

Prosenjit Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

179
citations

1307594

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1372567

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all docs

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docs citations

10
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Unconventional critical behavior in a Sm-based ferromagnetic manganite : Effect of tricritical point. Physica B: Condensed Matter, 2020, 583, 412050.	2.7	8
2	Non-Griffiths-like cluster formation in the double-perovskite GdMn_2Sb_2 : Evidence from critical behavior. Physical Review B, 2020, 101, .	3.2	30
3	Collapse of ferromagnetism with Ti doping in SmMnO_3 Physical Review B, 2018, 98, .	3.2	30
4	Role of external and internal perturbations on ferromagnetic phase transitions in manganites: existence of tricritical points. Journal of Physics Condensed Matter, 2018, 30, 295101.	1.8	5
5	Continuously Varying Critical Exponents Beyond Weak Universality. Scientific Reports, 2017, 7, 45004.	3.3	14
6	Critical end point of the first-order ferromagnetic transition in a $\text{Sm}_{0.55}(\text{Sr}_{0.5}\text{Ca}_{0.5})_{0.45}\text{MnO}_3$ single crystal. Journal of Magnetism and Magnetic Materials, 2014, 365, 51-55.	2.3	12
7	Effect of hydrostatic pressure on magnetic phase transition and magnetocaloric properties of $(\text{Sm}_{0.8}\text{Nd}_{0.2})_{0.52}\text{Sr}_{0.48}\text{MnO}_3$. Journal of Applied Physics, 2010, 107, .	2.5	20
8	Effect of uniaxial pressure on metal-insulator transition in $(\text{Sm}_{1-y}\text{Nd}_y)_{0.52}\text{Sr}_{0.48}\text{MnO}_3$ single crystals. Applied Physics Letters, 2009, 94, .	3.3	6
9	Large magnetocaloric effect in $\text{Sm}_{0.52}\text{Sr}_{0.48}\text{MnO}_3$ in low magnetic field. Applied Physics Letters, 2008, 92, .	3.3	63
10	Hydrostatic pressure effect on archetypal $\text{Sm}_{0.52}\text{Sr}_{0.48}\text{MnO}_3$ single crystal. Applied Physics Letters, 2008, 92, 182510.	3.3	18