

# Xiaohui Liu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Integration of resonant band with asymmetry in ferroelectric tunnel junctions. Npj Computational Materials, 2022, 8, .	8.7	6
2	Diblock Copolymers Containing Titanium-Hybridized Polyhedral Oligomeric Silsesquioxane Used as a Macromolecular Flame Retardant for Epoxy Resin. Polymers, 2022, 14, 1708.	4.5	6
3	Variation between Antiferromagnetism and Ferrimagnetism in NiPS <sub>3</sub> by Electron Doping. Advanced Functional Materials, 2022, 32, .	14.9	28
4	Resonant band engineering of ferroelectric tunnel junctions. Physical Review B, 2021, 104, .	3.2	10
5	Facile Electrodeposition of Amorphous Nickel/Nickel Sulfide Composite Films for High-Efficiency Hydrogen Evolution Reaction. ACS Applied Energy Materials, 2021, 4, 927-933.	5.1	21
6	Atomic-scale fatigue mechanism of ferroelectric tunnel junctions. Science Advances, 2021, 7, eabh2716.	10.3	25
7	Self-trapping effect on the excitonic and polaronic properties of a single-layer 2D metal-halide perovskite. 2D Materials, 2020, 7, 035020.	4.4	6
8	Enhanced Tunneling Electroresistance in Ferroelectric Tunnel Junctions due to the Reversible Metallization of the Barrier. Physical Review Letters, 2016, 116, 197602.	7.8	52
9	$N$ jetteness soft function at next-to-next-to-leading order. Physical Review D, 2015, 91, .	4.7	62
10	Jet vetoes versus giant $K$ factors in the exclusive $Z$ cross section. Physical Review D, 2015, 92, .	4.7	22
11	Electric Control of Spin Injection into a Ferroelectric Semiconductor. Physical Review Letters, 2015, 114, 046601.	7.8	12
12	Polarization-controlled Ohmic to Schottky transition at a metal/ferroelectric interface. Physical Review B, 2013, 88, .	3.2	53
13	Color-singlet contribution to $e^+e^- \rightarrow e^+e^- \mu^+\mu^-$ at the endpoint. Physical Review D, 2007, 76, .	4.7	16