

V Parkar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/784541/publications.pdf>

Version: 2024-02-01

50
papers

1,185
citations

361413

20
h-index

377865

34
g-index

50
all docs

50
docs citations

50
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Occupation probabilities of valence orbitals relevant to neutronless double α decay of ^{112}Sn . Experimental evidence for ^{112}Sn . Physical Review C, 2022, 105, .	2.9	0
2	^{112}Sn production following neutron transfer in the ^{112}Sn production reaction mechanism study for multinucleon transfer processes in collisions of spherical and deformed nuclei at energies near and above the Coulomb barrier: The ^{112}Sn production for the ^{112}Sn production	2.9	1
3	Reaction mechanism study for multinucleon transfer processes in collisions of spherical and deformed nuclei at energies near and above the Coulomb barrier: The ^{112}Sn production for the ^{112}Sn production	2.9	2
4	Reaction mechanism study for multinucleon transfer processes in collisions of spherical and deformed nuclei at energies near and above the Coulomb barrier: The ^{112}Sn production for the ^{112}Sn production	2.9	10
5	Neutron transfer in $^{9}\text{Be} + ^{159}\text{Tb}$ system. European Physical Journal A, 2021, 57, 1.	2.5	2
6	Investigation of neutron transfer in $^{9}\text{Be} + ^{159}\text{Tb}$ system. European Physical Journal A, 2021, 57, 1.	2.9	6
7	Fusion of ^{124}Sn system. Physical Review C, 2021, 104, .	2.9	1
8	Fusion of the Borromean nucleus ^{9}Be with a ^{197}Au target at near-barrier energies. Physical Review C, 2020, 101, .	2.9	12
9	Role of target shell structure in direct reactions involving weakly bound ^{7}Li . Physical Review C, 2019, 100, .	2.9	7
10	Evolution of collectivity and evidence of octupole correlations in ^{73}Br . Physical Review C, 2019, 100, .	2.9	19
11	Investigation of complete and incomplete fusion in the $^{73}\text{Br} + ^{7}\text{Li}$ reaction near Coulomb barrier energies. Physical Review C, 2018, 97, .	2.9	29
12	Deep-inelastic multinucleon transfer processes in the $^{16}\text{O} + ^{27}\text{Al}$ reaction. Physical Review C, 2018, 97, .	2.9	7
13	Fusion reaction studies for the $^{6}\text{Li} + ^{112}\text{Sn}$ system at near-barrier energies. Physical Review C, 2018, 98, .	2.9	21
14	Fusion hindrance at deep sub-barrier energies for the $^{11}\text{B} + ^{197}\text{Au}$ system. Physical Review C, 2017, 96, .	2.9	14
15	Investigation of large ^{112}Sn production in reactions involving weakly bound ^{112}Sn production	2.9	19
16	High-spin states in ^{133}Cs and the shell model description. Physical Review C, 2017, 95, .	2.9	4
17	Elastic, inelastic and inclusive alpha cross sections in $^{6}\text{Li} + ^{112}\text{Sn}$ system. EPJ Web of Conferences, 2016, 117, 06022.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044. Exploring contributions from incomplete fusion in $^6\text{Li} + ^{209}\text{Bi}$ reaction. Physical Review C, 2016, 93, 014801.	0.4	9
20	Probing transfer of unbound states of the $^6\text{Li} + ^{209}\text{Bi}$ system with weakly bound ^6Li projectile. Physical Review C, 2016, 93, 014801.	2.9	27
21	Multinucleon transfer study in $^{206}\text{Pb} + ^{18}\text{O}$ at energies above the Coulomb barrier. Physical Review C, 2015, 92, 014601.	2.9	20
22	Direct and compound-nucleus reaction mechanisms in the $^7\text{Be} + ^{58}\text{Ni}$ reaction. Physical Review C, 2015, 92, 014601.	2.9	30
23	Elastic scattering and transfer reactions for the system $^7\text{Be} + ^{58}\text{Ni}$ at Coulomb barrier energies. Journal of Physics: Conference Series, 2015, 639, 012002.	0.4	1
24	Reaction dynamics studies for the system $^7\text{Be} + ^{58}\text{Ni}$. Journal of Physics: Conference Series, 2015, 590, 012057.	0.4	0
25	Fusion and quasi-elastic scattering in the $^7\text{Be} + ^{197}\text{Au}$ reaction. Physical Review C, 2014, 89, 014801.	2.9	31
26	Understanding fusion and its suppression for the $^7\text{Be} + ^{197}\text{Au}$ reaction. Physical Review C, 2014, 89, 014801.	2.9	12
27	Elastic scattering and $^7\text{Be} + ^{197}\text{Au}$ reaction. Physical Review C, 2014, 89, 014801.	2.9	10
28	Elastic scattering and fusion cross-sections in $^7\text{Li} + ^{27}\text{Al}$ reaction. Pramana - Journal of Physics, 2013, 81, 587-602.	1.8	10
29	Exploring the breakup and transfer coupling effects in $^7\text{Li} + ^{209}\text{Bi}$ elastic scattering. Physical Review C, 2013, 87, 014801.	2.9	31
30	Transfer process in the $^7\text{Li} + ^{209}\text{Bi}$ reaction. Physical Review C, 2013, 87, 014801.	2.9	21
31	Scattering of ^8He on ^{208}Pb at 22 MeV. , 2013, , .		0
32	Fusion reaction studies for the $^8\text{He} + ^{208}\text{Pb}$ reaction. Physical Review C, 2013, 87, 014801.	2.9	61
33	Small quadrupole deformation for the dipole bands in ^{112}In . Physical Review C, 2012, 85, 014801.	2.9	15
34	Disentangling reaction mechanisms for $^8\text{He} + ^{208}\text{Pb}$ reaction. Physical Review C, 2012, 85, 014801.	2.9	36
35	Structure of Dipole Bands in ^{112}In Through Lifetime Measurement. Journal of Physics: Conference Series, 2012, 381, 012061.	0.4	1

#	ARTICLE	IF	CITATIONS
37	mechanisms involving weakly bound ^6Li and $^6\text{Li} + ^6\text{Li}$ fusion of the weakly bound projectile ^6Li . Physical Review C, 2009, 79, .	2.9	79
38	Investigation of cluster structure of ^9Be from high precision elastic scattering data. Physical Review C, 2011, 84, .	2.9	74
39	Complete and incomplete fusion in $^9\text{Be} + ^{124}\text{Sn}$ system. Proceedings in Radiochemistry, 2011, 1, 131-134.	0.2	0
41	Inclusive ^6Li -production cross section for the $^6\text{Li} + ^6\text{Li}$ fusion of the weakly bound projectile ^6Li . Physical Review C, 2009, 79, .	2.9	21
42	Production of ^6Li in $^6\text{Li} + ^6\text{Li}$ reaction. AIP Conference Proceedings, 2010, .	2.9	79
43	Suppression of complete fusion in the $^6\text{Li} + ^6\text{Li}$ reaction. Physical Review Letters, 2009, 103, 232702.	2.9	63
44	Exploring Fusion at Extreme Sub-Barrier Energies with Weakly Bound Nuclei. Physical Review Letters, 2009, 103, 232702.	7.8	53
47	Reaction mechanism study of $^7\text{Li}(^7\text{Li},^6\text{He})$ reaction at above Coulomb barrier energies. Pramana - Journal of Physics, 2009, 72, 363-373.	1.8	2
48	Breakup threshold anomaly in the elastic scattering for the $^6\text{Li} + ^6\text{Li}$ system. Physical Review C, 2006, 73, .	2.9	60
49	Elastic scattering and fusion cross sections for $^7\text{Li}, ^7\text{Li} + ^{127}\text{I}$ systems. Physical Review C, 2006, 73, .	2.9	15
50	Elastic scattering and fusion cross sections for $^7\text{Be}, ^7\text{Li} + ^{127}\text{I}$ systems. Physical Review C, 2006, 73, .	2.9	45