

Bin Wang

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Crystal Structure Modification Enhanced FeNb ₁₁ O ₂₉ Anodes for Lithium-Ion Batteries. ChemElectroChem, 2017, 4, 3171-3180. | 1.7 | 139 |
| 2 | Controllable Synthesis of Monolayer Poly(acrylic acid) on the Channel Surface of Mesoporous Alumina for Pb(II) Adsorption. Langmuir, 2018, 34, 7859-7868. | 1.6 | 78 |
| 3 | Amorphous MoS ₂ -Coated TiO ₂ Nanotube Arrays for Enhanced Electrocatalytic Hydrogen Evolution Reaction. Journal of Physical Chemistry C, 2018, 122, 12589-12597. | 1.5 | 72 |
| 4 | In situ polymerized poly(acrylic acid)/alumina nanocomposites for Pb ²⁺ adsorption. Advances in Polymer Technology, 2018, 37, 2981-2996. | 0.8 | 58 |
| 5 | PbTe quantum dots as electron transfer intermediates for the enhanced hydrogen evolution reaction of amorphous MoS ₂ /TiO ₂ nanotube arrays. Nanoscale, 2018, 10, 10288-10295. | 2.8 | 44 |
| 6 | Enhanced charge-carrier transfer by CdS and Ag ₂ S quantum dots co-sensitization for TiO ₂ nanotube arrays. Journal of Colloid and Interface Science, 2015, 457, 1-8. | 5.0 | 36 |
| 7 | PAA/alumina composites prepared with different molecular weight polymers and utilized as support for nickel-based catalyst. Advances in Polymer Technology, 2018, 37, 2325-2335. | 0.8 | 35 |
| 8 | Synergetic coupling of Pd nanoparticles and amorphous MoS ₂ toward highly efficient electrocatalytic hydrogen evolution reactions. Applied Materials Today, 2018, 13, 158-165. | 2.3 | 33 |
| 9 | Coupling thermoelectricity and electrocatalysis for hydrogen production via PbTe/PbS/TiO ₂ heterojunction. Journal of Power Sources, 2017, 342, 452-459. | 4.0 | 20 |
| 10 | Nickel Phosphides Electrodeposited on TiO ₂ Nanotube Arrays as Electrocatalysts for Hydrogen Evolution. ACS Applied Nano Materials, 2021, 4, 4542-4551. | 2.4 | 19 |
| 11 | Investigation of small molecular weight poly(acrylic acid) adsorption on γ -alumina. Applied Surface Science, 2015, 345, 116-121. | 3.1 | 15 |
| 12 | Formation of poly(acrylic acid)/alumina composite via in situ polymerization of acrylic acid adsorbed within oxide pores. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 514, 168-177. | 2.3 | 11 |
| 13 | Enhanced hydrogen production of PbTe-PbS/TNAs electrodes modified with ordered mesoporous carbon. Journal of Colloid and Interface Science, 2017, 504, 652-659. | 5.0 | 11 |
| 14 | Polyelectrolyte Assisted Preparation of Nanocatalysts for CO ₂ Methanation. Engineered Science, 2018, , , | 1.2 | 7 |
| 15 | Tailoring electronic structure of Pd nanoparticles via MnO ₂ as electron transfer intermediate for enhanced hydrogen evolution reaction. Chemical Physics Letters, 2020, 748, 137405. | 1.2 | 5 |