

Jagdish Gehlot

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9491241/publications.pdf>

Version: 2024-02-01

20
papers

412
citations

759233

12
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Conclusive evidence of quasifission in reactions forming the ^{28}Si nucleus. Physical Review C, 2010, 81, 014607.	2.9	66
2	Evaporation residue excitation function from complete fusion of ^{28}Si and ^{94}Zr nuclei. Physical Review C, 2010, 81, 014608.	2.9	42
3	Evaporation residue excitation function from complete fusion of ^{28}Si and ^{94}Zr nuclei. Physical Review C, 2010, 81, 014609.	2.9	35
4	Evaporation residue excitation function and spin distribution for $^{28}\text{Si} + ^{94}\text{Zr}$ reactions. Physical Review C, 2010, 81, 014610.	2.9	30
5	Hybrid recoil mass analyzer at IUAC – First results using gas-filled mode and future plans. Pramana - Journal of Physics, 2010, 75, 317-331.	2.9	30
6	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
7	Fabrication of thin targets for nuclear reaction studies at IUAC. Vacuum, 2017, 144, 190-198.	3.5	26
8	Multinucleon transfer reactions for the $^{28}\text{Si} + ^{94}\text{Zr}$ system. Physical Review C, 2017, 95, 014607.	2.9	25
9	Evaporation residue excitation function and spin distribution for $^{28}\text{Si} + ^{94}\text{Zr}$ reactions. Physical Review C, 2017, 95, 014608.	2.9	25
10	Relationship between and effect of inelastic excitations and transfer channels on sub-barrier fusion enhancement. Physical Review C, 2017, 96, .	2.9	23
11	Fusion and quasifission studies in reactions forming Rn via evaporation residue measurements. Physical Review C, 2017, 95, .	2.9	18
12	Sub-barrier fusion in the $^{28}\text{Si} + ^{94}\text{Zr}$ system. Physical Review C, 2017, 95, 014609.	2.9	13
13	Evaporation residue cross-section measurements for $^{28}\text{Si} + ^{94}\text{Zr}$ fusion reaction. Physical Review C, 2017, 95, 014610.	2.9	11
14	Evaporation residue cross-section measurements for $^{28}\text{Si} + ^{94}\text{Zr}$ fusion reaction. Physical Review C, 2017, 96, .	2.9	9
15	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
16	Evaporation residue cross-section measurements for $^{28}\text{Si} + ^{94}\text{Zr}$ fusion reaction. Physical Review C, 2017, 96, .	2.9	8
17	Fusion and back-angle quasielastic measurements in $^{28}\text{Si} + ^{94}\text{Zr}$ reactions. Physical Review C, 2017, 96, .	2.9	6
18	Fusion and back-angle quasielastic measurements in $^{28}\text{Si} + ^{94}\text{Zr}$ reactions. Physical Review C, 2022, 105, .	2.9	5

#	ARTICLE	IF	CITATIONS
19	Analysis of mass-separated evaporation residues formed in $^{32}\text{S} + ^{70}\text{Zn}$ reactions via evaporation residue cross section measurements. Physical Review C, 2020, 102, .	2.9	2
20	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