

Bin Wang

List of Publications by Year in descending order

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15
papers

583
citations

840119

11
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

1111
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel Phosphides Electrodeposited on TiO ₂ Nanotube Arrays as Electrocatalysts for Hydrogen Evolution. ACS Applied Nano Materials, 2021, 4, 4542-4551.	2.4	19
2	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
3	In situ polymerized poly(acrylic acid)/alumina nanocomposites for Pb ²⁺ adsorption. Advances in Polymer Technology, 2018, 37, 2981-2996.	0.8	58
4	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
5	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
6	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
7	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
8	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
9	Polyelectrolyte Assisted Preparation of Nanocatalysts for CO ₂ Methanation. Engineered Science, 2018, , .	1.2	7
10	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
11	Coupling thermoelectricity and electrocatalysis for hydrogen production via PbTe/PbS/TiO ₂ heterojunction. Journal of Power Sources, 2017, 342, 452-459.	4.0	20
12	Crystal Structure Modification Enhanced FeNb ₁₁ O ₂₉ Anodes for Lithium-Ion Batteries. ChemElectroChem, 2017, 4, 3171-3180.	1.7	139
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	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
15	Investigation of small molecular weight poly(acrylic acid) adsorption on γ-Al ₂ O ₃ . Applied Surface Science, 2015, 345, 116-121.	3.1	15