

Wanying Lei

List of Publications by Year in descending order

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9
papers

921
citations

1040056
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1474206
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9
docs citations

9
times ranked

1638
citing authors

#	ARTICLE	IF	CITATIONS
1	Black phosphorus nanostructures: recent advances in hybridization, doping and functionalization. <i>Chemical Society Reviews</i> , 2017, 46, 3492-3509.	38.1	309
2	Hybrid 0D/2D black phosphorus quantum dots/graphitic carbon nitride nanosheets for efficient hydrogen evolution. <i>Nano Energy</i> , 2018, 50, 552-561.	16.0	148
3	Bandgap- and Local Field-Dependent Photoactivity of Ag/Black Phosphorus Nanohybrids. <i>ACS Catalysis</i> , 2016, 6, 8009-8020.	11.2	132
4	Anchoring single Pt atoms and black phosphorene dual co-catalysts on CdS nanospheres to boost visible-light photocatalytic H ₂ evolution. <i>Nano Today</i> , 2021, 37, 101080.	11.9	105
5	Anchoring black phosphorus quantum dots on molybdenum disulfide nanosheets: a 0D/2D nanohybrid with enhanced visible and NIR light photoactivity. <i>Applied Catalysis B: Environmental</i> , 2018, 238, 444-453.	20.2	68
6	Visible and NIR Light Responsive Black Phosphorus-Based Nanostructures in Solar Fuel Production and Environmental Remediation. <i>Advanced Materials</i> , 2018, 30, e1804770.	21.0	61
7	PVP-capped CdS nanopopcorns with type-II homojunctions for highly efficient visible-light-driven organic pollutant degradation and hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18458-18468.	10.3	38
8	Recent progress on black phosphorus quantum dots for full-spectrum solar-to-chemical energy conversion. <i>Nano Today</i> , 2021, 39, 101183.	11.9	32
9	Low-dimensional MXenes as noble metal-free co-catalyst for solar-to-fuel production: Progress and prospects. <i>Journal of Materials Science and Technology</i> , 2022, 114, 143-164.	10.7	28