29 | Highly Dispersed Metal Nanoparticles in Porous Anodic Alumina Films Prepared by a Breathing Process of Polyacrylamide Hydrogel. <i>Chemistry of Materials</i> , 2003, 15, 4332-4336. | 6.7 | 61 |
| 30 | Construction of highly durable electrocatalysts by pore confinement and anchoring effect for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , 0, , . | 2.8 | 2 |