

Robin Sandström

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5664590/publications.pdf>

Version: 2024-02-01

13
papers

333
citations

1040056

9
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

740
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Stable Sulfur-Intercalated 1T-MoS ₂ on Graphitic Nanoribbons as Hydrogen Evolution Electrocatalyst. <i>Advanced Functional Materials</i> , 2018, 28, 1802744. | 14.9 | 79 |
| 2 | Cationic Vacancy Defects in Iron Phosphide: A Promising Route toward Efficient and Stable Hydrogen Evolution by Electrochemical Water Splitting. <i>ChemSusChem</i> , 2017, 10, 4544-4551. | 6.8 | 63 |
| 3 | Hierarchical self-assembled structures based on nitrogen-doped carbon nanotubes as advanced negative electrodes for Li-ion batteries and 3D microbatteries. <i>Journal of Power Sources</i> , 2015, 279, 581-592. | 7.8 | 41 |
| 4 | Comprehensive Study of an Earth-Abundant Bifunctional 3D Electrode for Efficient Water Electrolysis in Alkaline Medium. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 28148-28155. | 8.0 | 36 |
| 5 | Robust hierarchical 3D carbon foam electrode for efficient water electrolysis. <i>Scientific Reports</i> , 2017, 7, 6112. | 3.3 | 27 |
| 6 | Yttria stabilized and surface activated platinum (Pt _x YO _y) nanoparticles through rapid microwave assisted synthesis for oxygen reduction reaction. <i>Nano Energy</i> , 2018, 46, 141-149. | 16.0 | 21 |
| 7 | Atomistic understanding of the origin of high oxygen reduction electrocatalytic activity of cuboctahedral Pt ₃ Co "Pt core" shell nanoparticles. <i>Catalysis Science and Technology</i> , 2016, 6, 1393-1401. | 4.1 | 17 |
| 8 | Fabrication of microporous layer-free hierarchical gas diffusion electrode as a low Pt-loading PEMFC cathode by direct growth of helical carbon nanofibers. <i>RSC Advances</i> , 2018, 8, 41566-41574. | 3.6 | 16 |
| 9 | Evaluation of fluorine and sulfonic acid co-functionalized graphene oxide membranes under hydrogen proton exchange membrane fuel cell conditions. <i>Sustainable Energy and Fuels</i> , 2019, 3, 1790-1798. | 4.9 | 13 |
| 10 | Compositional Evaluation of Coreduced Fe-Pt Metal Acetylacetonates as PEM Fuel Cell Cathode Catalyst. <i>ACS Applied Energy Materials</i> , 2018, 1, 7106-7115. | 5.1 | 9 |
| 11 | Oxidatively induced exposure of active surface area during microwave assisted formation of Pt ₃ Co nanoparticles for oxygen reduction reaction. <i>RSC Advances</i> , 2019, 9, 17979-17987. | 3.6 | 4 |
| 12 | Microwave-Induced Structural Ordering of Resilient Nanostructured L1 ₀ -FePt Catalysts for Oxygen Reduction Reaction. <i>ACS Applied Energy Materials</i> , 2020, 3, 9785-9791. | 5.1 | 4 |
| 13 | Direct support mixture painting, using Pd(0) organo-metallic compounds - an easy and environmentally sound approach to combine decoration and electrode preparation for fuel cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20973-20979. | 10.3 | 3 |