

Shengli Liu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

192
citations

1163117

8
h-index

1125743

13
g-index

25
all docs

25
docs citations

25
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicted high-temperature superconductivity in cerium hydrides at high pressures. Journal of Applied Physics, 2019, 126, .	2.5	23
2	Highly Sensitive Refractive Index Sensing Based on Photonic Spin Hall Effect and Its Application on Cancer Detection. IEEE Sensors Journal, 2022, 22, 12754-12760.	4.7	22
3	Temperature-dependent luminescent properties of Cr ³⁺ doped ZnGa ₂ O ₄ far-red emitting phosphor. Optical Materials, 2021, 116, 111104.	3.6	19
4	La-doping effect on spin-orbit coupled Sr ₂ IrO ₄ probed by x-ray absorption spectroscopy. New Journal of Physics, 2016, 18, 093019.	2.9	18
5	Effect of NaAlO ₂ sealing on corrosion resistance of 2024 aluminum alloy anodized film. Materials and Corrosion - Werkstoffe Und Korrosion, 2019, 70, 120-127.	1.5	18
6	Synergistic Corrosion Inhibition Effect of Molybdate and Phosphate Ions for Anodic Oxidation Film Formed on 2024 Aluminum Alloy. Journal Wuhan University of Technology, Materials Science Edition, 2019, 34, 426-432.	1.0	14
7	Role of valence changes and nanoscale atomic displacements in BiS ₂ -based superconductors. Scientific Reports, 2016, 6, 37394.	3.3	9
8	Electron Transfer and Local Atomic Displacement in Sr _{1-x} Ce _x BiS ₂ Revealed by X-ray Absorption Spectroscopy. Journal of Physical Chemistry C, 2017, 121, 8525-8530.	3.1	9
9	A critical point in Sr ₂ -IrO ₄ and less distorted IrO ₆ octahedra induced by deep Sr-vacancies. Materials Research Bulletin, 2017, 90, 1-7.	5.2	8
10	Design of broadband impedance-matching Bessel lens with acoustic metamaterials. Journal of Applied Physics, 2019, 126, .	2.5	7
11	Role of local structure distortion in the suppression of superconductivity for Eu ₃ -Sr Bi ₂ S ₄ F ₄ system. Journal of Alloys and Compounds, 2018, 743, 547-552.	5.5	6
12	Non-monotonic effect of the electronic transport and magnetic properties in a Sm-doped Sr _{2-x} Sm _x IrO ₄ system. Europhysics Letters, 2018, 124, 17004.	2.0	6
13	Weak ferromagnetic insulator with huge coercivity in monoclinic double perovskite La ₂ Cu ₂ IrO ₆ . Journal of Physics Condensed Matter, 2019, 31, 435601.	1.8	6
14	Phase transitions and superconductivity in ternary hydride Li ₂ SiH ₆ at high pressures. Journal of Applied Physics, 2022, 131, .	2.5	6
15	Charge redistribution and a shortening of the Fe-As bond at the quantum critical point of SmO _{1-x} F _x FeAs. Journal of Synchrotron Radiation, 2015, 22, 1030-1034.	2.4	5
16	An Overview on the Research of Iron-Based High-T _c Superconductors Probed by X-ray Absorption Spectroscopy. Journal of Superconductivity and Novel Magnetism, 2014, 27, 9-15.	1.8	3
17	Enhanced insulating state and diluted Ir ⁴⁺ spin orders in Ir-vacant Sr ₂ Ir _{1-x} O ₄ systems. Europhysics Letters, 2017, 120, 27007.	2.0	3
18	Electrochromic TiO ₂ films by a facile solvothermal process: Effect of ethanol content on growth and performance. Optical Materials, 2021, 122, 111744.	3.6	3

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19	Enhanced insulating behavior in the Ir-vacant Sr ₂ Ir _{1-x} O ₄ system dominated by the local structure distortion. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1123-1128.	2.4	2
20	Heterogeneous Structural Distortions Induced by In-Plane and Out-of-Plane Doping in Iron-Based Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014, 27, 2719-2723.	1.8	1
21	Charge transfer and local structure distortion in Zn-doped LaFe _{1-x} Co _x AsO. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014, 196, 94-98.	1.7	1
22	Antisite Defect and Magnetic Frustration in Double Perovskite Ln ₂ CuRuO ₆ (Ln = La, Pr) Compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 851-857.	1.8	1
23	Preparation and physical properties of double perovskite Ln ₂ CuRuO ₆ (Ln = Nd, Sm) compounds. <i>Solid State Communications</i> , 2021, 327, 114203.	1.9	1
24	Mass production of self-passivated perovskite microlaser particles by solution-phase processing for gas sensors. <i>APL Photonics</i> , 2022, 7, 016103.	5.7	1
25	An overview on the research of Sr ₂ IrO ₄ -based system probed by X-ray absorption spectroscopy. <i>Modern Physics Letters B</i> , 2018, 32, 1850094.	1.9	0