Lin Wang

List of Publications by Year
in descending order

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17	580	623734 14	888059 17
papers	citations	h-index	g-index

17	17	17	1022
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A molecular approach to magnetic metallic nanostructures from metallopolymer precursors. Chemical Society Reviews, 2018, 47, 4934-4953.	38.1	87
2	BiVO₄@TiO₂ coreâ€“shell hybrid mesoporous nanofibers towards efficient visible-light-driven photocatalytic hydrogen production. Journal of Materials Chemistry C, 2019, 7, 7858-7864.	5.5	55
3	3D hierarchical Ni(PO₃)₂nanosheet arrays with superior electrochemical capacitance behavior. Journal of Materials Chemistry A, 2017, 5, 1421-1427.	10.3	52
4	Electrostatic interaction assisted synthesis of a CdS/BCN heterostructure with enhanced photocatalytic effects. Journal of Materials Chemistry C, 2020, 8, 1803-1810.	5.5	48
5	Photodetectors with ultra-high detectivity based on stabilized all-inorganic perovskite CsPb_{0.922}Sn_{0.078}I₃ nanobelts. Journal of Materials Chemistry C, 2018, 6, 6287-6296.	5.5	47
6	Single-crystalline integrated 4H-SiC nanochannel array electrode: toward high-performance capacitive energy storage for robust wide-temperature operation. Materials Horizons, 2018, 5, 883-889.	12.2	43
7	A transparent CdS@TiO₂ nanotextile photoanode with boosted photoelectrocatalytic efficiency and stability. Nanoscale, 2017, 9, 15650-15657.	5.6	40
8	Mass production of Mn²⁺-doped CsPbCl₃ perovskite nanocrystals with high quality and enhanced optical performance. Inorganic Chemistry Frontiers, 2018, 5, 2641-2647.	6.0	30
9	Electron-beam irradiation-hard metal-halide perovskite nanocrystals. Journal of Materials Chemistry A, 2019, 7, 10912-10917.	10.3	30
10	Flexible low-dimensional semiconductor field emission cathodes: fabrication, properties and applications. Journal of Materials Chemistry C, 2017, 5, 10682-10700.	5.5	28
11	Mesoporous Ag@TiO₂ nanofibers and their photocatalytic activity for hydrogen evolution. RSC Advances, 2017, 7, 30051-30059.	3.6	27
12	Electrospun BiVO₄ nanobelts with tailored structures and their enhanced photocatalytic/photoelectrocatalytic activities. CrystEngComm, 2017, 19, 6252-6258.	2.6	23
13	The N and P co-doping-induced giant negative piezoresistance behaviors of SiC nanowires. Journal of Materials Chemistry C, 2019, 7, 3181-3189.	5.5	17
14	Single-crystal N-doped SiC nanochannel array photoanode for efficient photoelectrochemical water splitting. Journal of Materials Chemistry C, 2019, 7, 3173-3180.	5.5	17
15	Graphene/SiC heterojunction nanoarrays: toward field emission applications with low turn-on fields and high stabilities. Journal of Materials Chemistry C, 2019, 7, 13748-13753.	5.5	14
16	Boosting the photoelectrochemical activities of all-inorganic perovskite SrTiO₃ nanofibers by engineering homo/hetero junctions. Journal of Materials Chemistry A, 2018, 6, 17530-17539.	10.3	13
17	Enhanced piezoresistive performance of 3C-SiC nanowires by coupling with ultraviolet illumination. Journal of Materials Chemistry C, 2019, 7, 13384-13389.	5.5	9