

Chaubey Ashok Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

188
citations

1163117

8
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-energy incomplete fusion and its sensitivity to projectile structure. Physical Review C, 2013, 87, .	2.9	35
2	Role of break-up processes in the fusion of the $^{12}\text{C}+^{52}\text{Cr}$ system. Physical Review C, 2011, 84, .	2.9	24
3	Influence of projectile breakup on the $^{16}\text{O}+^{115}\text{In}$ reaction at energies $4\text{--}7\text{ MeV/u}$. Physical Review C, 2013, 87, .	2.9	24
4	MEASUREMENT AND ANALYSIS OF EXCITATION FUNCTIONS AND FORWARD RECOIL RANGE DISTRIBUTIONS IN $^{12}\text{C} + ^{59}\text{Co}$ SYSTEM. International Journal of Modern Physics E, 2008, 17, 393-406.	1.0	19
5	REACTION MECHANISMS IN $^{12}\text{C}+^{93}\text{Nb}$ SYSTEM: EXCITATION FUNCTIONS AND RECOIL RANGE DISTRIBUTIONS BELOW 7 MeV/u. International Journal of Modern Physics E, 2011, 20, 645-655.	1.0	14
6	Investigation of the influence of incomplete fusion on complete fusion of ^{12}C -induced reactions at $4\text{--}7.2\text{ MeV/nucleon}$. European Physical Journal A, 2011, 47, 1.	2.5	12
7	Role of partial linear momentum transfer on incomplete fusion reaction. European Physical Journal A, 2018, 54, 1.	2.5	11
8	Energy dependence of pre-equilibrium emission for the (p,xn) reactions in niobium. Indian Journal of Physics, 2012, 86, 913-918.	1.8	10
9	Determination of dose derived from building materials and radiological health related effects from the indoor environment of Dessie city, Wollo, Ethiopia. Heliyon, 2022, 8, e09066.	3.2	10
10	Role of incomplete fusion of the projectile in the $^{16}\text{O}+^{115}\text{In}$ interaction at low energies. Physical Review C, 2013, 87, .	2.9	6
11	Complete and incomplete fusion reactions in the interaction of $^{16}\text{O}+^{55}\text{Mn}$ system below 7 MeV/A: Measurement and analysis of Excitation Functions. EPJ Web of Conferences, 2015, 86, 00009.	0.3	5
12	Systematic of fusion incompleteness in reactions induced by ^{16}O cluster projectiles. Physical Review C, 2019, 100, .	2.9	5
13	Role of the entrance channel in the experimental study of incomplete fusion of ^{13}C with ^{93}Nb . Physical Review C, 2002, 65, .	2.9	5
14	Multi elemental analysis of indigenous food spices in Southern Ethiopia using INAA technique. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 917-921.	1.5	4
15	Mass-Asymmetry effects in heavy ion reactions: Complete fusion Vs incomplete fusion. EPJ Web of Conferences, 2014, 66, 03024.	0.3	3
16	$30\text{--}300\text{ MeV}$ proton-nucleus total reaction cross sections. Physical Review C, 2011, 84, .	2.9	1
17	Systematics of incomplete fusion probability and its correlation with complete fusion suppression. , 2013, , .		0
18	Study of Complete and Incomplete Fusion Reaction Dynamics in $^{16}\text{O}+^{55}\text{Mn}$ Interactions near the Coulomb Barrier Energies. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Determination of natural radioactivity levels and associated radiation hazard indices of wheat flour samples from selected Ethiopian markets. Journal of Radioanalytical and Nuclear Chemistry, 0, , 1.	1.5	0