

Rajesh Kumar

List of Publications by Year in descending order

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186
citing authors

#	ARTICLE	IF	CITATIONS
1	Cluster decay of hot ⁵⁶ Ni*formed in the ³² S+ ²⁴ Mgreaction. Physical Review C, 2003, 68, .	2.9	91
2	Emission of intermediate mass fragments from hot ¹¹⁶ Ba* formed in low-energy ⁵⁸ Ni + ⁵⁸ Ni reaction. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 2703-2719.	3.6	84
3	Dynamical cluster-decay model for hot and rotating light-mass nuclear systems applied to the low-energy ³² S+ ²⁴ Mg† ⁵⁶ Ni—reaction. Physical Review C, 2005, 71, .	2.9	77
4	The dynamical cluster-decay model of preformed clusters for a hot and rotating ¹¹⁶ Ba* nucleus produced in the low-energy ⁵⁸ Ni + ⁵⁸ Ni reaction. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 345-361.	3.6	42
5	Electronic structure and electrical transport properties of LaCo _{1-x} Ni _x O ₃ (0 ≤ x ≤ 0.5). Journal of Applied Physics, 2013, 114, .	2.5	24
6	Shell closure effects studied via cluster decay in heavy nuclei. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 015110.	3.6	23
7	Structure effects in the region of superheavy elements via the \hat{A} -decay chain of ²⁹³ 118. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 2875-2884.	3.6	19
8	Spin states and glassy magnetism in LaCo _{1-x} Ni _x O ₃ (0 ≤ x ≤ 0.5). Materials Chemistry and Physics, 2014, 147, 617-622.	4.0	14
9	Structural, magnetic and x-ray absorption studies of NdCo _{1-x} Ni _x O ₃ (0 ≤ x ≤ 0.5). Journal of Applied Physics, 2013, 113, .	2.5	13
10	Decay studies of ²⁸⁸ ~ ²⁸⁷ </sup>115 alpha-decay chains. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 105104.	3.6	9
11	ALPHA ACCOMPANIED TERNARY FISSION OF SUPERHEAVY NUCLEI. International Journal of Modern Physics E, 2013, 22, 1350014.	1.0	6
12	Neutron diffraction studies of magnetic ordering in Ni-doped LaCoO. Journal of Magnetism and Magnetic Materials, 2015, 393, 394-398.	2.3	6
13	Structural, electronic, transport and magnetic studies of LaCo _{1-x} Ni _x O ₃ (x = 0, 0.3) thin films. Journal of Applied Physics, 2019, 126, .	2.5	6
14	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
15	Strain and Ni substitution induced ferromagnetism in LaCoO ₃ thin films. AIP Conference Proceedings, 2018, , .	0.4	0
16	Effect of SHI irradiation on electronic structure and electrical transport in LaCoO ₃ thin film. AIP Conference Proceedings, 2020, , .	0.4	0