

Akaa D Ayangeakaa

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,499
citations

304743

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330143

37
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79
all docs

79
docs citations

79
times ranked

1171
citing authors

#	ARTICLE	IF	CITATIONS
1	The polarization sensitivity of GRETINA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1025, 166155.	1.6	3
2	Structures in ^{155}Gd . Physical Review C, 2022, 105, .	2.9	0
3	Single-particle and dipole excitations in ^{62}Co . Physical Review C, 2022, 105, .	2.9	5
4	Single-particle and collective excitations in ^{66}Zn . Physical Review C, 2022, 105, .	2.9	1
5	Ground-state and decay properties of neutron-rich Nb106. Physical Review C, 2021, 103, .	2.9	1
6	Decay of the key 92-keV resonance in the $^{25}\text{Mg}(p,\beta^+)$ reaction to the ground and isomeric states of the cosmic β^+ -ray emitter ^{26}Al . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136033.	4.1	6
7	Rotational structures in ^{98}Gd . Physical Review C, 2021, 103, .	2.9	2
8	Solving the Puzzles of the Decay of the Heaviest Known Proton-Emitting Nucleus ^{161}Bi . Physical Review Letters, 2021, 127, 202501.	7.8	10
9	Snake Coexistence at Zero Spin in ^{64}Ni . Physical Review Letters, 2021, 127, 202501.	7.8	24
10	Multinucleon transfer in the interaction of 977 MeV and 1143 MeV ^{204}Hg with ^{208}Pb . Physical Review C, 2020, 101, .	2.9	12
11	Longitudinal wobbling motion in ^{187}Au . Physical Review C, 2020, 102, .	7.8	37
12	High- K two-quasiparticle states in ^{160}Gd . Physical Review C, 2020, 101, .	2.9	9
13	Search for the $1/2^+$ intruder state in P35. Physical Review C, 2020, 102, .	2.9	0
14	Backbending, seniority, and Pauli blocking of pairing correlations at high rotational frequencies in rapidly rotating nuclei. Physical Review C, 2019, 100, .	2.9	5
15	Evidence for longitudinal wobbling in ^{76}Ge . Physical Review C, 2019, 100, .	7.8	34
16	Probing the role of proton cross-shell excitations in ^{70}Ni using nucleon knockout reactions. Physical Review C, 2019, 100, .	2.9	5
17	Longitudinal wobbling in ^{133}La . European Physical Journal A, 2019, 55, 1.	2.5	36
18	The $^{136}\text{Xe} + ^{198}\text{Pt}$ reaction: A test of models	2.9	35

#	ARTICLE	IF	CITATIONS
19	Two-phonon wobbling in ^{135}Pr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 170-174.	4.1	43
20	Proton decay of ^{108}I and its significance for the termination of the astrophysical rp-process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 187-192.	4.1	18
21	Key ^{19}Ne States Identified Affecting \hat{I}^3 -Ray Emission from F18 in Novae. Physical Review Letters, 2019, 122, 052701.	7.8	9
22	Using $^{19}\text{F}(3\text{He},t)^{19}\text{Ne}^*(\hat{I}^3)$ to study astrophysically important levels near the $^{18}\text{F}+p$ threshold. AIP Conference Proceedings, 2019, , .	0.4	1
23	Examination of the low-energy enhancement of the \hat{I}^3 -ray strength function of ^{19}F . Physical Review C, 2018, 97, .	2.9	28
24	Probing the Single-Particle Character of Rotational States in ^{19}F . Physical Review C, 2018, 97, .	7.8	11
25	Using a Short-Lived Isomeric Beam. Physical Review Letters, 2018, 120, 122503.	0.4	1
26	Study of \hat{I}^\pm -particle induced reactions using the MUSIC detector. AIP Conference Proceedings, 2018, , .	0.4	1
27	Sub-shell closure and shape coexistence in the transitional nucleus ^{19}Zr . Physical Review C, 2018, 98, .	7.8	28
28	Novel \hat{I}^\pm Decay to Doubly Magic ^{19}Sn . Physical Review Letters, 2018, 121, 022501.	7.8	76
29	Sequence in ^{19}J . Physical Review C, 2018, 98, .	7.8	15
30	Masses and \hat{I}^\pm -Decay Spectroscopy of Neutron-Rich Odd-Odd ^{19}Ge . Physical Review Letters, 2018, 121, 022501.	2.9	11
31	Low-spin structure of the $N=82$ nucleus ^{137}Cs . Physical Review C, 2018, 98, .	2.9	0
32	Triaxiality near the ^{110}Ru ground state from Coulomb excitation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 334-338.	4.1	22
33	Overflow="scroll"></mml:mrow></mml:math> stretchy="false">(</mml:mo></mml:math> Tj ETQq1 1 0.784314 rgB</mml:math> overflow="scroll"></mml:mrow></mml:math>	7.8	29

#	ARTICLE	IF	CITATIONS
55	Persistence of collective behavior at high spin in the $N=88$ nucleus Tb_{153} . Physical Review C, 2015, 91, .	2.9	3
56	New low-energy α -decay of ^{136}Xe and ^{136}Ba . Physical Review Letters, 2015, 115, 02, .	2.9	106
57	Structure of resonances in the Gamow-Telling window for the ^{60}Ni and ^{64}Ni nuclei. Physical Review Letters, 2015, 115, 02, .	2.9	37
58	High-spin terminating states in the ^{15}Al and ^{15}Si nuclei. Physical Review Letters, 2015, 115, 02, .	2.9	14
59	Constraining the $^{12}C + ^{12}C$ fusion cross section for astrophysics. EPJ Web of Conferences, 2015, 93, 03009.	0.3	5
60	High-spin terminating states in the ^{15}Ho and ^{15}Er nuclei. Physical Review Letters, 2015, 115, 02, .	2.9	5
61	High-spin terminating states in the ^{12}C nucleus. Physical Review Letters, 2015, 115, 02, .	2.9	5

#	ARTICLE	IF	CITATIONS
73	Experimental investigation of the $^{12}\text{C}+^{12}\text{C}$ fusion at very low energies by direct and indirect methods. Journal of Physics: Conference Series, 2013, 420, 012151.	0.4	6
74	EXOTIC BEHAVIOR AT ULTRAHIGH SPIN VALUES IN LIGHT RARE-EARTH N~90 NUCLEI. , 2013, , .		0
75	The Role of $^{12}\text{C}(^{12}\text{C},n)$ in the Astrophysical S-Process. Journal of Physics: Conference Series, 2012, 381, 012121.	0.4	0
76	Collective structures up to spin ~ 65 in the $N = 90$ isotones ^{158}Er and ^{157}Ho . Journal of Physics: Conference Series, 2012, 381, 012065.	0.4	5
77	Quadrupole moments of collective structures up to spin ~ 65 in the $N = 90$ isotones ^{158}Er and ^{157}Ho . Journal of Physics: Conference Series, 2012, 381, 012065. Non-rapid positive-parity structures in the $N = 90$ isotones ^{158}Er and ^{157}Ho . Physics Letters, Section B: Nuclear, Heavy Ion and Elementary Particle Physics, 2011, 702, 127-130.	4.1	31
78	Quadrupole moments of collective structures up to spin ~ 65 in the $N = 90$ isotones ^{158}Er and ^{157}Ho . Journal of Physics: Conference Series, 2012, 381, 012065. Non-rapid positive-parity structures in the $N = 90$ isotones ^{158}Er and ^{157}Ho . Physics Letters, Section B: Nuclear, Heavy Ion and Elementary Particle Physics, 2011, 702, 127-130.	2.9	16