

# Zhifang Liu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-29

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

8

papers

50

citations

4

h-index

7

g-index

8

ext. papers

85

ext. citations

7.5

avg, IF

1.97

L-index

| # | Paper                                                                                                                                                                                                                 | IF   | Citations |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 8 | Flexible broadband photodetectors enabled by MXene/PbS quantum dots hybrid structure. <i>IEEE Electron Device Letters</i> , <b>2021</b> , 1-1                                                                         | 4.4  | 1         |
| 7 | LiMnO@rGO nanocomposites for high-performance lithium-ion battery cathodes. <i>Nanotechnology</i> , <b>2021</b> , 32, 015402                                                                                          | 3.4  | 2         |
| 6 | Stable Layered Sulfur Nanosheets Prepared by One-Step Liquid-Phase Exfoliation of Natural Sublimed Sulfur with Bovine Serum Albumin for Photocatalysis. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 10476-10481 | 9.6  | 5         |
| 5 | Synthesis of Sub-nanometer Porous Carbon Film for Energy Storage. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 2992-2995                                                                                   | 4.5  |           |
| 4 | Unzipping of black phosphorus to form zigzag-phosphorene nanobelts. <i>Nature Communications</i> , <b>2020</b> , 11, 3917                                                                                             | 17.4 | 21        |
| 3 | Synthesis and superior cathode performance of sandwiched LiMn <sub>2</sub> O <sub>4</sub> @rGO nanocomposites for lithium-ion batteries. <i>Materials Today Advances</i> , <b>2019</b> , 1, 100001                    | 7.4  | 12        |
| 2 | Bottom-Up Construction of Reduced-Graphene-Oxide-Anchored MnO with an Nitrogen-Doped Carbon Coating for Synergistically Improving Lithium-Ion Storage. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 13693-13701     | 5.1  | 9         |
| 1 | Anisotropic electrical properties of aligned PtSe <sub>2</sub> nanoribbon arrays grown by a pre-patterned selective selenization process. <i>Nano Research</i> , 1                                                    | 10   |           |