

# Rajesh Kumar

## List of Publications by Year in descending order

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16  
papers

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citations

1040056

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docs citations

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times ranked

186  
citing authors

#	ARTICLE	IF	CITATIONS
1	200ÂMeV Ag+15 ion irradiation-induced modification in structural, magnetic and electrical properties of LaCoO <sub>3</sub> thin film. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	6
2	Effect of SHI irradiation on electronic structure and electrical transport in LaCoO <sub>3</sub> thin film. AIP Conference Proceedings, 2020, . .	0.4	0
3	Structural, electronic, transport and magnetic studies of LaCo <sub>1-x</sub> Ni <sub>x</sub> O <sub>3</sub> (x=0, 0.3) thin films. Journal of Applied Physics, 2019, 126, .	2.5	6
4	Strain and Ni substitution induced ferromagnetism in LaCoO <sub>3</sub> thin films. AIP Conference Proceedings, 2018, . .	0.4	0
5	Neutron diffraction studies of magnetic ordering in Ni-doped LaCoO. Journal of Magnetism and Magnetic Materials, 2015, 393, 394-398.	2.3	6
6	Spin states and glassy magnetism in LaCo <sub>1-x</sub> Ni <sub>x</sub> O <sub>3</sub> (0≤x≤0.5). Materials Chemistry and Physics, 2014, 147, 617-622.	4.0	14
7	Structural, magnetic and x-ray absorption studies of NdCo <sub>1-x</sub> Ni <sub>x</sub> O <sub>3</sub> (0≤x≤0.5). Journal of Applied Physics, 2013, 113, .	2.5	13
8	Electronic structure and electrical transport properties of LaCo <sub>1-x</sub> Ni <sub>x</sub> O <sub>3</sub> (0≤x≤0.5). Journal of Applied Physics, 2013, 114, .	2.5	24
9	ALPHA ACCOMPANIED TERNARY FISSION OF SUPERHEAVY NUCLEI. International Journal of Modern Physics E, 2013, 22, 1350014.	1.0	6
10	Decay studies of <sup>288</sup> 115 alpha-decay chains. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 105104.	3.6	9
11	Shell closure effects studied via cluster decay in heavy nuclei. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 015110.	3.6	23
12	The dynamical cluster-decay model of preformed clusters for a hot and rotating <sup>116</sup> Ba* nucleus produced in the low-energy <sup>58</sup> Ni + <sup>58</sup> Ni reaction. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 345-361.	3.6	42
13	Dynamical cluster-decay model for hot and rotating light-mass nuclear systems applied to the low-energy <sup>32</sup> Mg + <sup>24</sup> Ni reaction. Physical Review C, 2005, 71, .	2.9	77
14	Cluster decay of hot <sup>56</sup> Ni* formed in the <sup>32</sup> S + <sup>24</sup> Mg reaction. Physical Review C, 2003, 68, .	2.9	91
15	Emission of intermediate mass fragments from hot <sup>116</sup> Ba* formed in low-energy <sup>58</sup> Ni + <sup>58</sup> Ni reaction. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 2703-2719.	3.6	84
16	Structure effects in the region of superheavy elements via the $\hat{A}$ -decay chain of <sup>293</sup> 118. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 2875-2884.	3.6	19