

Shalinee Chikara

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,236
citations

361413

20
h-index

361022

35
g-index

44
all docs

44
docs citations

44
times ranked

1567
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and Magnetic Field Switching in a Two-Step Hysteretic Mn ^{III} Spin Crossover Compound Coupled to Symmetry Breakings. <i>Angewandte Chemie</i> , 2022, 134, e202114021.	2.0	5
2	Thermal and Magnetic Field Switching in a Two-Step Hysteretic Mn ^{III} Spin Crossover Compound Coupled to Symmetry Breakings. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	15
3	Domain Wall Dynamics in a Ferroelastic Spin Crossover Complex with Giant Magnetoelectric Coupling. <i>Journal of the American Chemical Society</i> , 2022, 144, 195-211.	13.7	21
4	Giant Magnetoelectric Coupling and Magnetic-Field-Induced Permanent Switching in a Spin Crossover Mn(III) Complex. <i>Inorganic Chemistry</i> , 2021, 60, 6167-6175.	4.0	21
5	Stress-Induced Domain Wall Motion in a Ferroelastic Mn ³⁺ Spin Crossover Complex. <i>Angewandte Chemie</i> , 2020, 132, 13407-13414.	2.0	13
6	Possible Quantum Paramagnetism in Compressed Sr ₂ IrO ₄ . <i>Physical Review Letters</i> , 2020, 124, 067201.	7.8	19
7	Stress-Induced Domain Wall Motion in a Ferroelastic Mn ³⁺ Spin Crossover Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13305-13312.	13.8	49
8	Magnetoelectric behavior via a spin state transition. <i>Nature Communications</i> , 2019, 10, 4043.	12.8	29
9	Comprehensive magnetic phase diagrams of the polar metal $\text{CaMn}_2\text{P}_2\text{O}_{14}$ $C_{\text{m}}^{\text{m}} \times C_{\text{m}}^{\text{m}} \times C_{\text{m}}^{\text{m}}$		

#	ARTICLE	IF	CITATIONS
19	Different response of transport and magnetic properties of BaIrO_3 to chemical and physical pressure. Physical Review B, 2014, 90, .	3.2	13
20	Electron doped Sr_2IrO_4 ($x=0.04$): Evolution of a disordered $\text{Jeff}_{1/2}$ Mott insulator into an ex metallic state. Journal of Applied Physics, 2011, 109, .	2.5	20
21	Pressure-induced insulating state in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$		

#	ARTICLE	IF	CITATIONS
37	Thermal and magnetic properties of the spin-chain material Pr ₃ RuO ₇ . Physical Review B, 2005, 72, .	3.2	4
38	Itinerant ferromagnetism to insulating antiferromagnetism: A magnetic and transport study of single crystal SrRu _{1-x} MnxO ₃ (0 ≤ x < 0.60). Physical Review B, 2005, 71, .	3.2	68
39	Thermodynamic properties of the spin-chain compound Pr ₃ RuO ₇ . European Physical Journal Special Topics, 2005, 131, 339-340.	0.2	0
40	High-temperature weak ferromagnetism on the verge of a metallic state: Impact of dilute Sr doping on BaRuO ₃ . Physical Review B, 2004, 69, .	3.2	41
41	Field-tuned collapse of an orbitally ordered and spin-polarized state: Colossal magnetoresistance in the bilayered ruthenate Ca ₃ Ru ₂ O ₇ . Physical Review B, 2004, 69, .	3.2	29
42	Orbitally driven behaviour: Mott transition, quantum oscillations and colossal magnetoresistance in bilayered Ca ₃ Ru ₂ O ₇ . New Journal of Physics, 2004, 6, 159-159.	2.9	26
43	Destruction of an orbitally ordered and spin-polarized state: Colossal magnetoresistance in Ca ₃ Ru ₂ O ₇ . Journal of Electronic Materials, 2004, 33, 1303-1307.	2.2	0