

Xiao-Peng Yang

List of Publications by Year in descending order

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15
papers

862
citations

933447

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1685
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygenâ€Vacancy Abundant Ultrafine Co ₃ O ₄ /Graphene Composites for Highâ€Rate Supercapacitor Electrodes. <i>Advanced Science</i> , 2018, 5, 1700659.	11.2	392
2	Fully indium-free flexible Ag nanowires/ZnO:F composite transparent conductive electrodes with high haze. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5375-5384.	10.3	125
3	Synthesis of TiO ₂ decorated Co ₃ O ₄ acicular nanowire arrays and their application as an ethanol sensor. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2794-2801.	10.3	73
4	Effect of deposition temperature on transparent conductive properties of $\text{In}^3\text{-CuI}$ film prepared by vacuum thermal evaporation. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 1466-1470.	1.8	68
5	Submicron-Lubricant Based on Crystallized Fe ₃ O ₄ Spheres for Enhanced Tribology Performance. <i>Chemistry of Materials</i> , 2014, 26, 5113-5119.	6.7	59
6	Spatially Selfâ€Confined Formation of Ultrafine NiCoO ₂ Nanoparticles@Ultralong Amorphous Nâ€Doped Carbon Nanofibers as an Anode towards Efficient Capacitive Li ⁺ Storage. <i>Chemistry - A European Journal</i> , 2019, 25, 863-873.	3.3	28
7	Preparation of {200} crystal faced SnO ₂ nanorods with extremely high gas sensitivity at lower temperature. <i>Rare Metals</i> , 2021, 40, 2004-2016.	7.1	28
8	Sodiumâ€Doped ZnO Nanowires Grown by Highâ€pressure $\langle\text{scp}\rangle\text{PLD}\langle\text{scp}\rangle$ and their Acceptorâ€Related Optical Properties. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2177-2184.	3.8	26
9	Polyoxometalate@MOF derived porous carbon-supported MoO ₂ /MoS ₂ octahedra boosting high-rate lithium storage. <i>Dalton Transactions</i> , 2021, 50, 14595-14601.	3.3	15
10	The influence of annealing temperature on the interface and photovoltaic properties of CdS/CdSe quantum dots sensitized ZnO nanorods solar cells. <i>Journal of Colloid and Interface Science</i> , 2014, 430, 200-206.	9.4	13
11	Polyoxometalate@ZIF Induced CoWO ₄ /WS ₂ @C-N Nanoflower as a Highly Efficient Catalyst for Znâ€Air Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 6892-6902.	5.1	12
12	Corncob-derived hierarchical porous carbons constructed by re-activation for high-rate lithium-ion capacitors. <i>New Journal of Chemistry</i> , 2019, 43, 10103-10108.	2.8	10
13	Fabrication of p-ZnO:Na/n-ZnO:Na homojunction by surface pulsed laser irradiation. <i>RSC Advances</i> , 2017, 7, 37296-37301.	3.6	9
14	First principles study on modification of Ni composite SWCNT material system for gas adsorption. <i>Applied Surface Science</i> , 2021, 544, 148765.	6.1	3
15	Super-long ZnO nanofibers and novel nucleation mechanism for a gas-phase environment: spatial linear nucleation. <i>CrystEngComm</i> , 2017, 19, 4983-4991.	2.6	1