Hai Feng Li

List of Publications by Year
in descending order

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	Reducing systemic absorption and macrophages clearance of genistein by lipid-coated nanocrystals for pulmonary delivery. Chinese Chemical Letters, 2023, 34, 107484.	9.0	3
2	Crystal field effects in the zig-zag chain compound SrTm2O4. Journal of Magnetism and Magnetic Materials, 2022, 551, 169020.	2.3	1
3	Broadband near-infrared persistent luminescence in Ni²⁺-doped transparent glass-ceramic ZnGa₂O₄. New Journal of Chemistry, 2022, 46, 851-856.	2.8	9
4	Possible Dirac quantum spin liquid in the kagome quantum antiferromagnet <mml:math		

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19	Dzyaloshinskii-Moriya anisotropy effect on field-induced magnon condensation in the kagome antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub Physical Review B, 2021, 104, .	3.2	0
20	Size effect of curcumin nanocrystals on dissolution, airway mucosa penetration, lung tissue distribution and absorption by pulmonary delivery. Colloids and Surfaces B: Biointerfaces, 2020, 186, 110703.	5.0	29
21	Super-Necking Crystal Growth and Structural and Magnetic Properties of SrTb₂O₄ Single Crystals. ACS Omega, 2020, 5, 16584-16594.	3.5	11
22	Colossal Negative Magnetoresistance Effect in a La1.37Sr1.63Mn2O7 Single Crystal Grown by Laser-Diode-Heated Floating-Zone Technique. Crystals, 2020, 10, 547.	2.2	2
23	Unveiling the Origin of Catalytic Sites of Pt Nanoparticles Decorated on Oxygen-Deficient Vanadium-Doped Cobalt Hydroxide Nanosheet for Hybrid Sodiumâ€“Air Batteries. ACS Applied Energy Materials, 2020, 3, 7464-7473.	5.1	9
24	Enhanced magnetocaloric effect and magnetic phase diagrams of single-crystal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>GdCrO</mml:mi><mml:mn>3</mml:mn></mml:msub></ Physical Review B, 2020, 102, .	3.2	16
25	Highâ€Performance Semitransparent and Bifacial Perovskite Solar Cells with MoO_x/Ag/WO_x as the Rear Transparent Electrode. Advanced Materials Interfaces, 2020, 7, 2000591.	3.7	26
26	Disorder-induced spin-liquid-like behavior in kagome-lattice compounds. Physical Review B, 2020, 102, .	3.2	12
27	Broadened effect of Dy around 3ÂĨ¼m of Yb/Er/Dy: PbF 2 crystal for broadband tunable lasers. Journal of the American Ceramic Society, 2020, 103, 4445-4452.	3.8	2
28	Predicting drug/phospholipid complexation by the lightGBM method. Chemical Physics Letters, 2020, 747, 137354.	2.6	26
29	Growth, spectroscopic features and efficient 2ÂĨ¼m continuous-wave laser output of a Tm3+: Gd0.1Y0.9AlO3 disordered crystal. Optics and Laser Technology, 2020, 131, 106421.	4.6	9
30	High-temperature magnetism and crystallography of a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YCrO</mml:mi><mml:mn>3</mml:mn></mml:msub></ single crystal. Physical Review B, 2020, 101, .	3.2	19
31	Can machine learning predict drug nanocrystals?. Journal of Controlled Release, 2020, 322, 274-285.	9.9	52
32	Crystalline and magnetic structures, magnetization, heat capacity, and anisotropic magnetostriction effect in a yttrium-chromium oxide. Physical Review Materials, 2020, 4, .	2.4	9
33	Insight into the Dissolution Molecular Mechanism of Ternary Solid Dispersions by Combined Experiments and Molecular Simulations. AAPS PharmSciTech, 2019, 20, 274.	3.3	10
34	Solutionâ€Processed Perovskite Microdisk for Coherent Light Emission. Advanced Optical Materials, 2019, 7, 1900678.	7.3	12
35	Efficiently strengthen and broaden 3â€Î¼m fluorescence in PbF2 crystal by Er3+/Ho3+ as co-luminescence centers and Pr3+ deactivation. Journal of Alloys and Compounds, 2019, 811, 152027.	5.5	12
36	Novel Molecular Doping Mechanism for nâ€Doping of SnO₂ via Triphenylphosphine Oxide and Its Effect on Perovskite Solar Cells. Advanced Materials, 2019, 31, e1805944.	21.0	152

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37	Unconventional Antiferromagnetic Quantum Critical Point in Ba(Fe0.97Cr0.03)2(As1â^'xPx)2. Physical Review Letters, 2019, 122, 037001.	7.8	4
38	Achieving long-life Prussian blue analogue cathode for Na-ion batteries via triple-cation lattice substitution and coordinated water capture. Nano Energy, 2019, 61, 201-210.	16.0	121
39	Understanding the Impact of Cu-In-Ga-S Nanoparticles Compactness on Holes Transfer of Perovskite Solar Cells. Nanomaterials, 2019, 9, 286.	4.1	9
40	Side-Chain Engineering of Donorâ€“Acceptor Conjugated Small Molecules As Dopant-Free Hole-Transport Materials for Efficient Normal Planar Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 48556-48563.	8.0	49
41	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
42	Computer-Aided Formulation Design for a Highly Soluble Luteinâ€“Cyclodextrin Multiple-Component Delivery System. Molecular Pharmaceutics, 2018, 15, 1664-1673.	4.6	46
43	Effect of cation substitution on the pseudocapacitive performance of spinel cobaltite MCo₂O₄ (M = Mn, Ni, Cu, and Co). Journal of Materials Chemistry A, 2018, 6, 10674-10685.	10.3	266
44	Three Dimensional Functionalized Carbon/Tin(IV) Sulfide Biofoam for Photocatalytical Purification of Chromium(VI)-Containing Wastewater. ACS Sustainable Chemistry and Engineering, 2018, 6, 10660-10667.	6.7	15
45	Na3NH2B12H12 as high performance solid electrolyte for all-solid-state Na-ion batteries. Journal of Power Sources, 2018, 396, 574-579.	7.8	32
46	An asymmetric supercapacitor with excellent cycling performance realized by hierarchical porous NiGa₂O₄ nanosheets. Journal of Materials Chemistry A, 2017, 5, 19046-19053.	10.3	48
47	Tension-Tailored Electronic and Magnetic Switching of 2D Ti₂NO₂. Journal of Physical Chemistry C, 2017, 121, 25729-25735.	3.1	33
48	Possible ground states and parallel magnetic-field-driven phase transitions of collinear antiferromagnets. Npj Computational Materials, 2016, 2, .	8.7	17
49	Distinct itinerant spin-density waves and local-moment antiferromagnetism in an intermetallic ErPd2Si2 single crystal. Scientific Reports, 2015, 5, 7968.	3.3	8
50	Absence of magnetic ordering in the ground state of a SrTm2O4 single crystal. Journal of Materials Chemistry C, 2015, 3, 7658-7668.	5.5	9
51	Incommensurate antiferromagnetic order in the manifoldly-frustrated SrTb2O4 with transition temperature up to 4.28 K. Frontiers in Physics, 2014, 2, .	2.1	20
52	Magnetization, crystal structure and anisotropic thermal expansion of single-crystal SrEr2O4. RSC Advances, 2014, 4, 53602-53607.	3.6	13
53	Magnetic structures and interplay between rare-earth Ce and Fe magnetism in single-crystal CeFeAsO. Physical Review B, 2013, 88, .	3.2	18
54	Possible magnetic-polaron-switched positive and negative magnetoresistance in the GdSi single crystals. Scientific Reports, 2012, 2, 750.	3.3	24

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55	Magnetic phase diagram of magnetoelectric LiMnPO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	3.2	47
56	Soft X-ray resonant scattering study of single-crystal LaSr2Mn2O7. European Physical Journal B, 2010, 74, 457-461.	1.5	3
57	Neutron Scattering Studies of LiCoPO₄& LiMnPO₄. Journal of Physics: Conference Series, 2010, 251, 012005.	0.4	12
58	Magnetic form factor of iron in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2010, 81, .	3.2	21
59	Magnetic and lattice coupling in single-crystalSrFe2As2: A neutron scattering study. Physical Review B, 2009, 80, .	3.2	23
60	Crystal and magnetic structure of single-crystal La1-x Sr x MnO 3 (x â‰ˆ 1/8). European Physical Journal B, 2009, 67, 149-157.	1.5	24
61	Neutron-diffraction study of structural transition and magnetic order in orthorhombic and rhombohedral La7/8Sr1/8Mn1â^'Î³O3+Î´. Journal of Physics Condensed Matter, 2007, 19, 176226.	1.8	14
62	Correlation between structural and magnetic properties of La7/8Sr1/8Mn1â^'Î³O3+Î´with controlled nonstoichiometry. Journal of Physics Condensed Matter, 2007, 19, 016003.	1.8	15
63	Ultrathin high anisotropic magnetoresistance Ni0.81Fe0.19 films. Journal Physics D: Applied Physics, 2006, 39, 4915-4919.	2.8	4
64	Investigation on high magnetoresistance Ni0.81Fe0.19 films grown on (Ni0.81Fe0.19)1-xCrx underlayers. Science Bulletin, 2003, 48, 1087.	1.7	4
65	Temperature-dependent structure and magnetization of YCrO3 compound. Chinese Physics B, 0, , .	1.4	2
66	Temperature-dependent structure of an intermetallic ErPd₂Si₂ single crystal: a combined synchrotron and in-house X-ray diffraction study. Powder Diffraction, 0, , 1-7.	0.2	1