

# Lin Wang

## List of Publications by Year in descending order

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17  
papers

580  
citations

623734

14  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1022  
citing authors

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