

Jagdish Gehlot

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

412
citations

759233

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docs citations

20
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of mass-separated evaporation residues formed in $^{30}\text{Si} + ^{209}\text{Gd}$ near the Coulomb barrier. Physical Review C, 2020, 102, .	2.9	5
2	Fusion studies in $^{32}\text{S} + ^{181}\text{Ta}$ reactions via evaporation residue cross section measurements. Physical Review C, 2020, 102, .	2.9	2
3	Fusion studies in $^{35,37}\text{Cl} + ^{181}\text{Ta}$ reactions via evaporation residue cross section measurements. Physical Review C, 2020, 102, .	2.9	1
4	Fusion reaction near the Coulomb barrier. Physical Review C, 2020, 102, .	2.9	11
5	Sub-barrier fusion in the $^{224}\text{Th} + ^{209}\text{Bi}$ system. Physical Review C, 2017, 95, .	2.9	6
6	Fusion and quasifission studies in reactions forming ^{130}Te via evaporation residue measurements. Physical Review C, 2017, 95, .	2.9	13
7	Evaporation residue cross-section measurements for $^{16}\text{O} + ^{209}\text{Bi}$ -induced reactions. Physical Review C, 2017, 96, .	2.9	9
8	Relationship between and effect of inelastic excitations and transfer channels on sub-barrier fusion enhancement. Physical Review C, 2017, 96, .	2.9	23
9	Fabrication of thin targets for nuclear reaction studies at IUAC. Vacuum, 2017, 144, 190-198.	3.5	26
10	Fusion measurements for the $^{18}\text{O} + ^{194}\text{Pt}$ reaction and search for neutron shell closure effects. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 095105.	3.6	8
11	Measurement of evaporation residue excitation functions for the $^{19}\text{F} + ^{209}\text{Pt}$ reaction. Physical Review C, 2013, 88, .	2.9	30
12	Evaporation residue excitation function and spin distribution for $^{31}\text{P} + ^{198}\text{Au}$ reaction. Physical Review C, 2013, 88, .	2.9	25
13	Multinucleon transfer reactions for the $^{16}\text{O} + ^{198}\text{Au}$ reaction. Physical Review C, 2013, 88, .	2.9	35
14	Channel coupling effects on the fusion excitation functions for $^{28}\text{Si} + ^{209}\text{Bi}$ reaction. Physical Review C, 2010, 81, 044601.	2.9	25
15	Hybrid recoil mass analyzer at IUAC – First results using gas-filled mode and future plans. Pramana - Journal of Physics, 2010, 75, 317-331.	1.8	29
16	Channel coupling effects on the fusion excitation functions for $^{28}\text{Si} + ^{209}\text{Bi}$ reaction. Physical Review C, 2010, 81, 044601.	2.9	66
17	Channel coupling effects on the fusion excitation functions for $^{28}\text{Si} + ^{209}\text{Bi}$ reaction. Physical Review C, 2010, 81, 044601.	2.9	66

#	ARTICLE	IF	CITATIONS
19	<p>tion residue excitation function from complete fusion of</p> F_{19} <p>Conclusive evidence of quasifission in reactions forming the</p> Rn_{210} <p>compound nucleus. Physical Review C, 2010, 81, .</p>	2.9	30
20	<p>Conclusive evidence of quasifission in reactions forming the</p> Rn_{210} <p>compound nucleus. Physical Review C, 2010, 81, .</p>	2.9	42