Jie-Xiang Yu

List of Publications by Year
in descending order

17	178	1040056 9	1125743 13
papers	citations	h-index	g-index

17	17	17	373
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Planar Hall Effect in Antiferromagnetic MnTe Thin Films. Physical Review Letters, 2019, 122, 106602.	7.8	29
2	Thermally driven topology in chiral magnets. Physical Review B, 2017, 96, .	3.2	22
3	Giant Magnetoelectric Coupling and Magnetic-Field-Induced Permanent Switching in a Spin Crossover Mn(III) Complex. Inorganic Chemistry, 2021, 60, 6167-6175.	4.0	21
4	Giant perpendicular magnetic anisotropy in Fe/III-V nitride thin films. Science Advances, 2018, 4, eaar7814.	10.3	19
5	Giant nonlinear anomalous Hall effect induced by spin-dependent band structure evolution. Physical Review Research, 2022, 4, .	3.6	14
6	Surface buckling of black phosphorus: Determination, origin, and influence on electronic structure. Physical Review Materials, 2017, 1, .	2.4	13
7	Three Jahn-Teller States of Matter in Spin-Crossover System Mn(taa). Physical Review Letters, 2020, 124, 227201.	7.8	11
8	Crystal structure reconstruction in the surface monolayer of the quantum spin liquid candidate Î±-RuCl3. 2D Materials, 2020, 7, 035004.	4.4	11
9	Phase transition and electronic structure evolution of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoTe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml induced by W substitution. Physical Review B, 2018, 98, .	3.2	9
10	Analysis of Exchange Interactions in Dimers of Mn₃ Single-Molecule Magnets, and Their Sensitivity to External Pressure. Journal of Physical Chemistry C, 2020, 124, 14768-14774.	3.1	8
11	Origin of sp-electron magnetism in graphitic carbon nitride. Journal of Magnetism and Magnetic Materials, 2019, 474, 269-272.	2.3	5
12	Anomalous band inversion protected by symmetry in a topological insulator of the Kane-Mele model. Physical Review B, 2016, 93, .	3.2	4
13	A phase diagram for band inversion of topological materials as a function of interactions between two involved bands. Europhysics Letters, 2016, 113, 17008.	2.0	4
14	Electronic control of strong magnetic anisotropy in Co-based single-molecule magnets. Physical Review B, 2021, 104, .	3.2	3
15	Thermally driven topology in frustrated systems. Physical Review B, 2019, 99, .	3.2	2
16	First-principles study of an <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:mr quasi one-dimensional quantum molecular magnetic material. Physical Review B, 2021, 103, .	3.2	1
17	Discrete quantum geometry and intrinsic spin Hall effect. Physical Review B, 2021, 104, .	3.2	1