

Vinod Kumar

List of Publications by Year in descending order

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papers

110
citations

1478505

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1372567

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164
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic structure and electrical transport properties of $\text{LaCo}_{1-x}\text{Ni}_x\text{O}_3$ ($0 \leq x \leq 0.5$). Journal of Applied Physics, 2013, 114, .	2.5	24
2	Measurement of radon exhalation rate in various building materials and soil samples. Journal of Earth System Science, 2017, 126, 1.	1.3	22
3	Spin states and glassy magnetism in $\text{LaCo}_{1-x}\text{Ni}_x\text{O}_3$ ($0 \leq x \leq 0.5$). Materials Chemistry and Physics, 2014, 147, 617-622.	4.0	14
4	Structural, magnetic and x-ray absorption studies of $\text{NdCo}_{1-x}\text{Ni}_x\text{O}_3$ ($0 \leq x \leq 0.5$). Journal of Applied Physics, 2013, 113, .	2.5	13
5	Evidence for spin glass state of $\text{NdCo}_{1-x}\text{Ni}_x\text{O}_3$ ($x \leq 0.3 \leq 0.5$). Journal of Applied Physics, 2014, 116, 073903.	2.0	11
6	Neutron diffraction studies of magnetic ordering in Ni-doped LaCoO_3 . Journal of Magnetism and Magnetic Materials, 2015, 393, 394-398.	2.3	6
7	Structural, electronic, transport and magnetic studies of $\text{LaCo}_{1-x}\text{Ni}_x\text{O}_3$ ($x \leq 0, 0.3$) thin films. Journal of Applied Physics, 2019, 126, .	2.5	6
8	200 MeV Ag^{+15} ion irradiation-induced modification in structural, magnetic and electrical properties of LaCoO_3 thin film. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	6
9	Radioactivity measurements in the environment of the Udhampur area, Jammu and Kashmir Himalayas, India. Radiation Effects and Defects in Solids, 2009, 164, 719-725.	1.2	5
10	Disorder controlled electrical transport properties of $\text{NdCo}_{1-x}\text{Ni}_x\text{O}_3$. Journal of Alloys and Compounds, 2013, 574, 316-319.	5.5	3
11	Strain and Ni substitution induced ferromagnetism in LaCoO_3 thin films. AIP Conference Proceedings, 2018, , .	0.4	0