

Yong Fang

List of Publications by Year in descending order

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25
papers

300
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840776

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25
docs citations

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times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupled electronic and magnetic relaxation in Fe _{1+y} Te: direct evidence for the interaction between itinerant carriers and local moments. Journal of Physics Condensed Matter, 2022, 34, 025601.	1.8	0
2	Anisotropic large magnetoresistance and Fermi surface topology of terbium monoantimonide. Materials Today Physics, 2022, 24, 100657.	6.0	3
3	Electrocatalytically inactive copper improves the water adsorption/dissociation on Ni ₃ S ₂ for accelerated alkaline and neutral hydrogen evolution. Nanoscale, 2021, 13, 2456-2464.	5.6	25
4	Topological quantum phase transition in the magnetic semimetal HoSb. Journal of Materials Chemistry C, 2021, 9, 6996-7004.	5.5	4
5	Giant linear magnetoresistance in half-metallic Sr ₂ CrMoO ₆ thin films. Npj Quantum Materials, 2021, 6, .	5.2	15
6	Quantum oscillations and quasilinear magnetoresistance in the topological semimetal candidate ScSn . Physical Review B, 2021, 104, .	3.2	1
7	Mechanical Regulation of the Magnetic Properties of Uniaxial Anisotropic Hexaferrite Thin Films. Physical Review Applied, 2021, 16, .	3.8	7
8	Colossal Magnetoresistance in Ti Lightly Doped Cr ₂ Se ₃ Single Crystals with a Layered Structure. ACS Applied Materials & Interfaces, 2021, 13, 58949-58955.	8.0	7
9	Anisotropic and extreme magnetoresistance in the magnetic semimetal candidate erbium monobismuthide. Physical Review B, 2020, 102, .	3.2	12
10	Magnetic-field-induced nontrivial electronic state in the Kondo-lattice semimetal CeSb. Physical Review B, 2020, 101, .	3.2	18
11	Complex magnetic structure in Ba ₅ O ₁₂ with isolated RuO_3 . Physical Review Materials, 2020, 4, .	2.4	1
12	Pressure effect on the topologically nontrivial electronic state and transport of lutecium monobismuthide. Physical Review Materials, 2020, 4, .	2.4	7
13	Multiple metamagnetism, extreme magnetoresistance and nontrivial topological electronic structures in the magnetic semimetal candidate holmium monobismuthide. New Journal of Physics, 2019, 21, 093063.	2.9	12
14	Tuning the Ground State and Its Relationship to Zero-Field-Cooled Exchange Bias in NiMnSnAl Alloys. Journal of Superconductivity and Novel Magnetism, 2019, 32, 3243-3249.	1.8	3
15	Extremely large magnetoresistance in the antiferromagnetic semimetal GdSb. Journal of Materials Chemistry C, 2018, 6, 3026-3033.	5.5	32
16	Nanoporous PdCe bimetallic nanocubes with high catalytic activity towards ethanol electro-oxidation and the oxygen reduction reaction in alkaline media. Journal of Materials Chemistry A, 2018, 6, 23560-23568.	10.3	38
17	Extremely large magnetoresistance in the nonmagnetic semimetal YBi. Journal of Materials Chemistry C, 2018, 6, 10020-10029.	5.5	13
18	Magnetic properties and exchange bias effect of Y _{2-x} Sr _x CoMnO ₆ (0 ≤ x ≤ 0.5) double perovskites. Journal of Materials Science: Materials in Electronics, 2018, 29, 17818-17825.	2.2	2

#	ARTICLE	IF	CITATIONS
19	Facile Synthesis of Nanoporous Pt-Y alloy with Enhanced Electrocatalytic Activity and Durability. Scientific Reports, 2017, 7, 41826.	3.3	46
20	Studies on structural, optical, and photoelectric properties of CdS _{1-x} Se _x films fabricated by selenization of chemical bath deposited CdS films. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1600664.	1.8	2
21	Intermartensitic Transformation and Enhanced Exchange Bias in Pd (Pt) -doped Ni-Mn-Sn alloys. Scientific Reports, 2016, 6, 25911.	3.3	15
22	Magnetic manipulation of electric orders in Co ₄ NbTaO ₉ . RSC Advances, 2016, 6, 95038-95043.	3.6	5
23	Modulated multiferroic properties of MnWO ₄ via chemical doping. RSC Advances, 2016, 6, 3219-3223.	3.6	5
24	Magnetic Field Induced Dielectric Anomaly and Electric Polarization in Co ₄ Ta ₂ O ₉ . Journal of the American Ceramic Society, 2015, 98, 2005-2007.	3.8	24
25	Pressure evolution of electronic and structural properties in transition metal dichalcogenide 1T-Co _{1.06} Te ₂ . Journal of Physics Condensed Matter, 0, , .	1.8	3