

Mohd Shuaib

List of Publications by Year in descending order

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19
papers

140
citations

1478505

6
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Incomplete fusion studies in the $^{19}\text{F}+^{159}\text{Tb}$ system at low energies and its correlation with various systematics. <i>Physical Review C</i> , 2016, 94, .	2.9	38
2	Systematic study of low-energy incomplete fusion: Role of entrance channel parameters. <i>Physical Review C</i> , 2017, 96, .	2.9	22
3	Incomplete fusion in $^{16}\text{O}+^{159}\text{Tb}$. <i>Nuclear Physics A</i> , 2016, 946, 182-193.	1.5	15
4	Effects of projectile break-up on fusion cross sections at energies near and above the Coulomb barrier: A case of incomplete fusion. <i>Physical Review C</i> , 2018, 98, .	2.9	15
5	Influence of incomplete fusion on complete fusion at energies above the Coulomb barrier. <i>Journal of Physics C: Nuclear and Particle Physics</i> , 2017, 44, 105108.	3.6	14
6	Mass and isotopic yield distributions of fission-like events in the $^{19}\text{F}+^{159}\text{Tb}$ system at low energies. <i>Physical Review C</i> , 2019, 99, .	2.9	6
7	Effect of non- $^{1\pm}$ -cluster projectile on incomplete-fusion dynamics: Experimental study of the $^{14}\text{N}+^{181}\text{Ta}$ system. <i>Physical Review C</i> , 2021, 104, .	2.9	6
8	Precompound emission in low-energy heavy-ion interactions from recoil range and spin distributions of heavy residues: A new experimental method. <i>Physical Review C</i> , 2016, 94, .	2.9	5
9	Observation of incomplete fusion at low angular momenta. <i>EPJ Web of Conferences</i> , 2015, 86, 00050.	0.3	4
10	Systematic study of fusion suppression for tightly bound projectiles at above-barrier energies. <i>Physical Review C</i> , 2022, 105, .	2.9	4
11	Fissionlike events in the $^{14}\text{N}+^{181}\text{Ta}$ system. <i>Physical Review C</i> , 2019, 99, .	2.9	3
12	Semiclassical and quantum mechanical analysis of $^{1\pm}$ -particle-induced reactions on praseodymium: A study relevant to precompound emission. <i>Physical Review C</i> , 2019, 99, .	2.9	3
13	Systematic study of precompound neutron emission in $^{1\pm}$ -particle-induced reactions. <i>Physical Review C</i> , 2018, 98, .	2.9	2
14	Analysis of experimental cross-section for $(\alpha^{1\pm}, n)$ reactions in odd A and odd Z heavy nuclei: A systematics on pre-compound emission. <i>European Physical Journal A</i> , 2018, 54, 1.	2.5	2
15	New experimental approach for developing a mass-energy systematics for precompound emission. <i>Physical Review C</i> , 2021, 104, .	2.9	1
16	A systematic experimental study of pre-compound emission in α -particle induced reactions on odd mass nuclei $A=103-123$. <i>European Physical Journal A</i> , 2020, 56, 1.	2.5	0
17	Systematic Study of Projectile Break-up on Fusion Cross-sections at Energies $\sim 4-7$ MeV/nucleon: Recent Results. , 2020, , .		0
18	A Comprehensive Analysis of Incomplete Fusion Reactions in $^{16}\text{O} + ^{159}\text{Tb}$ System. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Mass-number dependence of statistical model parameters and its impact on incomplete fusion fraction calculations. Physical Review C, 2021, 104, .	2.9	0