

Jie-Xiang Yu

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Giant nonlinear anomalous Hall effect induced by spin-dependent band structure evolution. <i>Physical Review Research</i> , 2022, 4, .	3.6	14
2	Giant Magnetoelectric Coupling and Magnetic-Field-Induced Permanent Switching in a Spin Crossover Mn(III) Complex. <i>Inorganic Chemistry</i> , 2021, 60, 6167-6175.	4.0	21
3	First-principles study of an $S=2$ quasi one-dimensional quantum molecular magnetic material. <i>Physical Review B</i> , 2021, 103, .	3.2	3
4	Electronic control of strong magnetic anisotropy in Co-based single-molecule magnets. <i>Physical Review B</i> , 2021, 104, .	3.2	3
5	Discrete quantum geometry and intrinsic spin Hall effect. <i>Physical Review B</i> , 2021, 104, .	3.2	1
6	Analysis of Exchange Interactions in Dimers of Mn^{3+} Single-Molecule Magnets, and Their Sensitivity to External Pressure. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14768-14774.	3.1	8
7	Three Jahn-Teller States of Matter in Spin-Crossover System Mn^{2+} . <i>Physical Review Letters</i> , 2020, 124, 227201.	7.8	11
8	Crystal structure reconstruction in the surface monolayer of the quantum spin liquid candidate $\Gamma\pm$ - $RuCl_3$. <i>2D Materials</i> , 2020, 7, 035004.	4.4	11
9	Thermally driven topology in frustrated systems. <i>Physical Review B</i> , 2019, 99, .	3.2	2
10	Planar Hall Effect in Antiferromagnetic MnTe Thin Films. <i>Physical Review Letters</i> , 2019, 122, 106602.	7.8	29
11	Origin of sp-electron magnetism in graphitic carbon nitride. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 269-272.	2.3	5
12	Giant perpendicular magnetic anisotropy in Fe/III-V nitride thin films. <i>Science Advances</i> , 2018, 4, eaar7814.	10.3	19
13	Phase transition and electronic structure evolution of $MoTe_2$ induced by W substitution. <i>Physical Review B</i> , 2018, 98, .	3.2	3
14	Thermally driven topology in chiral magnets. <i>Physical Review B</i> , 2017, 96, .	3.2	22
15	Surface buckling of black phosphorus: Determination, origin, and influence on electronic structure. <i>Physical Review Materials</i> , 2017, 1, .	2.4	13
16	Anomalous band inversion protected by symmetry in a topological insulator of the Kane-Mele model. <i>Physical Review B</i> , 2016, 93, .	3.2	4
17	A phase diagram for band inversion of topological materials as a function of interactions between two involved bands. <i>Europhysics Letters</i> , 2016, 113, 17008.	2.0	4