

Junjie Yang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

281
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	In-plane charge fluctuations in bismuth-sulfide superconductors. Physical Review B, 2015, 91, .	3.2	61
2	Elastic and electronic tuning of magnetoresistance in MoTe ₂ . Science Advances, 2017, 3, eaao4949.	10.3	42
3	Aging, memory, and nonhierarchical energy landscape of spin jam. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11806-11810.	7.1	29
4	Nonreciprocal directional dichroism of a chiral magnet in the visible range. Npj Quantum Materials, 2020, 5, .	5.2	24
5	Topological spin/structure couplings in layered chiral magnet Cr _{1/3} TaS ₂ : The discovery of spiral magnetic superstructure. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	21
6	Electronic band tuning under pressure in MoTe ₂ topological semimetal. Npj Quantum Materials, 2019, 4, .	5.2	19
7	Spin jam induced by quantum fluctuations in a frustrated magnet. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11519-11523.	7.1	18
8	The Crystal Structure of Superconducting LaO _{1-x} F _x BiS ₂ . Journal of Superconductivity and Novel Magnetism, 2015, 28, 1255-1259.	1.8	16
9	Developing the Pressure-Temperature-Magnetic Field Phase Diagram of Multiferroic [(CH ₃) ₂ NH] ₂ Mn(HCOO) ₃ . Inorganic Chemistry, 2020, 59, 10083-10090.	4.0	15
10	Emergence of topologically protected states in the MoTe ₂ Weyl semimetal with layer-stacking order. Physical Review B, 2019, 99, .	3.2	11
11	Defect-driven extreme magnetoresistance in an I-Mn-V semiconductor. Applied Physics Letters, 2018, 113, 122105.	3.3	6
12	The magnetic transitions and dynamics in the multiferroic Lu _{0.5} Sc _{0.5} FeO ₃ . MRS Advances, 2016, 1, 565-571.	0.9	4
13	Glassy Behavior and Isolated Spin Dimers in a New Frustrated Magnet BaCr ₉ pGa ₁₂ ~ ⁹ pO ₁₉ . Journal of the Physical Society of Japan, 2016, 85, 094712.	1.6	4
14	High-pressure spectroscopic investigation of multiferroic $\text{Ni}_{1-x}\text{Mn}_x\text{Te}$. Physical Review B, 2018, 98, .	3.2	4
15	Evolution of the structural transition in $\text{Mo}_x\text{W}_{1-x}\text{Te}_2$. Physical Review B, 2020, 102, .	3.2	4
16	Evidence of Nematicity in K _{0.8} Fe _{1.7} Se ₂ . Journal of Superconductivity and Novel Magnetism, 2016, 29, 663-666.	1.8	3