

Yong Jiang

List of Publications by Year in descending order

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17
papers

429
citations

933447

10
h-index

940533

16
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17
all docs

17
docs citations

17
times ranked

729
citing authors

#	ARTICLE	IF	CITATIONS
1	First principles study of P-doped borophene as anode materials for lithium ion batteries. Applied Surface Science, 2018, 427, 198-205.	6.1	70
2	Preparation of PVdF-based electrospun membranes and their application as separators. Science and Technology of Advanced Materials, 2008, 9, 015005.	6.1	68
3	Facile synthesis of Ag/ZnO heterostructures assisted by UV irradiation: Highly photocatalytic property and enhanced photostability. Materials Research Bulletin, 2011, 46, 1625-1631.	5.2	62
4	Synthesis and electrochemical properties of Co ₃ O ₄ nanofibers as anode materials for lithium-ion batteries. Materials Letters, 2008, 62, 3410-3412.	2.6	56
5	Synthesis and properties of ZnO nanofibers prepared by electrospinning. Journal of Sol-Gel Science and Technology, 2009, 52, 287-290.	2.4	34
6	Fabrication and photocatalytic property of TiO ₂ nanofibers. Journal of Sol-Gel Science and Technology, 2008, 46, 176-179.	2.4	25
7	Eco-friendly and effective strategy to synthesize ZnO/Ag ₂ O heterostructures and its excellent photocatalytic property under visible light. Journal of Solid State Chemistry, 2018, 268, 83-93.	2.9	25
8	Solid-State, Low-Cost, and Green Synthesis and Robust Photochemical Hydrogen Evolution Performance of Ternary TiO ₂ /MgTiO ₃ /C Photocatalysts. IScience, 2019, 14, 15-26.	4.1	23
9	The morphological evolution, mechanical properties and ionic conductivities of electrospinning P(VDF-HFP) membranes at various temperatures. Ionics, 2009, 15, 731-734.	2.4	18
10	Facile preparation of exposed {001} facet TiO ₂ nanobelts coated by monolayer carbon and its high-performance photocatalytic activity. Journal of Materials Science, 2017, 52, 13586-13595.	3.7	18
11	Intrinsic structure and friction properties of graphene and graphene oxide nanosheets studied by scanning probe microscopy. Bulletin of Materials Science, 2013, 36, 1073-1077.	1.7	10
12	Enhanced ion diffusion induced by structural transition of Li-modified borophosphene. Physical Chemistry Chemical Physics, 2020, 22, 21326-21333.	2.8	6
13	Lithium acetate modified PU/graphene composites as separator for advanced Li-ion batteries. Micro and Nano Letters, 2020, 15, 213-217.	1.3	5
14	Removal of heavy metal ions by porous sepiolite-based membrane. Micro and Nano Letters, 2020, 15, 903-906.	1.3	4
15	Effect of vacancy distribution on the relaxation properties of graphene: a molecular dynamics study. Micro and Nano Letters, 2015, 10, 693-695.	1.3	2
16	Preparation of ultrathin carbon-coated CdS nanobelts for advanced Li and Na storage. Nanotechnology, 2020, 31, 505403.	2.6	2
17	Molecular dynamics study on the relaxation properties of bilayered graphene with defects. Bulletin of Materials Science, 2017, 40, 1255-1261.	1.7	1