

# Lyuchao Zhuang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4845399/publications.pdf>

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7  
papers

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1478505

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#	ARTICLE	IF	CITATIONS
1	Modulating Built-in Electric Field via Variable Oxygen Affinity for Robust Hydrogen Evolution Reaction in Neutral Media. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	130
2	Unlocking surface octahedral tilt in two-dimensional Ruddlesden-Popper perovskites. <i>Nature Communications</i> , 2022, 13, 138.	12.8	42
3	Impurity-induced Robust Trionic Effect in Layered Violet Phosphorus. <i>Advanced Optical Materials</i> , 2022, 10, 2101538.	7.3	22
4	The luminescent properties comparison of RE <sub>2</sub> O <sub>3</sub> :Eu (RE=Lu,Y,Sc) with high and low Eu doping concentrations. <i>Journal of Alloys and Compounds</i> , 2019, 781, 302-307.	5.5	17
5	Modulating Built-in Electric Field via Variable Oxygen Affinity for Robust Hydrogen Evolution Reaction in Neutral Media. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	14
6	Mixed dimensional 0D/3D perovskite heterostructure for efficient green light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14318-14326.	5.5	8
7	Enhanced Ion Diffusion in Flexible Ti <sub>3</sub> C <sub>2</sub> T <sub>X</sub> MXene Film for High-performance Supercapacitors. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	5.8	5