

# Shengli Liu

## List of Publications by Year in descending order

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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	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
2	Phase transitions and superconductivity in ternary hydride $\text{Li}_2\text{SiH}_6$ at high pressures. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	6
3	Highly Sensitive Refractive Index Sensing Based on Photonic Spin Hall Effect and Its Application on Cancer Detection. <i>IEEE Sensors Journal</i> , 2022, 22, 12754-12760.	4.7	22
4	Antisite Defect and Magnetic Frustration in Double Perovskite $\text{Ln}_2\text{CuRuO}_6$ (Ln = La, Pr) Compounds. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 851-857.	1.8	1
5	Preparation and physical properties of double perovskite $\text{Ln}_2\text{CuRuO}_6$ (Ln = Nd, Sm) compounds. <i>Solid State Communications</i> , 2021, 327, 114203.	1.9	1
6	Temperature-dependent luminescent properties of $\text{Cr}^{3+}$ doped $\text{ZnGa}_2\text{O}_4$ far-red emitting phosphor. <i>Optical Materials</i> , 2021, 116, 111104.	3.6	19
7	Electrochromic $\text{TiO}_2$ films by a facile solvothermal process: Effect of ethanol content on growth and performance. <i>Optical Materials</i> , 2021, 122, 111744.	3.6	3
8	Effect of $\text{NaAlO}_2$ sealing on corrosion resistance of 2024 aluminum alloy anodized film. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2019, 70, 120-127.	1.5	18
9	Weak ferromagnetic insulator with huge coercivity in monoclinic double perovskite $\text{La}_2\text{CuIrO}_6$ . <i>Journal of Physics Condensed Matter</i> , 2019, 31, 435601.	1.8	6
10	Design of broadband impedance-matching Bessel lens with acoustic metamaterials. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	7
11	Synergistic Corrosion Inhibition Effect of Molybdate and Phosphate Ions for Anodic Oxidation Film Formed on 2024 Aluminum Alloy. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 426-432.	1.0	14
12	Predicted high-temperature superconductivity in cerium hydrides at high pressures. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	23
13	Role of local structure distortion in the suppression of superconductivity for $\text{Eu}_3\text{-Sr Bi}_2\text{S}_4\text{F}_4$ system. <i>Journal of Alloys and Compounds</i> , 2018, 743, 547-552.	5.5	6
14	An overview on the research of $\text{Sr}_2\text{IrO}_4$ -based system probed by X-ray absorption spectroscopy. <i>Modern Physics Letters B</i> , 2018, 32, 1850094.	1.9	0
15	Non-monotonic effect of the electronic transport and magnetic properties in a Sm-doped $\text{Sr}_{2-x}\text{Sm}_x\text{IrO}_4$ system. <i>Europhysics Letters</i> , 2018, 124, 17004.	2.0	6
16	Enhanced insulating behavior in the Ir-vacant $\text{Sr}_2\text{Ir}_{1-x}\text{O}_4$ system dominated by the local structure distortion. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1123-1128.	2.4	2
17	A critical point in $\text{Sr}_2\text{-IrO}_4$ and less distorted $\text{IrO}_6$ octahedra induced by deep Sr-vacancies. <i>Materials Research Bulletin</i> , 2017, 90, 1-7.	5.2	8
18	Electron Transfer and Local Atomic Displacement in $\text{Sr}_{1-x}\text{Ce}_x\text{BiS}_2$ Revealed by X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8525-8530.	3.1	9

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19	Enhanced insulating state and diluted Ir 4+ spin orders in Ir-vacant Sr <sub>2</sub> Ir <sub>1-x</sub> O <sub>4</sub> systems. Europhysics Letters, 2017, 120, 27007.	2.0	3
20	Role of valence changes and nanoscale atomic displacements in BiS <sub>2</sub> -based superconductors. Scientific Reports, 2016, 6, 37394.	3.3	9
21	La-doping effect on spin-orbit coupled Sr <sub>2</sub> IrO <sub>4</sub> probed by x-ray absorption spectroscopy. New Journal of Physics, 2016, 18, 093019.	2.9	18
22	Charge redistribution and a shortening of the Fe-As bond at the quantum critical point of SmO <sub>1-x</sub> F <sub>x</sub> FeAs. Journal of Synchrotron Radiation, 2015, 22, 1030-1034.	2.4	5
23	Heterogeneous Structural Distortions Induced by In-Plane and Out-of-Plane Doping in Iron-Based Superconductors. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2719-2723.	1.8	1
24	Charge transfer and local structure distortion in Zn-doped LaFe <sub>1-x</sub> Co <sub>x</sub> AsO. Journal of Electron Spectroscopy and Related Phenomena, 2014, 196, 94-98.	1.7	1
25	An Overview on the Research of Iron-Based High-T <sub>c</sub> Superconductors Probed by X-ray Absorption Spectroscopy. Journal of Superconductivity and Novel Magnetism, 2014, 27, 9-15.	1.8	3