

Jiao Yin

List of Publications by Year in descending order

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papers

955
citations

567281

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docs citations

20
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#	ARTICLE	IF	CITATIONS
1	Sodium Titanate Nanotubes as Negative Electrode Materials for Sodium-Ion Capacitors. ACS Applied Materials & Interfaces, 2012, 4, 2762-2768.	8.0	218
2	Microorganism-Derived Heteroatom-Doped Carbon Materials for Oxygen Reduction and Supercapacitors. Advanced Functional Materials, 2013, 23, 1305-1312.	14.9	213
3	Biomass derived hierarchically porous and heteroatom-doped carbons for supercapacitors. Journal of Colloid and Interface Science, 2018, 509, 369-383.	9.4	80
4	Efficient photocatalytic dechlorination of chlorophenols over a nonlinear optical material $\text{Na}_3\text{VO}_6\text{B}_6\text{O}_{11}$ under UV-visible light irradiation. Journal of Materials Chemistry A, 2015, 3, 12179-12187.	10.3	54
5	PtM (M = Fe, Co, Ni) Bimetallic Nanoclusters as Active, Methanol-Tolerant, and Stable Catalysts toward the Oxygen Reduction Reaction. ACS Sustainable Chemistry and Engineering, 2019, 7, 6541-6549.	6.7	45
6	Facile synthesis of conjugated polymeric Schiff base as negative electrodes for lithium ion batteries. Electrochimica Acta, 2017, 253, 319-323.	5.2	42
7	Freestanding $\text{MoO}_2/\text{Mo}_2\text{C}$ imbedded carbon fibers for Li-ion batteries. Physical Chemistry Chemical Physics, 2017, 19, 2908-2914.	2.8	41
8	Enhanced Lithium Ion Storage Performance of Tannic Acid in LiTFSI Electrolyte. ACS Omega, 2017, 2, 1273-1278.	3.5	37
9	Polyoxometalate-Assisted Synthesis of TiO_2 Nanoparticles and Their Applications in Aqueous Hybrid Electrochemical Capacitors. ACS Applied Materials & Interfaces, 2011, 3, 4315-4322.	8.0	31
10	Nanostructured 3D-porous graphene hydrogel based $\text{Ti/Sb-SnO}_2\text{-Gr}$ electrode with enhanced electrocatalytic activity. Chemosphere, 2017, 169, 651-659.	8.2	31
11	Scalable synthesis of Fe_3N nanoparticles within N-doped carbon frameworks as efficient electrocatalysts for oxygen reduction reaction. Journal of Colloid and Interface Science, 2020, 580, 460-469.	9.4	31
12	Controlled fabrication of hierarchically porous Ti/Sb-SnO_2 anode from honeycomb to network structure with high electrocatalytic activity. RSC Advances, 2015, 5, 28803-28813.	3.6	30
13	3D-Structured Polyoxometalate Microcrystals with Enhanced Rate Capability and Cycle Stability for Lithium-Ion Storage. ACS Applied Materials & Interfaces, 2018, 10, 18657-18664.	8.0	28
14	Hierarchically Porous Carbons Derived from Cotton Stalks for High-Performance Supercapacitors. ChemElectroChem, 2017, 4, 2599-2607.	3.4	20
15	Flexible and additive-free organic electrodes for aqueous sodium ion batteries. Journal of Materials Chemistry A, 2020, 8, 22791-22801.	10.3	20
16	Enhanced Electrocatalytic Activity and Stability toward the Oxygen Reduction Reaction with Unprotected Pt Nanoclusters. Nanomaterials, 2018, 8, 955.	4.1	11
17	Improved photo-dechlorination at polar photocatalysts $\text{K}_3\text{B}_6\text{O}_{10}\text{X}$ (X = Cl, Br) by halogen atoms-modulated polarization. Catalysis Science and Technology, 2019, 9, 2273-2281.	4.1	9
18	Enhancing Potassium Storage Performance in $\text{VO}_2/\text{V}_2\text{O}_3\text{-C}$ Nanosheets by Synergistic Effect of Oxygen Vacancy and C-O-V Bond. ChemElectroChem, 2022, 9, .	3.4	6

#	ARTICLE	IF	CITATIONS
19	Band structure engineering of boron-oxygen-based materials for efficient charge separation. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1440-1448.	5.9	5
20	Oxygen-Functionalized Polyacrylonitrile Nanofibers with Enhanced Performance for Lithium-Ion Storage. <i>ACS Omega</i> , 2021, 6, 2542-2548.	3.5	3