

Atasi Chakraborty

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1684188
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docs citations

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163
citing authors

#	ARTICLE	IF	CITATIONS
1	Breakdown of atomic spin-orbit coupling picture in an apparently isolated pseudo-one-dimensional iridate: $\text{Sr}_3\text{Ir}_2\text{O}_{10}$. <i>Physical Review B</i> , 2020, 101, .	3.2	2
2	Unusual spin dynamics in the low-temperature magnetically ordered state of $\text{Ag}_3\text{Ir}_2\text{O}_{10}$. <i>Physical Review B</i> , 2021, 104, .	3.2	9
3	Understanding the curious magnetic state of $\text{Sr}_3\text{Ir}_2\text{O}_{10}$. <i>Physical Review B</i> , 2020, 101, .	3.2	4
4	Theoretical analysis of pressure induced spin crossover phenomenon in a di-nuclear Fe(II) molecular complex. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 165802.	1.8	4
5	Capless Quantum Spin Liquid in the Triangular System $\text{Sr}_3\text{Ir}_2\text{O}_{10}$. <i>Physical Review Letters</i> , 2020, 125, 267202.	7.0	11
6	Study of electronic structure and magnetism in d4 double perovskite iridates A_2SclrO_6 ($\text{A}=\text{Ba, Sr}$). <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 492, 165708.	2.3	4
7	Structural, thermodynamic, and local probe investigations of the honeycomb material $\text{Ag}_3\text{Ir}_2\text{O}_{10}$. <i>Physical Review B</i> , 2020, 101, .	3.2	10
8	Unconventional magnetism in the $\text{Sr}_3\text{Ir}_2\text{O}_{10}$ -based honeycomb system. <i>Physical Review B</i> , 2020, 101, .	3.2	15
9	Origin of magnetic moments and presence of spin-orbit singlets in $\text{Ag}_3\text{Ir}_2\text{O}_{10}$. <i>Physical Review B</i> , 2018, 98, .	3.2	27