

Ajay Deo

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

522
citations

687363

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642732

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34
all docs

34
docs citations

34
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	Clarifying the structure of low-lying states in ^{72}Br . Physical Review C, 2022, 105, .	2.9	0
2	Evolution of nuclear structure through isomerism in ^{216}Fr . Physical Review C, 2022, 105, .	2.9	2
3	Level structure in the transitional nucleus ^{215}Fr . Physical Review C, 2022, 105, .	2.9	5
4	Antimagnetic rotation and role of gradual neutron alignment in ^{103}Pd . European Physical Journal A, 2021, 57, 1.	2.5	0
5	Metastable states from multinucleon excitations in ^{202}Tl and ^{202}Pb . New spectroscopic information on ^{202}Tl . Physical Review C, 2020, 102, .	2.9	9
6	^{211}Tl and ^{213}Tl : A changing structure beyond the parity doublet structures in doubly-odd ^{216}Fr . Physical Review C, 2018, 97, .	2.9	9
7	High-spin states in ^{133}Cs and the shell model description. Physical Review C, 2017, 95, .	2.9	4
9	Decay of the $N=126$, ^{213}Fr nucleus. Physical Review C, 2016, 94, .	2.9	2
10	^{146}Ba and the role of nonaxial shapes at octupole transitions in the ^{208}Pb region. Journal of Physics: Conference Series, 2015, 580, 012010.	2.9	13
11	Increased isomeric lifetime of hydrogen-like ^{192}Os . Physical Review C, 2015, 91, .	2.9	12
12	Study of ^{207}Tl Produced in Deep-Inelastic Reactions. EPJ Web of Conferences, 2014, 66, 02110.	0.3	1
14	^{126}I -decay studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	2.9	32
15	Isomeric decay spectroscopy of the ^{217}Bi isotope. Physical Review C, 2014, 88, .	2.9	8
16	Evolution of octupole collectivity in ^{221}Th . Physical Review C, 2013, 87, .	2.9	21
17	Schottky mass measurements of heavy neutron-rich nuclides in the element range ^{70}Z to ^{112}In the GSI Experimental Storage Ring. Physical Review C, 2013, 88, .	2.9	32
18	Small quadrupole deformation for the dipole bands in ^{112}In . Physical Review C, 2012, 85, .	2.9	15

#	ARTICLE	IF	CITATIONS
19	Multiple I^{π} decaying states in ^{194}Re : Shape evolution in neutron-rich osmium isotopes. Physical Review C, 2012, 85, .	2.9	21
20	New Isomers in the Full Seniority Scheme of Neutron-Rich Lead Isotopes: The Role of Effective Three-Body Forces. Physical Review Letters, 2012, 109, 162502.	7.8	56
21	Structure of Dipole Bands in ^{112}In : Through Lifetime Measurement. Journal of Physics: Conference Series, 2012, 381, 012061.	0.4	1
22	Electromagnetic properties of vibrational bands in ^{170}Er . European Physical Journal A, 2011, 47, 1.	2.5	7
23	Structural change of the unique-parity I^{π} in ^{112}In . Physical Review C, 2011, 84, .	2.9	7
24	Level structures in the ^{49}In nucleus and their microscopic description. European Physical Journal A, 2010, 43, 45.	2.5	7
25	Discovery of Highly Excited Long-Lived Isomers in Neutron-Rich Hafnium and Tantalum Isotopes through Direct Mass Measurements. Physical Review Letters, 2010, 105, 172501.	7.8	68
26	Structures of ^{201}Po and ^{205}Rn from EC/β^+ -decay studies. Physical Review C, 2010, 81, .	2.9	10
27	Structure of dipole bands in ^{106}In . Physical Review C, 2009, 79, .	2.9	17
28	Nuclear structure of ^{208}Pb : Isomeric states in ^{208}Hg . Physical Review C, 2009, 80, .	2.9	31
29	Experimental study of nuclei in the vicinity of the "island of inversion" through the fusion-evaporation reaction. Physical Review C, 2009, 80, .	2.9	36
30	Structure of ^{126}N nuclei produced in fragmentation of ^{238}U . , 2009, , .		1
31	Multiple band structures of ^{131}Cs . Physical Review C, 2008, 78, .	2.9	30
32	High spin structure of ^{139}Nd . Physical Review C, 2007, 76, .	2.9	14
33	Systematics of the shears mechanism in silver isotopes. Physical Review C, 2006, 73, .	2.9	23
34	Lifetime measurements in ^{112}Sb . Physical Review C, 2005, 71, .	2.9	10