

Hai Feng Li

List of Publications by Year in descending order

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66
papers

1,537
citations

361413

20
h-index

330143

37
g-index

70
all docs

70
docs citations

70
times ranked

2276
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of cation substitution on the pseudocapacitive performance of spinel cobaltite MCo_2O_4 (M = Mn, Ni, Cu, and Co). <i>Journal of Materials Chemistry A</i> , 2018, 6, 10674-10685.	10.3	266
2	Novel Molecular Doping Mechanism for n-Doping of SnO_2 via Triphenylphosphine Oxide and Its Effect on Perovskite Solar Cells. <i>Advanced Materials</i> , 2019, 31, e1805944.	21.0	152
3	Achieving long-life Prussian blue analogue cathode for Na-ion batteries via triple-cation lattice substitution and coordinated water capture. <i>Nano Energy</i> , 2019, 61, 201-210.	16.0	121
4	Can machine learning predict drug nanocrystals?. <i>Journal of Controlled Release</i> , 2020, 322, 274-285.	9.9	52
5	Side-Chain Engineering of Donor-Acceptor Conjugated Small Molecules As Dopant-Free Hole-Transport Materials for Efficient Normal Planar Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 48556-48563.	8.0	49
6	An asymmetric supercapacitor with excellent cycling performance realized by hierarchical porous NiGa_2O_4 nanosheets. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19046-19053.	10.3	48
7	Magnetic phase diagram of magnetoelectric LiMnPO_4 . <i>Physical Review B</i> , 2012, 85, .	3.2	47
8	Computer-Aided Formulation Design for a Highly Soluble Lutein-Cyclodextrin Multiple-Component Delivery System. <i>Molecular Pharmaceutics</i> , 2018, 15, 1664-1673.	4.6	46
9	An interface-reinforced rhombohedral Prussian blue analogue in semi-solid state electrolyte for sodium-ion battery. <i>Energy Storage Materials</i> , 2021, 36, 99-107.	18.0	36
10	Tension-Tailored Electronic and Magnetic Switching of 2D Ti_2NO_2 . <i>Journal of Physical Chemistry C</i> , 2017, 121, 25729-25735.	3.1	33
11	$\text{Na}_3\text{NH}_2\text{B}_{12}\text{H}_{12}$ as high performance solid electrolyte for all-solid-state Na-ion batteries. <i>Journal of Power Sources</i> , 2018, 396, 574-579.	7.8	32
12	Size effect of curcumin nanocrystals on dissolution, airway mucosa penetration, lung tissue distribution and absorption by pulmonary delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110703.	5.0	29
13	Integrated in silico formulation design of self-emulsifying drug delivery systems. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3585-3594.	12.0	28
14	High-Performance Semitransparent and Bifacial Perovskite Solar Cells with $\text{MoO}_x/\text{Ag}/\text{WO}_x$ as the Rear Transparent Electrode. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000591.	3.7	26
15	Predicting drug/phospholipid complexation by the lightGBM method. <i>Chemical Physics Letters</i> , 2020, 747, 137354.	2.6	26
16	Crystal and magnetic structure of single-crystal $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ($x \approx 1/8$). <i>European Physical Journal B</i> , 2009, 67, 149-157.	1.5	24
17	Possible magnetic-polaron-switched positive and negative magnetoresistance in the GdSi single crystals. <i>Scientific Reports</i> , 2012, 2, 750.	3.3	24
18	Metal Phosphides Embedded with In Situ-Formed Metal Phosphate Impurities as Buffer Materials for High-Performance Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2101413.	19.5	24

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19	Magnetic and lattice coupling in single-crystal SrFe ₂ As ₂ : A neutron scattering study. Physical Review B, 2009, 80, .	3.2	23
20	Magnetic form factor of iron in SrFe_2As_2 . Physical Review B, 2010, 81, .	3.2	23
21	Incommensurate antiferromagnetic order in the manifoldly-frustrated SrTb ₂ O ₄ with transition temperature up to 4.28 K. Frontiers in Physics, 2014, 2, .	2.1	20
22	High-temperature magnetism and crystallography of a YCrO_3 single crystal. Physical Review B, 2020, 101, .	3.2	18
23	Magnetic structures and interplay between rare-earth Ce and Fe magnetism in single-crystal CeFeAsO. Physical Review B, 2013, 88, .	3.2	18
24	Possible ground states and parallel magnetic-field-driven phase transitions of collinear antiferromagnets. Npj Computational Materials, 2016, 2, .	8.7	17
25	Brij-grafted-chitosan copolymers with function of P-glycoprotein modulation: Synthesis, characterization and in vitro investigations. Carbohydrate Polymers, 2019, 204, 89-96.	10.2	17
26	[Fe(CN) ₆] vacancy-boosting oxygen evolution activity of Co-based Prussian blue analogues for hybrid sodium-air battery. Materials Today Energy, 2021, 20, 100572.	4.7	17
27	Possible Dirac quantum spin liquid in the kagome quantum antiferromagnet YCrO_3 .		

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37	Disorder-induced spin-liquid-like behavior in kagome-lattice compounds. <i>Physical Review B</i> , 2020, 102, .	3.2	12
38	Na ₂ Ga ₂ Cl: a new sodium-rich chalcogenide with two-dimensional [GaS ₂] _n layers and wide interlayer space. <i>Dalton Transactions</i> , 2021, 50, 11167-11172.	3.3	12
39	Super-Necking Crystal Growth and Structural and Magnetic Properties of SrTb ₂ O ₄ Single Crystals. <i>ACS Omega</i> , 2020, 5, 16584-16594.	3.5	11
40	Insight into the Dissolution Molecular Mechanism of Ternary Solid Dispersions by Combined Experiments and Molecular Simulations. <i>AAPS PharmSciTech</i> , 2019, 20, 274.	3.3	10
41	Crystal growth engineering and origin of the weak ferromagnetism in antiferromagnetic matrix of orthochromates from t-e orbital hybridization. <i>IScience</i> , 2022, 25, 104111.	4.1	10
42	Absence of magnetic ordering in the ground state of a SrTm ₂ O ₄ single crystal. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7658-7668.	5.5	9
43	Understanding the Impact of Cu-In-Ga-S Nanoparticles Compactness on Holes Transfer of Perovskite Solar Cells. <i>Nanomaterials</i> , 2019, 9, 286.	4.1	9
44	Unveiling the Origin of Catalytic Sites of Pt Nanoparticles Decorated on Oxygen-Deficient Vanadium-Doped Cobalt Hydroxide Nanosheet for Hybrid Sodium-Air Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 7464-7473.	5.1	9
45	Growth, spectroscopic features and efficient 2.14 μm continuous-wave laser output of a Tm ³⁺ :Gd _{0.1} Y _{0.9} AlO ₃ disordered crystal. <i>Optics and Laser Technology</i> , 2020, 131, 106421.	4.6	9
46	Crystalline and magnetic structures, magnetization, heat capacity, and anisotropic magnetostriction effect in a yttrium-chromium oxide. <i>Physical Review Materials</i> , 2020, 4, .	2.4	9
47	Broadband near-infrared persistent luminescence in Ni ²⁺ -doped transparent glass-ceramic ZnGa ₂ O ₄ . <i>New Journal of Chemistry</i> , 2022, 46, 851-856.	2.8	9
48	Distinct itinerant spin-density waves and local-moment antiferromagnetism in an intermetallic ErPd ₂ Si ₂ single crystal. <i>Scientific Reports</i> , 2015, 5, 7968.	3.3	8
49	Development of in silico methodology for siRNA lipid nanoparticle formulations. <i>Chemical Engineering Journal</i> , 2022, 442, 136310.	12.7	7
50	Integrated computer-aided formulation design: A case study of andrographolide/ cyclodextrin ternary formulation. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 494-507.	9.1	6
51	Ultrathin high anisotropic magnetoresistance Ni _{0.81} Fe _{0.19} films. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 4915-4919.	2.8	4
52	Unconventional Antiferromagnetic Quantum Critical Point in Ba(Fe _{0.97} Cr _{0.03}) ₂ (As _{1-x} Px) ₂ . <i>Physical Review Letters</i> , 2019, 122, 037001.	7.8	4
53	Single-Crystal Synthesis of μ-Fe ₂ O ₃ -Type Oxides Exhibiting Room-Temperature Ferrimagnetism and Ferroelectric Polarization. <i>Crystal Growth and Design</i> , 2021, 21, 4904-4908.	3.0	4
54	Investigation on high magnetoresistance Ni _{0.81} Fe _{0.19} films grown on (Ni _{0.81} Fe _{0.19}) _{1-x} Crx underlayers. <i>Science Bulletin</i> , 2003, 48, 1087.	1.7	4

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55	Soft X-ray resonant scattering study of single-crystal LaSr ₂ Mn ₂ O ₇ . European Physical Journal B, 2010, 74, 457-461.	1.5	3
56	LnCu ₃ (OH) ₆ Cl ₃ (Ln = Gd, Tb, Dy): Heavy lanthanides on spin-1/2 kagome magnets*. Chinese Physics B, 2021, 30, 100601.	1.4	3
57	Reducing systemic absorption and macrophages clearance of genistein by lipid-coated nanocrystals for pulmonary delivery. Chinese Chemical Letters, 2023, 34, 107484.	9.0	3
58	Structural evolution of single-crystal RECrO ₃ (RE = Y, Eu–Lu) orthochromates. Journal of Solid State Chemistry, 2022, 313, 123298.	2.9	3
59	Colossal Negative Magnetoresistance Effect in a La _{1.37} Sr _{1.63} Mn ₂ O ₇ Single Crystal Grown by Laser-Diode-Heated Floating-Zone Technique. Crystals, 2020, 10, 547.	2.2	2
60	Broadened effect of Dy around 3Å ^{1/4} m of Yb/Er/Dy: PbF ₂ crystal for broadband tunable lasers. Journal of the American Ceramic Society, 2020, 103, 4445-4452.	3.8	2
61	Tailoring large magnetoresistance in Dirac semimetal SrIrO ₃ films. Applied Physics Letters, 2021, 119, .	3.3	2
62	Temperature-dependent structure and magnetization of YCrO ₃ compound. Chinese Physics B, 0, , .	1.4	2
63	Crystal field effects in the zig-zag chain compound SrTm ₂ O ₄ . Journal of Magnetism and Magnetic Materials, 2022, 551, 169020.	2.3	1
64	Temperature-dependent structure of an intermetallic ErPd ₂ Si ₂ single crystal: a combined synchrotron and in-house X-ray diffraction study. Powder Diffraction, 0, , 1-7.	0.2	1
65	Dzyaloshinskii-Moriya anisotropy effect on field-induced magnon condensation in the kagome antiferromagnet $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \hat{\pm} \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \hat{a}^{\prime} \langle \text{mml:mtext} \rangle \langle \text{mml:msub} \rangle$ Physical Review B, 2021, 104, .	3.2	0
66	Enhancement of room-temperature magnetization in GaFeO ₃ -type single crystals by Al and Sc doping. AIP Advances, 2022, 12, 065015.	1.3	0