G G Chubarian

List of Publications by Year
in descending order

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52	889	471509	477307
papers	citations	17	29
		h-index	g-index

52	52	52	875
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	The study of neutron-rich nuclei production in the region of the closed shell N=126 in the multi-nucleon transfer reaction¹³⁶Xe+²⁰⁸Pb. Journal of Physics: Conference Series, 2016, 703, 012020.	0.4	1
4	Nuclear structure beyond the neutron drip line: The lowest energy states in 9 He via their T = 5/2 isobaric analogs in 9 Li. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 323-327.	4.1	14
5	Challenging fission dynamics around the barrier: The case of 34S + 186W. European Physical Journal A, 2016, 52, 1.	2.5	10
6	The fusion-fission process in the reaction 34S+186W near the interaction barrier. , 2015, , .		0
7	Publisher's Note: Fusion-fission and quasifission of superheavy systems withZ=110â€“116formed inCa48-induced reactions [Phys. Rev. C90, 054608 (2014)]. Physical Review C, 2014, 90, .	2.9	1
8	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
9	Fusion-fission and quasifission of superheavy systems with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Z</mml:mi><mml:mo>=</mml:mo><mml:mn>110</mml:mn> in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ca</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>48</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>-induced reactions	2.9	51
10	Production cross sections from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>82</mml:mn></mml:msup></mml:math>Se fragmentation as indications of shell effects in neutron-rich isotopes close to the drip-line. Physical Review C, 2013, 87, .	2.9	50
11	The rare isotope beams production at the Texas A&M university Cyclotron Institute. , 2013, , .		0
12	Production cross sections of neutron rich isotopes from a⁸²Se beam. Journal of Physics: Conference Series, 2013, 420, 012070.	0.4	0
13	Production of rare isotope beams at the Texas A&M University Cyclotron Institute. Review of Scientific Instruments, 2012, 83, 02A905.	1.3	5
14	Resonance Scattering to Study Exotic Nuclei at the Limits of Stability. Journal of Physics: Conference Series, 2012, 337, 012008.	0.4	0
15	A new natural gamma radiation measurement system for marine sediment and rock analysis. Journal of Applied Geophysics, 2011, 75, 455-463.	2.1	61
16	Î±-cluster structure in light Nâ‰Z nuclei. , 2009, , .		0
17	Investigation of the 208Pb(18O, 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
18	Proton decay of [sup 18]Ne states populated in the [sup 14]O+Î± resonance interaction.. AIP Conference Proceedings, 2008, , .	0.4	0

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19	First observation ofÎ±-cluster states in the14Oâ€‰+â€‰4Heinteraction. Physical Review C, 2008, 77, .	2.9	24
20	Single and double proton emissions from the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>14</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi mathvariant="normal">He</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>interaction. Physi	2.9	17
21	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
22	Investigation of the reaction 208Pb(18O, f): Folding angular distributions of fission fragments and gamma-ray multiplicity. Physics of Atomic Nuclei, 2007, 70, 1669-1678.	0.4	0
23	Investigation of the reaction 208Pb(18O, f): Fragment spins and phenomenological analysis of the angular anisotropy of fission fragments. Physics of Atomic Nuclei, 2007, 70, 1679-1693.	0.4	5
24	A facility upgrade at Texas A&M University for accelerated radioactive beams. European Physical Journal: Special Topics, 2007, 150, 255-258.	2.6	5
25	Doppler shift as a tool for studies of resonant (p,n) reactions with RIBs: Spectroscopy of 7He. AIP Conference Proceedings, 2006, , .	0.4	0
26	Structure ofN12usingC11+presonance scattering. Physical Review C, 2006, 74, .	2.9	17
27	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
28	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
29	Doppler Shift as a Tool for Studies of Isobaric Analog States of Neutron-Rich Nuclei: Application toHe7. Physical Review Letters, 2005, 95, 132502.	7.8	19
30	Isobaric analog states of neutron-rich nuclei. Doppler shift as a measurement tool for resonance excitation functions. , 2005, , 259-260.		0
31	Analog States ofHe7Observed via theHe6(p,n)Reaction. Physical Review Letters, 2004, 92, 232502.	7.8	41
32	Investigation of theÎ±-cluster structure ofNe22andMg22. Physical Review C, 2004, 69, .	2.9	46
33	Resonance scattering8He + p and T = 5/2 states in9Li. Nuclear Physics A, 2004, 734, 349-356.	1.5	2
34	Structure of exotic 7He and 9He. Nuclear Physics A, 2004, 746, 229-235.	1.5	5
35	Neutron-rich rare isotope production in the Fermi energy domain. Nuclear Physics A, 2004, 734, 557-562.	1.5	1
36	Low-lying levels inF15and the shell model potential for drip-line nuclei. Physical Review C, 2004, 69, .	2.9	54

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37	New Perspectives in the Studies of Resonance Scattering. Acta Physica Hungarica A Heavy Ion Physics, 2003, 18, 215-222.	0.4	1
38	Production and separation of neutron-rich rare isotopes around and below the Fermi energy. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 166-173.	1.4	23
39	Heavy residues with A<90 from the asymmetric reaction of 20ÂAMeV 124Sn+27Al as a sensitive probe of the onset of multifragmentation. Nuclear Physics A, 2003, 724, 431-454.	1.5	16
40	Probing fission time scales with neutrons and GDR gamma rays. Physics of Atomic Nuclei, 2003, 66, 1163-1167.	0.4	8
41	Enhanced Production of Neutron-Rich Rare Isotopes in Peripheral Collisions at Fermi Energies. Physical Review Letters, 2003, 91, 022701.	7.8	51
42	Isotopic scaling of heavy projectile residues from the collisions of25MeV/nucleonâ€‚86Krwith124Sn,112Snand64Ni,58Ni. Physical Review C, 2003, 68, .	2.9	68
43	T=5/2states in9Li:Isobaric analog states of9He. Physical Review C, 2003, 67, .	2.9	44
44	Cold and hot binary and ternary fission yields in the spontaneous fission of 252Cf. Physics of Atomic Nuclei, 2002, 65, 645-652.	0.4	10
45	Enhanced production of neutron-rich rare isotopes in the reaction of 25ÂMeV/nucleon 86Kr on 64Ni. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 543, 163-172.	4.1	48
46	Gamma-Ray Multiplicities and Fission Modes inP208b(O18,f). Physical Review Letters, 2001, 87, 052701.	7.8	14
47	Fission modes in the reaction208Pb(18O,f). Physical Review C, 2000, 62, .	2.9	44
48	Observation of fission modes in heavy ion induced reactions. , 1998, , .		2
49	Single neutron emission following 11Li Î²-decay. Nuclear Physics A, 1997, 627, 222-238.	1.5	48
50	The decay modes of proton drip-line nuclei with A between 42 and 47. Zeitschrift FÃ¼r Physik A, 1992, 344, 135-144.	0.9	50
51	On the evolution of the mass asymmetry in damped heavy-ion collisions. Zeitschrift FÃ¼r Physik A, Atomic Nuclei, 1988, 330, 433-434.	0.3	0
52	Shell effects in the evolution of the mass asymmetry in heavy-ion collisions leading to composite systems withZ=108. Zeitschrift FÃ¼r Physik A, Atomic Nuclei, 1986, 325, 335-346.	0.3	3