

Ajay Deo

List of Publications by Year in descending order

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545
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Schottky mass measurements of heavy neutron-rich nuclides in the element range $Z > 70$ at the GSI Experimental Storage Ring. Physical Review C, 2013, 88, .	2.9	32
5	Studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	2.9	32
6	Isomeric states in ^{208}Pb and ^{208}Hg . Physical Review C, 2008, 78, .	2.9	31
7	Multiple band structures of ^{131}Cs . Physical Review C, 2008, 78, .	2.9	30
8	Systematics of the shears mechanism in silver isotopes. Physical Review C, 2006, 73, .	2.9	23
9	Multiple β^+ decaying states in ^{194}Re : Shape evolution in neutron-rich osmium isotopes. Physical Review C, 2012, 85, .	2.9	21
10	Evolution of octupole collectivity in ^{221}Th . Physical Review C, 2013, 87, .	2.9	21
11	Structure of dipole bands in ^{106}In . Physical Review C, 2009, 79, .	2.9	17
12	Small quadrupole deformation for the dipole bands in ^{112}In . Physical Review C, 2012, 85, .	2.9	15
13	High spin structure of ^{139}Nd . Physical Review C, 2007, 76, .	2.9	14
14	Structure of ^{146}Ba and the role of increased isomeric lifetime of hydrogen-like ^{146}Os . Physical Review C, 2015, 91, .	2.9	13
15	Lifetime measurements in ^{112}Sb . Physical Review C, 2005, 71, .	2.9	12
16	Structures of ^{201}Po and ^{205}Rn from $E\beta^+$ -decay studies. Physical Review C, 2010, 81, .	2.9	10
17	Octupole transitions in the ^{208}Pb region. Journal of Physics: Conference Series, 2015, 580, 012010.	0.4	9

#	ARTICLE	IF	CITATIONS
19	Parity doublet structures in doubly-odd ${}^{216}\text{Fr}$. Physical Review C, 2018, 97, .	2.9	9
20	A changing structure beyond the ${}^{211}\text{Tl}$ isomer. Physical Review C, 2020, 102, .	2.9	9
21	Isomeric decay spectroscopy of the ${}^{203}\text{Pb}$. Physical Review C, 2020, 102, .	2.9	9
22	Isomeric decay spectroscopy of the ${}^{217}\text{Bi}$ isotope. Physical Review C, 2014, 90, .	2.9	8
23	Level structures in the ${}^{107}\text{In}$ nucleus and their microscopic description. European Physical Journal A, 2010, 43, 45.	2.5	7
24	Electromagnetic properties of vibrational bands in ${}^{170}\text{Er}$. European Physical Journal A, 2011, 47, 1.	2.5	7
25	Structural change of the unique-parity ${}^{111}\text{In}$ in the transitional nucleus ${}^{111}\text{In}$. Physical Review C, 2011, 84, .	2.9	7
26	High-spin states in ${}^{133}\text{Cs}$ and the shell model description. Physical Review C, 2017, 95, .	2.9	4
27	Decay of the ${}^{126}\text{Fr}$ nucleus. Physical Review C, 2016, 94, .	2.9	2
28	Evolution of nuclear structure through isomerism in ${}^{216}\text{Fr}$. Physical Review C, 2022, 105, .	2.9	2
29	Structure of ${}^{126}\text{N}$ nuclei produced in fragmentation of ${}^{238}\text{U}$. , , .		1
30	Structure of Dipole Bands in ${}^{112}\text{In}$: Through Lifetime Measurement. Journal of Physics: Conference Series, 2012, 381, 012061.	0.4	1
31	Study of ${}^{207}\text{Tl}$ Produced in Deep-Inelastic Reactions. EPJ Web of Conferences, 2014, 66, 02110.	0.3	1
32	Antimagnetic rotation and role of gradual neutron alignment in ${}^{103}\text{Pd}$. European Physical Journal A, 2021, 57, 1.	2.5	0
33	Clarifying the structure of low-lying states in ${}^{72}\text{Br}$. Physical Review C, 2022, 105, .	2.9	0
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