

Anukul Dhal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7088324/publications.pdf>

Version: 2024-02-01

50
papers

726
citations

687363

13
h-index

580821

25
g-index

51
all docs

51
docs citations

51
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic rotational band in ^{116}Sb . Nuclear Physics A, 2022, 1019, 122382.	1.5	2
2	Different manifestations of triaxial shapes of the positive and negative parity bands in ^{187}Os . Physical Review C, 2022, 105, .	2.9	3
3	Search for the Hoyle analogue state in ^{16}O . European Physical Journal A, 2021, 57, .	2.5	3
4	Collective and noncollective states in ^{66}Zn . Physical Review C, 2021, 104, .	2.9	5
5	First in-beam experiment with the ELIADe detectors: a spectroscopic study of ^{130}La . Journal of Instrumentation, 2021, 16, T12001.	1.2	6
6	Current status and highlights of the ELI-NP research program. Matter and Radiation at Extremes, 2020, 5, .	3.9	114
7	Effect of neutron alignments on the structure of ^{197}Tl . Physical Review C, 2019, 99, .	2.9	5
8	New high precision study on the decay width of the Hoyle state in ^{12}C . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 130-133.	4.1	22
9	Band structures in ^{169}Tm and the structures of Tm isotopes around $N = 98$. European Physical Journal A, 2019, 55, 1.	2.5	0
10	High-resolution Gamma-ray Spectroscopy with ELIADe at the Extreme Light Infrastructure. Acta Physica Polonica B, 2019, 50, 329.	0.8	6
11	Yrast and non-yrast spectroscopy of ^{199}Tl using ^{199}Tl -induced reactions. Physical Review C, 2018, 98, .	2.9	4
12	Observation of multiple doubly degenerate bands in ^{195}Tl . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 768-772.	4.1	33
13	Direct evidence of fadeout of collective enhancement in nuclear level density. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 105-109.	4.1	23
14	Return of backbending in ^{169}Tm and the effect of the deformed shell gap. Physical Review C, 2017, 95, .	2.9	6
15	Shape evolution with increasing angular momentum in the ^{66}Ga nucleus. Physical Review C, 2017, 95, .	2.9	4
16	Extending the application of DSAM to atypical stopping media. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 841, 17-23.	1.6	13
17	Fission fragment mass distributions from ^{210}Po and ^{213}At . Physical Review C, 2017, 96, .	2.9	8
18	Decay measurements of ^{43}K (β^2) (β^+) (β^-) ^{43}Ca by HRS and TAS. EPJ Web of Conferences, 2017, 146, 10013.	0.3	3

#	ARTICLE	IF	CITATIONS
19	High spin \hat{I}^3 -ray spectroscopy in Ca41. Physical Review C, 2016, 94, .	2.9	3
20	Excitation energy dependence of the level density parameter close to the doubly magic Pb . Physical Review C, 2016, 94, .	2.9	13
21	High spin spectroscopy and shape evolution in Cd105. Physical Review C, 2015, 91, .	2.9	3
22	Spectroscopy and shell model calculations in Si isotopes. Physical Review C, 2015, 91, .	2.9	6
23	High spin band structure of Sr . Physical Review C, 2014, 90, .	2.9	9
24	Level lifetimes in P32 obtained using the Doppler-shift attenuation method with thick molecular targets. Physical Review C, 2014, 90, .	2.9	14
25	Determination of shell correction energies at saddle point using pre-scission neutron multiplicities. Nuclear Physics A, 2013, 913, 157-169.	1.5	26
26	Tilted foils polarization at REX-ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 685-688.	1.4	5
27	Probing Fundamental Interactions by an Electrostatic Ion Beam Trap. Acta Physica Polonica B, 2013, 44, 647.	0.8	1
28	Shears mechanism in ^{109}In . Physical Review C, 2012, 85, .	2.9	11
29	Beta decay measurements from 6He using an electrostatic ion beam trap. Journal of Physics: Conference Series, 2012, 337, 012020.	0.4	8
30	Shape evolution in odd-A 137 Pm. European Physical Journal A, 2012, 48, 1.	2.5	7
31	Indian National Gamma Array at IUAC. Journal of Physics: Conference Series, 2011, 312, 052015.	0.4	8
32	Structure of ^{32}P at high spins. Physical Review C, 2011, 84, .	2.9	22
33	Indian National Gamma Array at Inter University Accelerator Centre, New Delhi. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 622, 281-287.	1.6	106
34	Lifetime measurement of high spin states in ^{75}Kr . Nuclear Physics A, 2010, 834, 72c-74c.	1.5	9
35	Evidence of antimagnetic rotation in odd- A Cd . Physical Review C, 2010, 81, .	2.9	51
36	High spin spectroscopy and shears mechanism in ^{107}In . Physical Review C, 2010, 81, .	2.9	22

#	ARTICLE	IF	CITATIONS
37	Band structure and shape coexistence in $^{56}135\text{Ba}79$. Physical Review C, 2010, 81, .	2.9	11
38	High spin states in ^{139}Pm . Physical Review C, 2009, 80, .	2.9	11
39	Shape evolution of the highly deformed ^{75}Kr nucleus examined with the Doppler-shift attenuation method. Physical Review C, 2009, 80, .	2.9	9
40	Publisher's Note: Shape evolution of the highly deformed ^{75}Kr nucleus examined with the Doppler-shift attenuation method [Phys. Rev. C80, 047302 (2009)]. Physical Review C, 2009, 80, .	2.9	0
41	Triaxial shape coexistence and new aligned band in ^{178}Os . Physical Review C, 2009, 80, .	2.9	9
42	HIGH SPIN STATES IN ^{139}Pm . , 2008, , .		0
43	Shape coexistence and high spin states in ^{52}Cr . Physical Review C, 2007, 76, .	2.9	8
44	Bandcrossing of magnetic rotation bands in ^{137}Pr . Physical Review C, 2007, 76, .	2.9	21
45	Shape changes at high spin in ^{78}Kr . European Physical Journal A, 2006, 27, 33-36.	2.5	12
46	Loss of collectivity in ^{79}Rb . European Physical Journal A, 2006, 28, 277-281.	2.5	6
47	Spin-parity measurements in the neutron-rich $N=20$ ^{34}P and ^{36}S nuclei. European Physical Journal A, 2006, 29, 151-159.	2.5	19
48	Spectroscopy of ^{90}Nb at high spin. Physical Review C, 2005, 72, .	2.9	16
49	Lifetime measurements of microsecond isomers in the $N=48$ nuclei ^{88}Zr and ^{90}Mo using recoil-isomer tagging. Physical Review C, 2004, 70, .	2.9	9
50	High-spin states in the odd-odd nucleus ^{146}Tb . Physical Review C, 2004, 70, .	2.9	9