

Yong Fang

List of Publications by Year in descending order

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25
papers

300
citations

840776

11
h-index

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docs citations

25
times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Synthesis of Nanoporous Pt-Y alloy with Enhanced Electrocatalytic Activity and Durability. <i>Scientific Reports</i> , 2017, 7, 41826.	3.3	46
2	Nanoporous PdCe bimetallic nanocubes with high catalytic activity towards ethanol electro-oxidation and the oxygen reduction reaction in alkaline media. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23560-23568.	10.3	38
3	Extremely large magnetoresistance in the antiferromagnetic semimetal GdSb. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3026-3033.	5.5	32
4	Electrocatalytically inactive copper improves the water adsorption/dissociation on Ni ₃ S ₂ for accelerated alkaline and neutral hydrogen evolution. <i>Nanoscale</i> , 2021, 13, 2456-2464.	5.6	25
5	Magnetic-Field-Induced Dielectric Anomaly and Electric Polarization in Co ₄ Ta ₂ O ₉ . <i>Journal of the American Ceramic Society</i> , 2015, 98, 2005-2007.	3.8	24
6	Magnetic-field-induced nontrivial electronic state in the Kondo-lattice semimetal CeSb. <i>Physical Review B</i> , 2020, 101, .	3.2	18
7	Intermartensitic Transformation and Enhanced Exchange Bias in Pd (Pt) -doped Ni-Mn-Sn alloys. <i>Scientific Reports</i> , 2016, 6, 25911.	3.3	15
8	Giant linear magnetoresistance in half-metallic Sr ₂ CrMoO ₆ thin films. <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	15
9	Extremely large magnetoresistance in the nonmagnetic semimetal YBi. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10020-10029.	5.5	13
10	Multiple metamagnetism, extreme magnetoresistance and nontrivial topological electronic structures in the magnetic semimetal candidate holmium monobismuthide. <i>New Journal of Physics</i> , 2019, 21, 093063.	2.9	12
11	Anisotropic and extreme magnetoresistance in the magnetic semimetal candidate erbium monobismuthide. <i>Physical Review B</i> , 2020, 102, .	3.2	12
12	Pressure effect on the topologically nontrivial electronic state and transport of lutecium monobismuthide. <i>Physical Review Materials</i> , 2020, 4, .	2.4	7
13	Mechanical Regulation of the Magnetic Properties of Uniaxial Anisotropic Hexaferrite Thin Films. <i>Physical Review Applied</i> , 2021, 16, .	3.8	7
14	Colossal Magnetoresistance in Ti Lightly Doped Cr ₂ Se ₃ Single Crystals with a Layered Structure. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 58949-58955.	8.0	7
15	Magnetic manipulation of electric orders in Co ₄ NbTaO ₉ . <i>RSC Advances</i> , 2016, 6, 95038-95043.	3.6	5
16	Modulated multiferroic properties of MnWO ₄ via chemical doping. <i>RSC Advances</i> , 2016, 6, 3219-3223.	3.6	5
17	Topological quantum phase transition in the magnetic semimetal HoSb. <i>Journal of Materials Chemistry C</i> , 2021, 9, 6996-7004.	5.5	4
18	Tuning the Ground State and Its Relationship to Zero-Field-Cooled Exchange Bias in NiMnSnAl Alloys. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 3243-3249.	1.8	3

#	ARTICLE	IF	CITATIONS
19	Anisotropic large magnetoresistance and Fermi surface topology of terbium monoantimonide. <i>Materials Today Physics</i> , 2022, 24, 100657.	6.0	3
20	Pressure evolution of electronic and structural properties in transition metal dichalcogenide 1T-Co _{1.06} Te ₂ . <i>Journal of Physics Condensed Matter</i> , 0, , .	1.8	3
21	Studies on structural, optical, and photoelectric properties of CdS _{1-x} Se _x films fabricated by selenization of chemical bath deposited CdS films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1600664.	1.8	2
22	Magnetic properties and exchange bias effect of Y ₂ xSr _x CoMnO ₆ (0 ≤ x ≤ 0.5) double perovskites. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 17818-17825.	2.2	2
23	Complex magnetic structure in Ba ₅ O ₁₂ with isolated O^{2-} ions. <i>Physical Review B</i> , 2021, 104, .	2.4	1
24	Quantum oscillations and quasilinear magnetoresistance in the topological semimetal candidate Sc ₃ S ₂ . <i>Physical Review B</i> , 2021, 104, .	3.2	1
25	Coupled electronic and magnetic relaxation in Fe _{1+y} Te: direct evidence for the interaction between itinerant carriers and local moments. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 025601.	1.8	0