

Diana Lucia Quintero Castro

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

128
citations

1478505

6
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic excitations of the gapped quantum spin dimer antiferromagnet $\text{Sr}_3\text{Cr}_2\text{O}_8$. Physical Review B, 2010, 81, .	3.2	41
2	Orbital fluctuations and orbital order below the Jahn-Teller transition in $\text{Sr}_3\text{Cr}_2\text{O}_8$. Physical Review B, 2011, 83, .	3.2	20
3	Asymmetric Thermal Line Shape Broadening in a Gapped 3D Antiferromagnet: Evidence for Strong Correlations at Finite Temperature. Physical Review Letters, 2012, 109, 127206.	7.8	19
4	High-field electron spin resonance spectroscopy of singlet-triplet transitions in the spin-dimer systems $\text{Sr}_3\text{Cr}_2\text{O}_8$. Physical Review B, 2014, 89, .	3.2	13
5	Field-Induced Magnonic Liquid in the 3D Spin-Dimerized Antiferromagnet $\text{Sr}_3\text{Cr}_2\text{O}_8$. Physical Review Letters, 2016, 116, 147201.	7.8	13
6	Enhanced spin correlations in the Bose-Einstein condensate compound $\text{Sr}_3\text{Cr}_2\text{O}_8$. Physical Review B, 2020, 102, .	3.2	10
7	Magnetization reversal driven by electron localization-delocalization crossover in the inverse spinel $\text{Co}_2\text{Fe}_2\text{O}_4$. Physical Review B, 2022, 105, .	3.2	5
8	Precise control of $J_{\text{eff}}=12$ magnetic properties in Sr_2IrO_4 epitaxial thin films by variation of strain and thin film thickness. Physical Review B, 2020, 102, .	3.2	4
9	Neutron diffraction of field-induced magnon condensation in the spin-dimerized antiferromagnet $\text{Sr}_3\text{Cr}_2\text{O}_8$. Physical Review B, 2021, 104, .	3.2	0
10	Neutron diffraction of field-induced magnon condensation in the spin-dimerized antiferromagnet $\text{Sr}_3\text{Cr}_2\text{O}_8$. Physical Review B, 2021, 104, .	3.2	0