

G G Chubarian

List of Publications by Year in descending order

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52
papers

889
citations

471509

17
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477307

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52
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52
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52
times ranked

875
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotopic scaling of heavy projectile residues from the collisions of $^{25}\text{MeV/nucleon } ^{86}\text{Kr}$ with ^{124}Sn , ^{112}Sn and ^{64}Ni , ^{58}Ni . <i>Physical Review C</i> , 2003, 68, .	2.9	68
2	A new natural gamma radiation measurement system for marine sediment and rock analysis. <i>Journal of Applied Geophysics</i> , 2011, 75, 455-463.	2.1	61
3	Low-lying levels in ^{15}F and the shell model potential for drip-line nuclei. <i>Physical Review C</i> , 2004, 69, .	2.9	54
4	Enhanced Production of Neutron-Rich Rare Isotopes in Peripheral Collisions at Fermi Energies. <i>Physical Review Letters</i> , 2003, 91, 022701.	7.8	51
5	Fusion-fission and quasifission of superheavy systems with $Z > 110$. <i>Physical Review C</i> , 2014, 90, .	2.9	51
6	The decay modes of proton drip-line nuclei with A between 42 and 47. <i>Zeitschrift für Physik A</i> , 1992, 344, 135-144.	0.9	50
7	Production cross sections from ^{82}Se fragmentation as indications of shell effects in neutron-rich isotopes close to the drip-line. <i>Physical Review C</i> , 2013, 87, .	2.9	50
8	Single neutron emission following ^{11}Li β^- -decay. <i>Nuclear Physics A</i> , 1997, 627, 222-238.	1.5	48
9	Enhanced production of neutron-rich rare isotopes in the reaction of $^{25}\text{MeV/nucleon } ^{86}\text{Kr}$ on ^{64}Ni . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 543, 163-172.	4.1	48
10	Investigation of the α -cluster structure of ^{22}Ne and ^{22}Mg . <i>Physical Review C</i> , 2004, 69, .	2.9	46
11	Fission modes in the reaction $^{208}\text{Pb}(^{18}\text{O}, f)$. <i>Physical Review C</i> , 2000, 62, .	2.9	44
12	$T=5/2$ states in ^9Li : Isobaric analog states of ^9He . <i>Physical Review C</i> , 2003, 67, .	2.9	44
13	Analog States of ^7He Observed via the $^6\text{He}(p, n)$ Reaction. <i>Physical Review Letters</i> , 2004, 92, 232502.	7.8	41
14	First observation of α -cluster states in the $^{14}\text{O} + ^4\text{He}$ interaction. <i>Physical Review C</i> , 2008, 77, .	2.9	24
15	Production and separation of neutron-rich rare isotopes around and below the Fermi energy. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 204, 166-173.	1.4	23
16	Doppler Shift as a Tool for Studies of Isobaric Analog States of Neutron-Rich Nuclei: Application to ^7He . <i>Physical Review Letters</i> , 2005, 95, 132502.	7.8	19
17	Structure of ^{12}N using $^{11}\text{C} + p$ resonance scattering. <i>Physical Review C</i> , 2006, 74, .	2.9	17
18	Single and double proton emissions from the $^{14}\text{O} + ^4\text{He}$ interaction. <i>Physical Review C</i> , 2008, 77, .	2.9	17

#	ARTICLE	IF	CITATIONS
19	Heavy residues with $A < 90$ from the asymmetric reaction of $^{20}\text{A MeV } ^{124}\text{Sn} + ^{27}\text{Al}$ as a sensitive probe of the onset of multifragmentation. Nuclear Physics A, 2003, 724, 431-454.	1.5	16
20	Investigation of the $^{208}\text{Pb}(18\text{O}, f)$ fission reaction: Mass-energy distributions of fission fragments and their correlation with the gamma-ray multiplicity. Physics of Atomic Nuclei, 2008, 71, 956-981.	0.4	16
21	Gamma-Ray Multiplicities and Fission Modes in $^{208}\text{Pb}(^{18}\text{O}, f)$. Physical Review Letters, 2001, 87, 052701.	7.8	14
22	Nuclear structure beyond the neutron drip line: The lowest energy states in ^9He via their $T = 5/2$ isobaric analogs in ^9Li . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 323-327.	4.1	14
23	Cold and hot binary and ternary fission yields in the spontaneous fission of ^{252}Cf . Physics of Atomic Nuclei, 2002, 65, 645-652.	0.4	10
24	Challenging fission dynamics around the barrier: The case of $^{34}\text{S} + ^{186}\text{W}$. European Physical Journal A, 2016, 52, 1.	2.5	10
25	Probing fission time scales with neutrons and GDR gamma rays. Physics of Atomic Nuclei, 2003, 66, 1163-1167.	0.4	8
26	The detector system of the BigSol spectrometer at Texas A & M. Nuclear Instruments & Methods in Physics Research B, 2007, 265, 605-614.	1.4	6
27	Structure of exotic ^7He and ^9He . Nuclear Physics A, 2004, 746, 229-235.	1.5	5
28	Investigation of the reaction $^{208}\text{Pb}(^{18}\text{O}, f)$: Fragment spins and phenomenological analysis of the angular anisotropy of fission fragments. Physics of Atomic Nuclei, 2007, 70, 1679-1693.	0.4	5
29	A facility upgrade at Texas A&M University for accelerated radioactive beams. European Physical Journal: Special Topics, 2007, 150, 255-258.	2.6	5
30	Production of rare isotope beams at the Texas A&M University Cyclotron Institute. Review of Scientific Instruments, 2012, 83, 02A905.	1.3	5
31	A position and pulse shape discriminant p-terphenyl detector module. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1010, 165492.	1.6	4
32	The TAMUTRAP facility: A Penning trap facility at Texas A&M University for weak interaction studies. International Journal of Mass Spectrometry, 2021, 468, 116636.	1.5	4
33	Shell effects in the evolution of the mass asymmetry in heavy-ion collisions leading to composite systems with $Z=108$. Zeitschrift für Physik A, Atomic Nuclei, 1986, 325, 335-346.	0.3	3
34	Observation of fission modes in heavy ion induced reactions. , 1998, , .		2
35	Resonance scattering $^8\text{He} + p$ and $T = 5/2$ states in ^9Li . Nuclear Physics A, 2004, 734, 349-356.	1.5	2
36	New Perspectives in the Studies of Resonance Scattering. Acta Physica Hungarica A Heavy Ion Physics, 2003, 18, 215-222.	0.4	1

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37	Neutron-rich rare isotope production in the Fermi energy domain. Nuclear Physics A, 2004, 734, 557-562.	1.5	1
38	Publisher's Note: Fusion-fission and quasifission of superheavy systems with $Z=110$ – 116 formed in Ca-48-induced reactions [Phys. Rev. C 90, 054608 (2014)]. Physical Review C, 2014, 90, .	2.9	1
39	The study of neutron-rich nuclei production in the region of the closed shell $N=126$ in the multi-nucleon transfer reaction $^{136}\text{Xe} + ^{208}\text{Pb}$. Journal of Physics: Conference Series, 2016, 703, 012020.	0.4	1
40	On the evolution of the mass asymmetry in damped heavy-ion collisions. Zeitschrift für Physik A, Atomic Nuclei, 1988, 330, 433-434.	0.3	0
41	Isobaric analog states as a tool for spectroscopy of exotic nuclei. Nuclear Instruments & Methods in Physics Research B, 2005, 241, 977-982.	1.4	0
42	Isobaric analog states of neutron-rich nuclei. Doppler shift as a measurement tool for resonance excitation functions. European Physical Journal A, 2005, 25, 259-260.	2.5	0
43	Doppler shift as a tool for studies of resonant (p,n) reactions with RIBs: Spectroscopy of ^7He . AIP Conference Proceedings, 2006, , .	0.4	0
44	Investigation of the reaction $^{208}\text{Pb}(^{18}\text{O}, f)$: Folding angular distributions of fission fragments and gamma-ray multiplicity. Physics of Atomic Nuclei, 2007, 70, 1669-1678.	0.4	0
45	Proton decay of ^{18}Ne states populated in the $^{14}\text{O} + ^{12}\text{C}$ resonance interaction.. AIP Conference Proceedings, 2008, , .	0.4	0
46	α -cluster structure in light $N \approx Z$ nuclei. , 2009, , .		0
47	Resonance Scattering to Study Exotic Nuclei at the Limits of Stability. Journal of Physics: Conference Series, 2012, 337, 012008.	0.4	0
48	The rare isotope beams production at the Texas A&M university Cyclotron Institute. , 2013, , .		0
49	Production cross sections of neutron rich isotopes from a ^{82}Se beam. Journal of Physics: Conference Series, 2013, 420, 012070.	0.4	0
50	A secondary beam separator: A combination of the COMBAS fragment separator with the ion catcher. Instruments and Experimental Techniques, 2014, 57, 394-409.	0.5	0
51	The fusion-fission process in the reaction $^{34}\text{S} + ^{186}\text{W}$ near the interaction barrier. , 2015, , .		0
52	Isobaric analog states of neutron-rich nuclei. Doppler shift as a measurement tool for resonance excitation functions. , 2005, , 259-260.		0