

Saikat Chakraborty

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6850314/publications.pdf>

Version: 2024-02-01

43
papers

273
citations

1040056

9
h-index

1058476

14
g-index

44
all docs

44
docs citations

44
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiphonon longitudinal wobbling in ^{127}Xe . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135854.	4.1	27
2	Two-Neutron Alignment in ^{127}Xe . Brazilian Journal of Physics, 2017, 47, 406-410.	1.4	20
3	$\hat{\Gamma}^3$ -ray spectroscopy of fission fragments produced in ^{208}Pb (O18,f). Physical Review C, 2015, 92, .	2.9	16
4	Fabrication of ^{122}Sn target and its application in γ -ray spectroscopy. Physica Scripta, 2018, 93, 115302.	2.5	15
5	Rotational band on a three-quasineutron isomer in ^{127}Xe . Physical Review C, 2018, 97, .	2.5	15
6	$\hat{\Gamma}^3$ -vibration in ^{126}Xe : A revisit. Nuclear Physics A, 2020, 996, 121687.	1.5	12
7	Observation of multiphonon transverse wobbling in ^{133}Ba . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136756.	4.1	11
8	Revised level structure of ^{127}Xe . Europhysics Letters, 2018, 121, 42001.	2.0	10
9	Lifetime measurements in shape transition nucleus ^{188}Pt . European Physical Journal A, 2017, 53, 1.	2.5	9
10	Parity doublet structures in doubly-odd ^{216}Fr . Physical Review C, 2018, 97, .	2.5	9
11	Negative parity three-quasiparticle band in ^{127}I . European Physical Journal A, 2018, 54, 1.	2.5	9
12	Study of antimagnetic rotation in $^{109,111}\text{Cd}$. International Journal of Modern Physics E, 2018, 27, 1850034.	1.0	8
13	Observation of quasi- γ bands in Te nuclei. European Physical Journal A, 2019, 55, 1.	2.5	8
14	Search for the $23/2^+$ isomeric state in ^{125}Te . Europhysics Letters, 2019, 125, 52001.	2.0	8
15	High spin states in ^{63}Cu . European Physical Journal A, 2018, 54, 1.	2.5	7
16	γ - $\hat{\Gamma}^3$ -vibration in ^{198}Hg . European Physical Journal A, 2019, 55, 1.	2.5	7
17	Fabrication of thin Nb target for lifetime measurements of short lived excited nuclear states. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 985, 164667.	1.6	7
18	In-beam spectroscopic study of ^{63}Zn . Physical Review C, 2019, 100, .	2.5	6

#	ARTICLE	IF	CITATIONS
19	Humidity sensor using conductivity type transducer. Review of Scientific Instruments, 1995, 66, 4367-4369.	1.3	5
20	Fabrication of isotopic ^{127}I target from potassium iodide for heavy ion nuclear reactions. Vacuum, 2019, 167, 336-339.	3.5	5
21	Possible antimagnetic rotational band in ^{127}Xe . Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 015103.	3.6	5
22	Indication of $\hat{1}^3$ -vibration in $^{123,125,127}\text{I}$. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 095104.	3.6	5
23	Evolution of collectivity and shape transition in ^{66}Zn . Physical Review C, 2020, 102, .	2.9	5
24	Level structure in the transitional nucleus ^{215}Fr . Physical Review C, 2022, 105, .	2.9	5
25	Extended triaxial projected shell model approach for odd-neutron nuclei. Physical Review C, 2022, 105, .	2.9	5
26	Spectroscopy of weakly deformed bands in ^{87}Zr : First observation of the shears mechanism in a Zr isotope. Physical Review C, 2018, 98, .	2.9	4
27	Possible Antimagnetic Rotational Band in ^{102}Ru . Brazilian Journal of Physics, 2019, 49, 539-542.	1.4	4
28	Signature splitting in the positive parity bands of ^{127}Xe . European Physical Journal A, 2020, 56, 1.	2.5	4
29	Spectroscopic investigation of complex nuclear excitations in ^{66}Ga . Physical Review C, 2020, 102, .	2.9	3
30	Quasi- $\hat{1}^3$ band in ^{114}Te . Physical Review C, 2020, 101, .	2.9	3
31	Investigating Prolate--Oblate Shape Inversion in Pt Nuclei Near $A \sim 188$. Acta Physica Polonica B, 2017, 48, 337.	0.8	3
32	Fabrication and characterization of ^{169}Tm target for Nuclear Lifetime Measurements. Nuclear Instruments & Methods in Physics Research B, 2022, 511, 1-5.	1.4	3
33	Lifetime measurements in ^{104}Pd . Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 125104.	3.6	2
34	Magnetic rotational band in ^{116}Sb . Nuclear Physics A, 2022, 1019, 122382.	1.5	2
35	Evolution of nuclear structure through isomerism in ^{216}Fr . Physical Review C, 2022, 105, .	2.9	2
36	Total Routhian surface calculations to study the abrupt band termination phenomenon in $^{121,123}\text{I}$. International Journal of Modern Physics E, 2020, 29, 2050055.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Magnetic Rotation in (⁶⁰ Ni): A Semiclassical Description. Acta Physica Polonica B, 2020, 51, 473.	0.8	1
38	Structure of positive parity states in ¹³⁹ Pm. Physica Scripta, 2020, 95, 095304.	2.5	1
39	Three-phonon multiplets in ¹¹⁶ Sn. Nuclear Physics A, 2022, 1018, 122375.	1.5	1
40	Spin and parity assignments of π h _{11/2} band in [¹²⁷ I]. , 2013, , .		0
41	Systematic study of iodine nuclei in A [~] 4125 mass region. , 2014, , .		0
42	Octupole correlations in ¹²⁷ I. International Journal of Modern Physics E, 2021, 30, 2150030.	1.0	0
43	A note on the parity of π = 5 ⁺ state in ^{126,128} Xe. International Journal of Modern Physics E, 2021, 30, .	1.0	0