

Rudrajyoti Palit

List of Publications by Year in descending order

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242
papers

4,916
citations

109321

35
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128289

60
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248
all docs

248
docs citations

248
times ranked

1714
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape coexistence and octupole correlations in ^{199}Se . Physical Review C, 2022, 105, .	2.9	15
2	Experimental investigation of high-spin states in ^{199}Zr . Physical Review C, 2022, 105, .	2.9	7
3	Extended triaxial projected shell model approach for odd-neutron nuclei. Physical Review C, 2022, 105, .	2.9	5
4	Experimental evidences of shape co-existence in ^{154}Ho . Nuclear Physics A, 2022, 1027, 122495.	1.5	0
5	Evidence of antimagnetic rotational motion in ^{103}Pd . Physical Review C, 2021, 103, .	2.9	6
6	New lifetime measurement for the 2^+_{11} level in ^{112}Sn by the Doppler-shift attenuation method. Physical Review C, 2021, 103, .	2.9	2
7	Accessing tens-to-hundreds femtoseconds nuclear state lifetimes with low-energy binary heavy-ion reactions. European Physical Journal A, 2021, 57, 1.	2.5	6
8	Enhanced $B(E_2)$ strength observed in ^{137}La . Physical Review C, 2021, 104, .	2.9	3
9	Unraveling the reaction mechanism for large alpha production and incomplete fusion in reactions involving weakly bound stable nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136570.	4.1	11
10	Experimental evidence of exact $E(5)$ symmetry in ^{82}Kr . Physical Review C, 2021, 104, .	2.9	4
11	Investigation of the alignment mechanism and loss of collectivity in ^{135}Pm . Physical Review C, 2021, 103, .	2.9	4
12	Complete set of bound negative-parity states in the neutron-rich nucleus ^{18}N . Physical Review C, 2021, 104, .	2.9	6
13	A note on the parity of 5^+ state in $^{126,128}\text{Xe}$. International Journal of Modern Physics E, 2021, 30, .	1.0	0
14	Collective and noncollective states in ^{66}Zn . Physical Review C, 2021, 104, .	2.9	5
15	Systematic study of near-yrast band structures in odd-mass ^{125}Pr and ^{127}Pm isotopes. Physical Review C, 2021, 104, .	2.9	7
16	Triaxial projected shell model study of γ -bands in atomic nuclei. European Physical Journal A, 2021, 57, 1.	2.5	12
17	Development of a position-sensitive fast scintillator ($\text{LaBr}_3(\text{Ce})$) detector setup for gamma-ray imaging application. EPJ Web of Conferences, 2021, 253, 11005.	0.3	3
18	Evidence of octupole correlation in ^{79}Se . Physical Review C, 2021, 104, .	2.9	5

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19	Possible antimagnetic rotational band in ^{127}Xe . Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 015103.	3.6	5
20	\hat{I}^3 -vibration in ^{126}Xe : A revisit. Nuclear Physics A, 2020, 996, 121687.	1.5	12
21	Multiphonon longitudinal wobbling in ^{127}Xe . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135854.	4.1	27
22	Prompt-delayed \hat{I}^3 -ray spectroscopy of neutron-rich In119,121 isotopes. Physical Review C, 2020, 102, .	2.9	3
23	High-spin states above the isomers in neutron-rich iodine nuclei near $N=82$. Physical Review C, 2020, 102, .	2.9	3
24	High-spin doublet band structures in odd-odd $^{194-200}\text{TI}$ isotopes. European Physical Journal A, 2020, 56, 1.	2.5	4
25	Evidence of antimagnetic rotation in ^{100}Pd . Physical Review C, 2020, 102, .	2.9	12
26	Quasi- \hat{I}^3 band in ^{114}Te . Physical Review C, 2020, 101, .	2.9	3
27	Testing <i>ab initio</i> nuclear structure in neutron-rich nuclei: Lifetime measurements of second 2^+ state in ^{16}C . Physical Review C, 2020, 101, .	2.9	14
28	Nuclear level density of ^{69}Zn from gamma gated particle spectrum and its implication on $^{68}\text{Zn}(n, \hat{I}^3)^{69}\text{Zn}$ capture cross section. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135487.	4.1	6
29	Longitudinal wobbling motion in ^{187}Au . Physical Review Letters, 2020, 124, 052501.	7.8	37
30	Signature splitting in the positive parity bands of ^{127}Xe . European Physical Journal A, 2020, 56, 1.	2.5	4
31	Intermediate structure and dipole bands in the transitional ^{134}Ba nucleus. Physical Review C, 2020, 101, .	2.9	3
32	High spin states of ^{37}Ar . Physical Review C, 2020, 101, .	2.9	4
33	Lifetime measurement and shell model description of negative parity states up to band-termination in ^{49}V . Nuclear Physics A, 2020, 1000, 121785.	1.5	1
34	Structure of the 11^- isomeric state in ^{133}La . Physical Review C, 2020, 101, .	2.9	4
35	Spectroscopy of Neutron-rich Nitrogen Isotopes with AGATA+PARIS+VAMOS. Acta Physica Polonica B, 2020, 51, 709.	0.8	1
36	Revised Lifetime of the $(11/2^-)$ State in ^{45}Sc via Coulomb Excitation. Acta Physica Polonica B, 2020, 51, 829.	0.8	2

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37	Short-range Lifetime Measurements for Deep-inelastic Reaction Products: the (¹⁹ O) Test Case. Acta Physica Polonica B, 2020, 51, 699.	0.8	0
38	Hyperfine field of La impurity in Fe host: Experiment and theory. Hyperfine Interactions, 2019, 240, 1.	0.5	1
39	Evolution of collectivity and evidence of octupole correlations in ^{219}Br . Physical Review C, 2019, 100, .	2.9	19
40	Investigation of a large change in deformation for the $\hat{1}^3$ -soft nucleus $\text{Sm}136$. Physical Review C, 2019, 100, .	2.9	1
41	Measurement of the 21^+ level lifetime in $\text{Sn}120$ by the Doppler shift attenuation method: Evidence of enhanced collectivity. Physical Review C, 2019, 100, .	2.9	1
42	Longitudinal wobbling in ^{133}La . European Physical Journal A, 2019, 55, 1.	2.5	36
43	Evidence of the octupole correlation between the shears bands in ^{142}Eu . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134960.	4.1	2
44	Single particle configurations in ^{219}Ni . Physical Review C, 2019, 99, .	2.9	5
45	Effects of one valence proton on seniority and angular momentum of neutrons in neutron-rich ^{125}Sb . Physical Review C, 2019, 99, .	2.9	13
46	Observation of rotation about the longest principal axis in ^{219}Zr . Physical Review C, 2019, 99, .	2.9	7
47	Two-phonon wobbling in ^{135}Pr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 170-174.	4.1	43
48	γ^3 -vibration in ^{198}Hg . European Physical Journal A, 2019, 55, 1.	2.5	7
49	A compact scintillator based position sensitive detector system for gamma ray tracking applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 930, 100-104.	1.6	3
50	Spectroscopy of a tetrahedral doubly magic candidate nucleus $^{160}\text{Yb}_{90}$. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 055102.	3.6	3
51	Band structures in ^{169}Tm and the structures of Tm isotopes around $N = 98$. European Physical Journal A, 2019, 55, 1.	2.5	0
52	g -factor measurement of the 2738 keV isomer in ^{135}La . Physical Review C, 2019, 99, .	2.9	9
53	Shell-model Description in ^{99}Rh and Systematics of Odd- Z Rh Isotopes. Acta Physica Polonica B, 2019, 50, 159.	0.8	0
54	Investigation of an Intruder Band in ^{45}Sc via Coulomb Excitation. Acta Physica Polonica B, 2019, 50, 411.	0.8	0

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55	Revised level structure of ^{127}Xe . Europhysics Letters, 2018, 121, 42001.	2.0	10
56	Excited negative parity bands in ^{160}Yb . Physica Scripta, 2018, 93, 034001.	2.5	2
57	Single-particle excitations in the level structure of ^{64}Cu . Investigation of complete and incomplete fusion in the $^{64}\text{Li} + ^{64}\text{Cu}$ reaction near Coulomb barrier energies. Physical Review C, 2018, 97, .	2.9	10
58	A Compton suppressed detector multiplicity trigger based digital DAQ for gamma-ray spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 893, 138-145.	1.6	21
59	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
60	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
61	Coexistence of principal and tilted axis rotation in ^{110}Ag . Physical Review C, 2018, 98, .	2.9	4
62	Fusion reaction studies for the $^{6}\text{Li} + ^{124}\text{Sn}$ system at near-barrier energies. Physical Review C, 2018, 98, .	2.9	21
63	Rotational band on a three-quasineutron isomer in ^{127}Xe . Physical Review C, 2018, 97, .	2.9	15
64	Possible onset of multifaceted excitation modes in ^{29}Al . Physical Review C, 2018, 98, .	2.9	2
65	Geometry of magnetic rotational (MR) band-crossing phenomenon in MR bands. Pramana - Journal of Physics, 2018, 91, 1.	1.8	0
66	Deformed band structures at high spin in ^{200}Tl . Physical Review C, 2017, 95, .	2.9	10
67	Magnetic rotation phenomenon in the dipole ($\Delta I = 1, \hat{I} = 1$) bands of transitional strontium (Sr) isotopes near N=50 shell closure. European Physical Journal A, 2017, 53, 1.	2.5	4
68	Identification of levels above 6- isomeric state in ^{66}Cu . European Physical Journal A, 2017, 53, 1.	2.5	3
69	Structure and symmetries of odd-odd triaxial nuclei. European Physical Journal A, 2017, 53, 1.	2.5	9
70	Performance and imaging capabilities of the DEGAS high-resolution $\hat{\gamma}$ -ray detector array for the DESPEC experiment at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 873, 36-38.	1.6	2
71	Return of backbending in ^{169}Tm and the effect of the ^{98}N deformed shell gap. Physical Review C, 2017, 95, .	2.9	6
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73	Publisher's Note: Semi-decoupled band and other high-spin band structures in ^{188}Pt [Phys. Rev. C 96 , 014315 (2017)]. Physical Review C, 2017, 96, .	2.9	0
74	Investigation of large $\hat{L}\pm$ production in reactions involving weakly bound ^{133}Li . Physical Review C, 2017, 96, .	2.9	19
75	Prompt-delayed γ ^{13}I -ray spectroscopy with AGATA, EXOGAM and VAMOS++. European Physical Journal A, 2017, 53, 1.	2.5	23
76	Evidence of antimagnetic rotation in an odd-odd nucleus: The case of ^{142}Eu . Physical Review C, 2017, 96, .	2.9	11
77	High-spin states in ^{133}Cs and the shell model description. Physical Review C, 2017, 95, .	2.9	4
78	Semi-decoupled band and other high-spin band structures in ^{188}Pt . Physical Review C, 2017, 96, .	2.9	1
79	Investigation of antimagnetic rotation in ^{101}Pd . Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 075105.	3.6	16
80	Intrinsic properties of high-spin band structures in triaxial nuclei. Nuclear Physics A, 2017, 968, 48-70.	1.5	17
81	Novel evolution of the positive parity shears band in ^{106}Ag . Physical Review C, 2017, 95, .	2.9	4
82	Two-Neutron Alignment in ^{127}Xe . Brazilian Journal of Physics, 2017, 47, 406-410.	1.4	20
83	Band structures in ^{101}Pd . Physical Review C, 2017, 95, .	2.9	4
84	Shape evolution with increasing angular momentum in the ^{66}Ga nucleus. Physical Review C, 2017, 95, .	2.9	4
85	Evolution of triaxial shapes at large isospin: Rh isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 480-484.	4.1	20
86	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
87	Practicing DSAM in aberrant domain: use of multi-disciplinary techniques. Journal of Physics: Conference Series, 2016, 755, 012004.	0.4	0
88	TDPAD measurements of magnetic hyperfine field for ^{132}Ba in ferromagnetic Ni. Hyperfine Interactions, 2016, 237, 1.	0.5	2
89	Triaxial-band structures, chirality, and magnetic rotation in ^{133}La . Physical Review C, 2016, 94, .	2.9	25
90	Geant4 simulation study of Indian National Gamma Array at TIFR. Journal of Instrumentation, 2016, 11, P03030-P03030.	1.2	10

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91	Structure of ^{80}Te : The two-particle and two-hole spectrum of ^{82}Sn . Physical Review C, 2016, 93, .	2.9	19
92	In-beam spectroscopy of medium- and high-spin states in ^{133}Ce . Physical Review C, 2016, 93, .	2.9	7
93	Triaxiality and exotic rotations at high spins in ^{134}Ce . Physical Review C, 2016, 93, .	2.9	9
94	Three proton hole structure in ^{106}Ag . Physical Review C, 2016, 93, .	2.9	2
95	Shears mechanism and development of collectivity in ^{141}Sm . Physical Review C, 2016, 94, .	2.9	10
96	Structure of dipole bands in doubly odd ^{102}Ag . Physical Review C, 2016, 94, .	2.9	7
97	Polarization measurements and high-spin states in ^{86}Sr . Nuclear Physics A, 2016, 955, 1-15.	1.5	4
98	Unified description of rotational-, \hat{I}^3 -, and quasiparticle-band structures in neutron-rich mass $A \approx 110$ region. Nuclear Physics A, 2016, 947, 127-141.	1.5	18
99	Low-lying states near the $\pi = \{6\}^+$ isomer in ^{108}Ag . Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 015103.	3.6	5
100	\hat{I}^3 -ray spectroscopy of fission fragments produced in ^{208}Pb (O18,f). Physical Review C, 2015, 92, .	2.9	16
101	Negative-parity high-spin states and a possible magnetic rotation band in ^{135}Pr . Physical Review C, 2015, 92, .	2.9	8
102	Spectroscopy of fission fragments using prompt-delayed coincidence technique. Pramana - Journal of Physics, 2015, 85, 395-402.	1.8	5
103	Quasi-Particle Excited Bands in ^{129}Xe . , 2015, . ,		0
104	A new high-spin isomer in ^{195}Bi . European Physical Journal A, 2015, 51, 1.	2.5	7
105	Antimagnetic rotation and sudden change of electric quadrupole transition strength in ^{143}Eu . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 387-391.	4.1	13
106	Role of neutrons in the coexistence of magnetic and antimagnetic rotation bands in ^{107}Cd . Physical Review C, 2015, 91, .	2.9	8
107	High spin spectroscopy and shape evolution in ^{105}Cd . Physical Review C, 2015, 91, .	2.9	3
108	Spectroscopy of the Low-lying States Near the High Spin Isomer in ^{108}Ag . Acta Physica Polonica B, 2015, 46, 703.	0.8	1

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109	Spectroscopy and shell model calculations in Si isotopes. Physical Review C, 2015, 91, .	2.9	6
110	Transverse Wobbling in Pr . Physical Review Letters, 2015, 114, 082501.	7.8	79
111	Microscopic study of doublet bands in odd-odd ^{140}Ni nuclei. Nuclear Physics A, 2015, 933, 123-134.	1.5	10
112	Triaxial projected shell model description of high-spin band-structures in $^{103,105}Rh$ isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 218-222.	4.1	20
113	Band structures in ^{99}Rh . Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 105110.	3.6	8
114	Recent results from digital INGA at BARC-TIFR Pelletron Linac Facility and future plans. Pramana - Journal of Physics, 2014, 83, 719-728.	1.8	5
115	Pulse shape analysis of a two fold clover detector with empirical mode decomposition based algorithm. , 2014, , .		0
116	Nuclear structure studies with INGA coupled to a fast DDAQ. , 2014, , .		0
117	Multiple magnetic rotational bands based on proton alignment in ^{143}Eu . Physical Review C, 2014, 90, .	2.9	15
118	High spin band structure of Sr . Physical Review C, 2014, 90, .	2.9	9
119	Antimagnetic rotation in Pd . Physical Review C, 2014, 89, .	2.9	27
120	High spin spectroscopy in Cl . Physical Review C, 2014, 89, .	2.9	13
121	Band structures in doubly odd Rh . Physical Review C, 2014, 89, .	2.9	8
122	Fusion and quasi-elastic scattering in the Li . Physical Review C, 2014, 89, .		0
123	Au and Ag . Physical Review C, 2014, 89, .	7.8	43
124	Nuclear structure study of Mg following heavy-ion-induced fusion-evaporation reaction. Physical Review C, 2014, 89, .	2.9	12
125	Investigation of the high spin structure of Zr^{88} . Physical Review C, 2014, 89, .	2.9	8
126	EC decay of ^{244}Bk . Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 125103.	3.6	4

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127	Shape coexistence in the near-spherical ^{142}Sm nucleus. <i>Physical Review C</i> , 2014, 89, .	2.9	26
128	Coexisting shape- and high- K isomers in the shape transitional nucleus ^{188}Pt . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 739, 462-467.	4.1	18
129	Collective excitations in ^{33}S . <i>Physical Review</i>	2.9	9
130	Yrast structure of the shell model nucleus ^{89}Nb . <i>Physical Review C</i> , 2014, 90, .	2.9	7
131	Pulse shape analysis of a two fold clover detector with an EMD based new algorithm: A comparison. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 741, 108-116.	1.6	4
132	Investigation of exotic modes of spinning nuclei near ^{90}Zr . <i>Pramana - Journal of Physics</i> , 2014, 82, 649-658.	1.8	7
133	Investigation of doublet-bands in $^{124,126,130,132}\text{Cs}$ odd-odd nuclei using triaxial projected shell model approach. <i>Nuclear Physics A</i> , 2014, 922, 150-162.	1.5	27
134	Study of the level structure of ^{108}Ag . <i>EPJ Web of Conferences</i> , 2014, 66, 02097.	0.3	1
135	Structure of the rebound nucleus ^{13}Be : One-neutron knockout reaction data from ^{14}Be analyzed in a holistic approach. <i>Physical Review C</i> , 2013, 87, .	2.9	34
136	Structure of nearly degenerate dipole bands in ^{108}Ag . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 725, 85-91.	4.1	18
137	Momentum profile analysis in one-neutron knockout from Borromean nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 1309-1313.	4.1	28
138	Non-collective states in ^{122}Te . <i>European Physical Journal A</i> , 2013, 49, 1.	2.5	1
139	Measurement of the Dipole Polarizability of the Unstable Neutron-Rich Nucleus ^{14}Ni . <i>Physics Letters</i> , 2013, 111, 242503.	7.8	155
140	Continuum: Identification and Structure of its Second ^{14}Be State. <i>Physical Review Letters</i> , 2013, 111, 242501.	7.8	13
141	Evolution of octupole collectivity in ^{221}Th . <i>Physical Review C</i> , 2013, 87, .	2.9	21
142	Role of the cluster structure of ^7Li in the dynamics of fragment capture. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 931-936.	4.1	71
143	New spectroscopic informations in $^{98,99}\text{Rh}$ nuclei. , 2013, , .		1
144	Performance of a segmented planar Ge detector and its coupling with the clover HPGe detector. , 2013, , .		0

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145	Evidence for Multiple Chiral Doublet Bands in ^{144}Sm . Physical Review C, 2013, 110, 172504.	7.8	88
146	Complete fusion in $^{144}\text{Sm} + ^{12}\text{C}$ reactions. Physical Review C, 2013, 88, .	2.9	41
147	High spin spectroscopy of ^{144}Sm . Physical Review C, 2013, 88, .	2.9	21
148	High spin spectroscopy of ^{201}Tl . Physical Review C, 2013, 88, .	2.9	9
149	Multiple antimagnetic rotation bands in odd- ^{144}Sm . Physical Review C, 2013, 87, .	2.9	33
150	High spin states in ^{144}Sm . Physical Review C, 2013, 87, .	2.9	5
151	Coulomb excitation of exotic nuclei at the R3B-LAND setup. Journal of Physics: Conference Series, 2013, 420, 012072.	0.4	4
152	Performance of Indian National Gamma Array (INGA) Coupled with a Fast Digital Data Acquisition System for Nuclear Structure Studies. Journal of Physics: Conference Series, 2013, 420, 012159.	0.4	10
153	Dynamics of fragment capture for cluster structures of weakly bound ^7Li . EPJ Web of Conferences, 2013, 63, 02018.	0.3	1
154	Experimental investigation of shell-model excitations of ^{89}Zr up to high spin. Physical Review C, 2012, 86, .	2.9	25
155	High spin spectroscopy of ^{122}I . Physical Review C, 2012, 85, .	2.9	61
156	High-spin spectroscopy of ^{122}I . Physical Review C, 2012, 85, .	2.9	14
157	High spin band structures in doubly odd ^{194}Tl . Physical Review C, 2012, 85, .	2.9	21
158	Small quadrupole deformation for the dipole bands in ^{112}In . Physical Review C, 2012, 85, .	2.9	15
159	Structure of Dipole Bands in ^{112}In : Through Lifetime Measurement. Journal of Physics: Conference Series, 2012, 381, 012061.	0.4	1
160	Neutron recognition in the LAND detector for large neutron multiplicity. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 47-54.	1.6	8
161	A high speed digital data acquisition system for the Indian National Gamma Array at Tata Institute of Fundamental Research. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 680, 90-96.	1.6	105
162	Fusion of ^6Li with ^{152}Sm : Role of projectile breakup versus target deformation. Nuclear Physics A, 2012, 874, 14-31.	1.5	53

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163	Triaxial projected shell model study of chiral rotation in odd-odd nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 250-254.	4.1	48
164	Emergence of principal axis rotation in ^{110}Ag . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 587-593.	4.1	10
165	Isospin-dependent multifragmentation of relativistic projectiles. Physical Review C, 2011, 83, .	2.9	88
166	Systematics of antimagnetic rotation in even-even Cd isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 322-326.	4.1	46
167	Excited states in ^{99}Pd . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 322-326.	2.9	11
168	Fusion of ^6Li with ^{159}Tb . Physical Review C, 2011, 84, .	2.9	74
169	Structural change of the unique-parity $^{\pm}h_{11/2}$ in ^{159}Tb . Physical Review C, 2011, 84, .	2.9	7
170	Investigation Of Exotic Shapes, Correlations And Isomers In Nuclei With Large Compton Suppressed Clover Array. , 2011, , .		16
171	Target dependence in the study of collective modes in stable and exotic Ni nuclei. Journal of Physics: Conference Series, 2010, 202, 012035.	0.4	0
172	Level structures in the ^{49}In nucleus and their microscopic description. European Physical Journal A, 2010, 43, 45.	2.5	7
173	Sub- and above-barrier fusion of loosely bound ^6Li with ^{28}Si . European Physical Journal A, 2010, 44, 403-410.	2.5	29
174	Structure of degenerate dipole bands in ^{106}In and investigation of similar structure in neighbouring odd-odd isotopes. Nuclear Physics A, 2010, 834, 81c-83c.	1.5	5
175	The unbound isotopes $^9,^{10}\text{He}$. Nuclear Physics A, 2010, 842, 15-32.	1.5	64
176	Multi-phonon $\tilde{1}^3$ -vibrational bands in odd-mass nuclei studied by triaxial projected shell model approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 305-308.	4.1	32
177	Lifetime measurement of high spin states in ^{75}Kr . Nuclear Physics A, 2010, 834, 72c-74c.	1.5	9
178	Three-body correlations in the decay of ^{10}He and ^{13}Li . Nuclear Physics A, 2010, 847, 66-88.	1.5	47
179	Evidence of antimagnetic rotation in odd-odd ^{159}Tb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 305-308.	2.9	51
180	Fusion cross-sections for the $^{159}\text{Tb} + ^6\text{Li}$ reaction at ^{124}Sn . Nuclear Physics A, 2010, 834, 72c-74c.	2.9	63

#	ARTICLE	IF	CITATIONS
181	Band structure and shape coexistence in $^{56}135\text{Ba}79$. Physical Review C, 2010, 81, .	2.9	11
182	SHAPE EVOLUTION OF HIGHLY DEFORMED ^{75}Kr AND PROJECTED SHELL MODEL DESCRIPTION. International Journal of Modern Physics E, 2010, 19, 1754-1762.	1.0	3
183	U		

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199	Study of dipole excitations and the single particle structure of neutron rich Ni isotopes. AIP Conference Proceedings, 2008, , .	0.4	0
200	Triaxial projected shell model study of \hat{I}^3 -vibrational bands in even-even Er isotopes. Physical Review C, 2008, 77, .	2.9	57
201	Multiple band structures of ^{131}Cs . Physical Review C, 2008, 78, .	2.9	30
202	Fusion cross sections for ^{13}Li . Physical Review C, 2008, 78, .	2.9	28
203	Nuclear symmetry energy and neutron skins derived from pygmy dipole resonances. Physical Review C, 2007, 76, .	2.9	334
204	Experimental investigation of fusion of $^{7}\text{Li}+^{28}\text{Si}$ above the Coulomb barrier. Physical Review C, 2007, 76, .	2.9	20
205	High spin structure of ^{139}Nd . Physical Review C, 2007, 76, .	2.9	14
206	Estimation of angular distribution of neutron dose using time-of-flight for system at 110MeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 576, 380-388.	1.6	11
207	Dipole response of neutron-rich Sn isotopes. Nuclear Physics A, 2007, 788, 145-152.	1.5	25
208	Gross Properties and Isotopic Phenomena in Spectator Fragmentation. Nuclear Physics A, 2007, 787, 627-632.	1.5	7
209	Coulomb breakup of ^{23}O . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 605, 79-86.	4.1	49
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