

Xubin Ye

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Emergent physical properties of perovskite-type oxides prepared under high pressure. Dalton Transactions, 2022, 51, 1745-1753.	3.3	12
2	Large magnetic entropy change in weberite-type oxides Cd_3MO_7 (M = Nb, Sb, and Ta). Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	6
3	Realization of a Half Metal with a Record High Curie Temperature in Perovskite Oxides. Advanced Materials, 2022, 34, e2200626.	21.0	16
4	Physical realization of topological Roman surface by spin-induced ferroelectric polarization in cubic lattice. Nature Communications, 2022, 13, 2373.	12.8	6
5	Observation of A -site antiferromagnetic and B -site ferrimagnetic orderings in the quadruple perovskite oxide $\text{Ca}_2\text{CuMn}_2\text{O}_{12}$. Nature Communications, 2021, 12, 1917.	3.2	12
6	Observation of novel charge ordering and spin reorientation in perovskite oxide PbFeO_3 . Nature Communications, 2021, 12, 1917.	12.8	17
7	Os Doping Suppressed Cu^{2+} - Fe Charge Transfer and Induced Structural and Magnetic Phase Transitions in $\text{LaCu}_3\text{Fe}_4\text{Os}_x\text{O}_{12}$ ($x = 1$ and $T_{\text{Q}} = 0$ K, $T_{\text{BT}}/\text{Overl}$).	4.0	0
8	Enhancement of A -site Mn^{3+} spin ordering by B-site Mn^{4+} substitution in quadruple perovskite $\text{PbMn}_3\text{Cr}_3\text{MnO}_{12}$. Applied Physics Letters, 2021, 118, 262403.	3.3	1
9	Magnetic and electric field dependent anisotropic magnetoelectric multiferroicity in SmO_{12} . Physical Review B, 2021, 104, .	3.2	9
10	High-Pressure Synthesis and Magnetism of the $4H$ - BaMnO_3 Single Crystal and Its $6H$ -Type Polymorph. Inorganic Chemistry, 2021, 60, 16308-16315.	4.0	8
11	A - B Intersite Cooperation-Enhanced Water Splitting in Quadruple Perovskite Oxide $\text{CaCu}_3\text{Ir}_4\text{O}_{12}$. Chemistry of Materials, 2021, 33, 9295-9305.	6.7	11
12	Quadruple perovskite oxide $\text{LaCu}_3\text{Co}_2\text{Re}_2\text{O}_{12}$: A ferrimagnetic half metal with nearly 100% B-site degree of order. Applied Physics Letters, 2020, 117, .	3.3	14
13	High-Pressure Synthesis of a B-site $\text{Co}^{2+}/\text{Mn}^{4+}$ Disordered Quadruple Perovskite $\text{LaMn}_3\text{Co}_2\text{Mn}_2\text{O}_{12}$. Inorganic Chemistry, 2020, 59, 12445-12452.	4.0	4
14	High-temperature ferromagnetic semiconductor with a field-tunable green fluorescent effect. NPC Asia Materials, 2020, 12, .	7.9	7
15	High-pressure synthesis and spin glass behavior of a Mn/Ir disordered quadruple perovskite $\text{CaCu}_3\text{Mn}_2\text{Ir}_2\text{O}_{12}$. Journal of Physics Condensed Matter, 2020, 32, 075701.	1.8	15
16	Suppression of magnetoelectric effects in DyCrO_4 by chemical doping. Applied Physics Letters, 2020, 116, 052901.	3.3	2
17	High-Pressure Synthesis of Two Polymorphic HgMnO_3 Phases and Distinct Magnetism from 2D to 3D. Inorganic Chemistry, 2020, 59, 3887-3893.	4.0	5

#	ARTICLE	IF	CITATIONS
19	Sequential Spin State Transition and Intermetallic Charge Transfer in PbCoO_3 . Journal of the American Chemical Society, 2020, 142, 5731-5741.	13.7	35
20	Multiple magnetic transitions and electrical transport transformation of a $\text{BaFe}_3\text{O}_{12}$ cubic perovskite single crystal. Physical Review B, 2020, 101, .	3.2	7
21	Near-Room-Temperature Ferrimagnetic Ordering in a B-Site-Disordered $3d^5$ -Hybridized Quadruple Perovskite Oxide, $\text{CaCu}_3\text{Mn}_2\text{Os}_2\text{O}_{12}$. Inorganic Pentavalent Vanadium Oxide. https://doi.org/10.1021/acs.inorg.1c01535	4.0	14
22	$\text{C}_2\text{d}_2\text{I}_2\text{r}_2$	3.2	8