

Dharmendra Singh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Incomplete fusion dynamics in $^{19}\text{F} + ^{154}\text{Sm}$ system at energies $\sim 4\text{--}6\text{ MeV/nucleon}$. AIP Conference Proceedings, 2021, .	0.4	0
2	Break-up fusion in the $^{16}\text{O} + ^{146}\text{Nd}$ system by measurements of excitation function of evaporation residues. AIP Conference Proceedings, 2021, .	0.4	1
3	Probing of incomplete fusion dynamics in $^{14}\text{N} + ^{124}\text{Sn}$ system and its correlation with various entrance channel effects. European Physical Journal A, 2020, 56, 1.	2.5	8
4	Systematic study of low-energy incomplete-fusion dynamics in the $^{16}\text{O} + ^{148}\text{Nd}$ system: Role of $^{16}\text{O} + ^{148}\text{Nd}$ system and	2.9	15
5	Systematic study of low-energy incomplete-fusion dynamics in the $^{12}\text{C} + ^{165}\text{Ho}$ system and interplay of entrance channel parameters. Physical Review C, 2019, 100, .	2.9	13
6	Investigation of breakup fusion in $^{16}\text{O} + ^{124}\text{Sn}$ system and its correlation with various entrance channel parameters. International Journal of Modern Physics E, 2019, 28, 1950069.	1.0	1
7	Probing incomplete fusion dynamics and role of the projectile deformation in the $^{19}\text{F} + ^{154}\text{Sm}$ system. European Physical Journal A, 2019, 55, 1.	2.5	2
8	Systematic study of incomplete-fusion dynamics below 8 MeV/nucleon energy. Physical Review C, 2019, 99, .	2.9	9
9	Examination of break-up fusion in the $^{16}\text{O} + ^{148}\text{Nd}$ system through measurements of forward recoil range distributions and angular distributions. Physical Review C, 2019, 100, .	2.9	8
10	Probing of incomplete fusion dynamics and its correlation with various systematic. Nuclear Physics A, 2019, 981, 75-88.	1.5	10
11	Study of incomplete fusion reaction dynamics in the $^{16}\text{O} + ^{165}\text{Ho}$ system: Role of $^{16}\text{O} + ^{165}\text{Ho}$ system and	1.5	23
12	Sensitivity of low-energy incomplete fusion to various entrance-channel parameters. European Physical Journal A, 2018, 54, 1.	2.5	16
13	Role of input angular momentum and target deformation on the incomplete-fusion dynamics in the $^{16}\text{O} + ^{154}\text{Sm}$ system	2.9	7
14	Measurement of excitation functions of evaporation residues in the $^{16}\text{O} + ^{154}\text{Sm}$ reaction and investigation of the dependence of incomplete fusion dynamics on entrance channel par. Physical	2.9	11
15	Investigation of incomplete fusion dynamics at energy $\sim 8\text{ MeV/nucleon}$. Nuclear Physics A, 2017, 960, 53-77.	1.5	34
16	Observed side feeding in incomplete fusion dynamics in $^{16}\text{O} + ^{160}\text{Gd}$ reaction at energy $\sim 4.6\text{ MeV/A}$: Spin distribution measurements. Nuclear Physics A, 2017, 968, 403-413.	1.5	8
17	Spin distribution of evaporation residues formed in complete and incomplete fusion in $^{16}\text{O} + ^{154}\text{Sm}$ system. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 7-13.	4.1	17
18	Shape evolution with increasing angular momentum in the ^{66}Ga nucleus. Physical Review C, 2017, 95, .	2.9	4

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19	Fragment mass distribution studies in $^{28}\text{Si} + ^{208}\text{Pb}$ system. Physical Review C, 2015, 91, .	1.5	15
20	Effect of the Target Deformation on Incomplete Fusion Dynamics. EPJ Web of Conferences, 2015, 86, 00051.	0.3	0
21	High spin spectroscopy and shape evolution in ^{105}Cd . Physical Review C, 2015, 91, .	2.9	3
22	Optical and impedance studies of pure and Ba-doped ZnS quantum dots. Applied Nanoscience (Switzerland), 2015, 5, 201-206.	3.1	15
23	An overview on incomplete fusion reaction dynamics at energy range $\sim 3-8$ MeV/A. , 2014, , .		0
24	Observation of a breakup-induced α -transfer process for some bound states of ^{16}O populated by the $^{12}\text{C}(\text{Li},d)^{16}\text{O}$ reaction. Physical Review C, 2014, 89, .	2.9	10
25	Probing of complete and incomplete fusion dynamics in heavy-ion collision. Pramana - Journal of Physics, 2014, 82, 683-696.	1.8	4
26	Investigation of complete and incomplete fusion dynamics of ^{20}Ne induced reactions at energies above the Coulomb barrier. , 2014, , .		1
27	Electrical and optical studies of pure and Ni-doped CdS quantum dots. Applied Nanoscience (Switzerland), 2013, 3, 13-18.	3.1	52
28	Reaction Mechanism in ^{16}O Ion Interaction with Light Nuclei ^{45}Sc , ^{74}Ge and Mass-Asymmetry Effect on Incomplete Fusion Dynamics. Journal of the Physical Society of Japan, 2013, 82, 114201.	1.6	8
29	Observation of breakup transfer process for the bound states of ^{16}O populated from $^{12}\text{C}([^{6}\text{Li},d)$ reaction at 20 MeV. , 2012, , .		1
30	Shears mechanism in ^{109}In . Physical Review C, 2012, 85, .	2.9	11
31	Evidence of quasifission in asymmetric reactions forming the ^{250}Cf compound system. Physical Review C, 2012, 86, .	2.9	21
32	Observation of entrance channel mass-asymmetry effect on incomplete fusion reaction for system. Nuclear Physics A, 2012, 879, 107-131.	1.5	30
33	Measurement and analysis of excitation functions and observation of mass-asymmetry effect on incomplete fusion dynamics. EPJ Web of Conferences, 2011, 17, 16013.	0.3	0
34	Reaction mechanism in the $^{20}\text{Ne} + ^{59}\text{Co}$ system at 3–7 MeV/nucleon, and observation of entrance-channel mass-asymmetry of the incomplete fusion fraction. Physical Review C, 2011, 83, .	2.9	27
35	Investigation of incomplete fusion in $^{20}\text{Ne} + ^{55}\text{Mn}$ reactions at $3\text{--}8$ MeV/nucleon. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 115101.	3.6	36
36	Incomplete fusion dynamics by spin distribution measurements. Physical Review C, 2010, 81, .	2.9	16

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37	mechanisms in the system $^{20}\text{Ne} + ^{165}\text{Ho}$	2.9	17
38	Role of high α values in the onset of incomplete fusion. Physical Review C, 2009, 80, .	2.9	30
39	Probing of incomplete fusion dynamics by spin-distribution measurement. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 20-24.	4.1	63
40	Spin-distribution measurement: A sensitive probe for incomplete fusion dynamics. Physical Review C, 2008, 78, .	2.9	22
41	Complete and Incomplete Fusion Reactions in $^{16}\text{O} + ^{45}\text{Sc}$ System: Measurement and Analysis of Excitation Functions below 7 MeV/Nucleon. Journal of the Physical Society of Japan, 2006, 75, 104201.	1.6	19
42	Measurement and Analysis of Alpha Particle Induced Reactions on Praseodymium. Journal of the Physical Society of Japan, 2005, 74, 1150-1153.	1.6	5