

Santu Baidya

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

419
citations

840776

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718
citing authors

#	ARTICLE	IF	CITATIONS
1	Importance of dynamic lattice effects for crystal field excitations in the quantum spin ice candidate Physical Review B, 2021, 104, .	3.2	5
2	Weyl-mediated helical magnetism in NdAlSi. Nature Materials, 2021, 20, 1650-1656.	27.5	48
3	Interplay of Magnetism and Topological Superconductivity in Bilayer Kagome Metals. Physical Review Letters, 2020, 125, 026401.	7.8	12
4	Chern insulator with a nearly flat band in the metal-organic-framework-based Kagome lattice. Scientific Reports, 2019, 9, 13807.	3.3	17
5	Theoretical evidence of spin-orbital-entangled state in the transition metal oxide Physical Review B, 2018, 97, .	3.2	15
6	Confinement-driven electronic and topological phases in corundum-derived -oxide honeycomb lattices. Physical Review B, 2018, 97, .	3.2	15
7	Tunable magnetic topological insulating phases in monolayer Physical Review B, 2018, 98, .	3.2	33
8	Configuration and self-averaging in disordered systems. Indian Journal of Physics, 2016, 90, 649-657.	1.8	7
9	High-temperature large-gap quantum anomalous Hall insulating state in ultrathin double perovskite films. Physical Review B, 2016, 94, .	3.2	18
10	Design of Chern and Mott insulators in buckled honeycomb lattices. Physical Review B, 2016, 93, .	3.2	30
11	Breakdown of state in double perovskites: A first-principles study. Physical Review B, 2015, 92, .	3.2	59
12	Controlled confinement of half-metallic two-dimensional electron gas in BaTiO ₃ /Ba ₂ FeReO ₆ /BaTiO ₃ heterostructures: A first-principles study. Physical Review B, 2015, 92, .	3.2	11
13	Covalency driven low-temperature structural distortion and its effect on electronic structure of Hg ₂ Ru ₂ O ₇ . Physical Review B, 2015, 91, .	3.2	3
14	A real-space study of random extended defects in solids: Application to disordered Stone-Wales defects in graphene. Physica E: Low-Dimensional Systems and Nanostructures, 2014, 61, 191-197.	2.7	29
15	Copper rubidium diphosphate, Rb ₂ Cu ₃ (P ₂ O ₇) ₂ : synthesis, crystal structure, thermodynamic and resonant properties. New Journal of Chemistry, 2013, 37, 2743.	2.8	8
16	Crystal structure and magnetic properties of a new layered sodium nickel hydroxide phosphate, Na ₂ Ni ₃ (OH) ₂ (PO ₄) ₂ . Dalton Transactions, 2013, 42, 14718.	3.3	15
17	Interplay of localized and itinerant character of Ru ions: Ti ₂ Ru ₂ O ₇ . Physical Review B, 2015, 91, .	3.2	5

#	ARTICLE	IF	CITATIONS
19	<p>Electronic structure and phonons in La₂CrSbO₆ double perovskite compounds: From ferromagnetic Ca₂CoMnO₆ to antiferromagnetic La₂CoMnO₆</p> <p>Physical Review B, 2011, 84, .</p>	3.2	10
20	<p>Electronic structure and phonons in La₂CoMnO₆ double perovskite compounds: From ferromagnetic Ca₂CoMnO₆ to antiferromagnetic La₂CoMnO₆</p> <p>Physical Review B, 2011, 84, .</p>	3.2	64
21	<p>Electronic structure and phonons in La₂CoMnO₆ double perovskite compounds: From ferromagnetic Ca₂CoMnO₆ to antiferromagnetic La₂CoMnO₆</p> <p>Physical Review B, 2011, 84, .</p>	3.2	12