

# Xiao-Peng Yang

## List of Publications by Year in descending order

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15  
papers

862  
citations

933447

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h-index

996975

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g-index

15  
all docs

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docs citations

15  
times ranked

1685  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyoxometalate@MOF derived porous carbon-supported MoO <sub>2</sub> /MoS <sub>2</sub> octahedra boosting high-rate lithium storage. Dalton Transactions, 2021, 50, 14595-14601.	3.3	15
2	First principles study on modification of Ni composite SWCNT material system for gas adsorption. Applied Surface Science, 2021, 544, 148765.	6.1	3
3	Preparation of {200} crystal faced SnO <sub>2</sub> nanorods with extremely high gas sensitivity at lower temperature. Rare Metals, 2021, 40, 2004-2016.	7.1	28
4	Polyoxometalate@ZIF Induced CoWO <sub>4</sub> /WS <sub>2</sub> @C-N Nanoflower as a Highly Efficient Catalyst for Zn-Air Batteries. ACS Applied Energy Materials, 2021, 4, 6892-6902.	5.1	12
5	Corn-cob-derived hierarchical porous carbons constructed by re-activation for high-rate lithium-ion capacitors. New Journal of Chemistry, 2019, 43, 10103-10108.	2.8	10
6	Spatially Self-Confined Formation of Ultrafine NiCoO <sub>2</sub> Nanoparticles@Ultralong Amorphous N-Doped Carbon Nanofibers as an Anode towards Efficient Capacitive Li <sup>+</sup> Storage. Chemistry - A European Journal, 2019, 25, 863-873.	3.3	28
7	Oxygen-Vacancy Abundant Ultrafine Co <sub>3</sub> O <sub>4</sub> /Graphene Composites for High-Rate Supercapacitor Electrodes. Advanced Science, 2018, 5, 1700659.	11.2	392
8	Fabrication of p-ZnO:Na/n-ZnO:Na homojunction by surface pulsed laser irradiation. RSC Advances, 2017, 7, 37296-37301.	3.6	9
9	Super-long ZnO nanofibers and novel nucleation mechanism for a gas-phase environment: spatial linear nucleation. CrystEngComm, 2017, 19, 4983-4991.	2.6	1
10	Effect of deposition temperature on transparent conductive properties of <sup>113</sup> CuI film prepared by vacuum thermal evaporation. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 1466-1470.	1.8	68
11	Fully indium-free flexible Ag nanowires/ZnO:F composite transparent conductive electrodes with high haze. Journal of Materials Chemistry A, 2015, 3, 5375-5384.	10.3	125
12	Synthesis of TiO <sub>2</sub> decorated Co <sub>3</sub> O <sub>4</sub> acicular nanowire arrays and their application as an ethanol sensor. Journal of Materials Chemistry A, 2015, 3, 2794-2801.	10.3	73
13	Sodium-Doped ZnO Nanowires Grown by High-Pressure PLD and their Acceptor-Related Optical Properties. Journal of the American Ceramic Society, 2014, 97, 2177-2184.	3.8	26
14	Submicron-Lubricant Based on Crystallized Fe <sub>3</sub> O <sub>4</sub> Spheres for Enhanced Tribology Performance. Chemistry of Materials, 2014, 26, 5113-5119.	6.7	59
15	The influence of annealing temperature on the interface and photovoltaic properties of CdS/CdSe quantum dots sensitized ZnO nanorods solar cells. Journal of Colloid and Interface Science, 2014, 430, 200-206.	9.4	13