

Tilak Kumar Ghosh

List of Publications by Year in descending order

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papers

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1040056

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397
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasifission in $\text{Kr} + \text{Kr}$ induced reactions populating superheavy elements. <i>Physical Review C</i> , 2022, 105, .	2.9	4
2	Signature of fusion suppression in complex fragment emission. <i>Physical Review C</i> , 2022, 105, .	2.9	0
3	Nuclear level density and thermal properties of ^{115}Sn from neutron evaporation. <i>European Physical Journal A</i> , 2021, 57, 1.	2.5	2
4	Excitation energy and angular momentum dependence of the nuclear level density parameter around $A \approx 110$. <i>Physical Review C</i> , 2021, 103, .	2.9	3
5	Complex fragment emission in dissipative binary decay of $\text{Kr} + \text{Kr}$ fission fragment mass and folding angle distributions in the reaction $\text{Be} + \text{U}$	2.9	0
6	$\text{Be} + \text{U}$ fission-fission dynamics of $\text{U} + \text{U}$	2.9	1
7	Evidence for the reduction of nuclear level density away from the \hat{I}^2 -stability line. <i>Physical Review C</i> , 2020, 102, .	2.9	8
8	Measurement of fragment-mass distributions from fission of At following the $\text{Be} + \text{Be}$	2.9	4
9	Fusion-fission dynamics of $\text{Pt} + \text{Pt}$ through fission-fragment-mass distribution measurements. <i>Physical Review C</i> , 2019, 100, .	2.9	6
10	Fission and quasifission of the composite system $\text{Z} + \text{Z}$ formed in heavy-ion reactions at energies near the Coulomb barrier. <i>Physical Review C</i> , 2019, 99, .	2.9	4
11	Effect of neutron alignments on the structure of $\text{Tl} + \text{Tl}$	2.9	5
12	Role of quasifission in fission fragment mass distributions for the $\text{Si} + \text{Au}$	2.9	3
13	Band structures in ^{169}Tm and the structures of Tm isotopes around $N = 98$. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	0
14	Effect of clustering on the emission of light charged particles. <i>European Physical Journal A</i> , 2018, 54, 1.	2.5	0
15	Experimental nuclear physics research using the cyclotron at VECC. <i>European Physical Journal A</i> , 2018, 54, 1.	2.5	2
16	Study of ^{26}Mg through $1p$ pick-up reaction $^{27}\text{Al}(d, ^3\text{He})$. <i>International Journal of Modern Physics E</i> , 2017, 26, 1750064.	1.0	1
17	Fragment emission mechanism in the $\text{S32} + \text{C12}$ reaction. <i>Physical Review C</i> , 2017, 95, .	2.9	3
18	Fission fragment mass distributions from Po210 and At213 . <i>Physical Review C</i> , 2017, 96, .	2.9	8

#	ARTICLE	IF	CITATIONS
19	Fission fragment mass distributions in reactions populating ^{200}Pb . Physical Review C, 2016, 94, .	2.9	9
20	Experimental investigation of $T=1$ analog states of ^{26}Al and ^{26}Mg . Physical Review C, 2016, 93, .	2.9	7
21	Fission dynamics study in ^{243}Am and ^{254}Fm . Physical Review C, 2016, 93, .	2.9	1
22	Probing effective nucleon masses with heavy-ion collisions. Physical Review C, 2016, 94, .	2.9	44
23	Fission and quasifission of composite systems with ^{208}Zn : Transition from heavy-ion reactions involving S and Ca to Ti and Ni ions. Physical Review C, 2016, 94, .	2.9	10
24	Survival of cluster correlation in dissipative binary breakup of $^{24,25}\text{Mg}$. Physical Review C, 2016, 94, .	2.9	11
25	Excitation energy dependence of the level density parameter close to the doubly magic ^{208}Pb . Physical Review C, 2016, 94, .	2.9	13
26	No influence of $aN=126$ neutron-shell closure in fission-fragment mass distributions. Physical Review C, 2015, 92, .	2.9	9
27	Experimental study of ^{26}Al through the $1p$ pick-up reaction $^{27}\text{Al}(d,t)$. Physical Review C, 2015, 91, .	2.9	8
28	Fusion-fission dynamics studies using mass distribution as a probe. Pramana - Journal of Physics, 2015, 85, 291-301.	1.8	3
29	Elastic breakup cross sections of well-bound nucleons. Physical Review C, 2014, 90, .	2.9	9
30	Decay of Hoyle state. Pramana - Journal of Physics, 2014, 83, 673-682.	1.8	1
31	Band structures and intruder $13/2$ state in ^{197}Tl . Physical Review C, 2013, 88, .	2.9	7
32	Probing elastic and inelastic breakup contributions to intermediate-energy two-proton removal reactions. Physical Review C, 2012, 85, .	2.9	11
33	CLUSTER EMISSION IN $^{16}\text{O} + ^{16}\text{O}$ REACTIONS AT ~ 6 MEV/NUCLEON. International Journal of Modern Physics E, 2011, 20, 789-792. ML	2.9	20
34	CLUSTER EMISSION IN $^{13}\text{C} + ^{12}\text{C}$ AND $^{12}\text{C} + ^{12}\text{C}$ REACTIONS AT ~ 6 MEV/NUCLEON. International Journal of Modern Physics E, 2011, 20, 789-792. ML	1.0	1
35	CLUSTER EMISSION IN $^{12}\text{C} + ^{12}\text{C}$ REACTIONS AT ~ 6 MEV/NUCLEON. International Journal of Modern Physics E, 2011, 20, 789-792. ML	2.9	29
36	Change over from compound nuclear fission to quasi-fission. , 2009, , .		0

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37	Variation of variance of fission fragment mass distribution: a probe to study the dynamics of fusion-fission reactions. AIP Conference Proceedings, 2007, , .	0.4	0