

Shalinee Chikara

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,236
citations

361413

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35
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all docs

44
docs citations

44
times ranked

1567
citing authors

#	ARTICLE	IF	CITATIONS
1	Orbital Magnetism and Spin-Orbit Effects in the Electronic Structure of BaIrO_3 . Physical Review Letters, 2010, 105, 216407.	7.8	131
2	Electron-doped Sr .		

#	ARTICLE	IF	CITATIONS
19	Charge partitioning and anomalous hole doping in Rh-doped $\text{Sr}_{2-x}\text{Rh}_x\text{IrO}_6$. Physical Review B, 2017, 95, .	2.5	21
20	Giant Magnetoelectric Coupling and Magnetic-Field-Induced Permanent Switching in a Spin Crossover Mn(III) Complex. Inorganic Chemistry, 2021, 60, 6167-6175.	4.0	21
21	Domain Wall Dynamics in a Ferroelastic Spin Crossover Complex with Giant Magnetoelectric Coupling. Journal of the American Chemical Society, 2022, 144, 195-211.	13.7	21
22	Electron doped Sr_2IrO_4 ($\delta=0.04$): Evolution of a disordered $\text{Jeff}=\frac{1}{2}$ Mott insulator into an exotic metallic state. Journal of Applied Physics, 2011, 109, .	2.5	20
23	Magnetic properties of $\text{Sr}_3\text{NiIrO}_6$ and $\text{Sr}_3\text{CoIrO}_6$: Magnetic hysteresis with coercive fields of up to 55 T. Physical Review B, 2016, 94, .	3.2	20
24	Possible Quantum Paramagnetism in Compressed Sr_2IrO_4 . Physical Review Letters, 2020, 124, 067201.	7.8	19
25	Combining microscopic and macroscopic probes to untangle the single-ion anisotropy and exchange energies in an $\text{S}=\frac{1}{2}$ quantum antiferromagnet. Physical Review B, 2017, 95, .	3.2	15
26	Thermal and Magnetic Field Switching in a Two-Step Hysteretic Mn ^{III} Spin Crossover Compound Coupled to Symmetry Breakings. Angewandte Chemie - International Edition, 2022, 61, .	13.8	15
27	Different response of transport and magnetic properties of BaRuO_3 to chemical and physical pressure. Physical Review B, 2014, 90, .	3.2	13
28	Stress-Induced Domain Wall Motion in a Ferroelastic Mn ³⁺ Spin Crossover Complex. Angewandte Chemie, 2020, 132, 13407-13414.	2.0	13
29	Borderline magnetism in $\text{Sr}_4\text{Ru}_3\text{O}_{10}$: Impact of La and Ca doping on itinerant ferromagnetism and metamagnetism. Physical Review B, 2006, 73, .	3.2	12
30	Anomalous itinerant magnetism in single-crystal $\text{Sr}_4\text{Ru}_3\text{O}_{10}$: A thermodynamic and transport investigation. Physical Review B, 2007, 75, .	3.2	12
31	Anomalous Metamagnetism in the Low Carrier Density Kondo Lattice YbRh_2O_7 . Physical Review X, 2018, 8, .	8.9	12
32	Observation of Strong Spin Valve Effect in Bulk $\text{Ca}_3(\text{Ru}_{1-x}\text{Cr}_x)\text{O}_7$. Physical Review Letters, 2008, 100, 016604.	7.8	11
33	Specific heat of $(\text{Ca}_{1-x}\text{Sr}_x)_3\text{Ru}_2\text{O}_7$ single crystals. Solid State Communications, 2007, 141, 402-406.	1.9	9
34	Giant magnetoelectric effect in the $\text{Jeff}=\frac{1}{2}$ Mott insulator Sr_2IrO_4 . Journal of Applied Physics, 2010, 107, 09D910.	2.5	8
35	Observation of oscillatory magnetoresistance periodic in Band in $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2006, 73, .	3.2	7
36	Fermi-surface topologies and low-temperature phases of the filled skutterudite compounds CeOs_4 and NdOs_4 . Physical Review B, 2016, 94, .		

#	ARTICLE	IF	CITATIONS
37	Comprehensive magnetic phase diagrams of the polar metal C		