

Sujit K Tandel

List of Publications by Year in descending order

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45
papers

762
citations

623734

14
h-index

526287

27
g-index

45
all docs

45
docs citations

45
times ranked

497
citing authors

#	ARTICLE	IF	CITATIONS
1	Klsomers inNo254: Probing Single-Particle Energies and Pairing Strengths in the Heaviest Nuclei. Physical Review Letters, 2006, 97, 082502.	7.8	104
2	Transverse Wobbling in Pr . Physical Review Letters, 2015, 114, 082501.	7.8	79
3	Wobbling mode in Ta . Physical Review C, 2009, 80, .	2.9	77
4	High-Kstructure in Fm and the deformed shell gaps at $N=152$ and $Z=100$. Physical Review C, 2008, 78, .	2.9	65
5	$K^{\pi}=8^{-}$ isomers and $K^{\pi}=2^{-}$ octupole vibrations in $N=150$ shell-stabilized isotones. Physical Review C, 2008, 78, .	2.9	47
6	Structure of two-, four-, and six-quasiparticle isomers in Yb and K -forbidden decays. Physical Review C, 2005, 71, .	2.9	41
7	Anomalous Isomeric Decays in Lu as a Probe of K Mixing and Interactions in Deformed Nuclei. Physical Review Letters, 2006, 97, 122501.	7.8	39
8	Rotational bands in odd- ACm and Cf isotopes: Exploring the highest neutron orbitals. Physical Review C, 2010, 82, .	2.9	30
9	Search for a 2-quasiparticle high- K isomer in Rf . Physical Review C, 2011, 83, .	2.9	28
10	High-Kisomers and rotational structures in W . Physical Review C, 2006, 73, .	2.9	27
11	Collective rotation and vibration in neutron-rich Hf nuclei. Physical Review C, 2007, 75, .	2.9	23
12	Evolution of octupole collectivity in ^{221}Th . Physical Review C, 2013, 87, .	2.9	21
13	Structure of ^{80}Sn : The two-particle and two-hole spectrum of ^{82}Sn . Physical Review C, 2016, 93, .	2.9	19
14	Collective Oblate Rotation at High Spins in Neutron-Rich Hf . Physical Review Letters, 2008, 101, 182503.	7.8	16
15	Search for strongly deformed structures and observation of multiple nucleon alignments in W . Physical Review Letters, 2015, 114, 082501.	2.9	13
16	Rotation-aligned isomer and oblate collectivity in Pt . Physical Review C, 2015, 92, .	2.9	11
17	Alignment, collectivity, and signature inversion in odd-odd Ta . A comprehensive high-spin study. Physical Review C, 2010, 81, .	2.9	9
18	High spin spectroscopy and shape coexistence in As . Physical Review C, 2015, 92, .	2.9	9

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19	Parity doublet structures in doubly-odd Fr isomers from intrinsic excitations in Fr . Physical Review C, 2018, 97, .	2.9	9
20	Band crossings in Pb and Pb configurations and decay hindrances of high- K states in Pb . Physical Review C, 2016, 94, .	2.9	9
21	Band crossings in Pb and Pb configurations and decay hindrances of high- K states in Pb . Physical Review C, 2020, 102, .	2.9	9
22	Role of neutrons in the coexistence of magnetic and antimagnetic rotation bands in Cd . Physical Review C, 2015, 91, .	2.9	8
23	Observation of a \hat{I}^3 band based on a two-quasiparticle configuration in Ge . Physical Review C, 2016, 93, .	2.9	8
24	Multi-quasiparticle isomers in Lu174 . Physical Review C, 2009, 80, .	2.9	6
25	Band crossings in Ta . Physical Review C, 2010, 82, .	2.9	6
26	Configurations and decay hindrances of high- K states in Hf . Physical Review C, 2016, 94, .	2.9	6
27	Population and decay of a \hat{K}^{\wedge} isomer in Pu . Physical Review C, 2016, 94, .	2.9	5
28	Population and decay of a \hat{K}^{\wedge} isomer in Pu . Physical Review C, 2016, 94, .	2.9	5
29	K isomers in Cm . Physical Review C, 2016, 94, .	2.9	5
30	Level structure in the transitional nucleus Fr . Physical Review C, 2022, 105, .	2.9	5
31	Isomers in Pb and core excitations built on a five-nucleon-hole structure. Physical Review C, 2022, 105, .	2.9	4
32	Decoupled and semi-decoupled bands in Hg197 and Hg199 . Physical Review C, 2019, 100, .	2.9	3
33	Structure of odd- A Pt isotopes along the line of stability. Physical Review C, 2019, 100, .	2.9	3
34	Toxic and carcinogenic constituents of jewelry in the Indian retail market determined using X -ray fluorescence. X-Ray Spectrometry, 2022, 51, 2-14.	1.4	3
35	Spectroscopy of Neutron-rich Pu Nuclei. AIP Conference Proceedings, 2011, , .	0.4	2
36	K isomers as probes of nuclear structure. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
37	Nanosecond isomers and the evolution of collectivity in stable, even- A Hg isotopes. Physical Review C, 2021, 103, .	2.9	2
38	Evolution of nuclear structure through isomerism in ^{216}Fr . Physical Review C, 2022, 105, .	2.9	2
39	Competing Shapes And Alignments In Neutron-Rich Hf Nuclei. AIP Conference Proceedings, 2008, , .	0.4	1
40	Semi-decoupled band and other high-spin band structures in ^{188}Pt . Physical Review C, 2017, 96, .	2.9	1
41	Structure Of Multi-Quasiparticle Isomers In The Region Of ^{177}Lu . AIP Conference Proceedings, 2005, , .	0.4	0
42	Spectroscopy of Very Heavy Elements. AIP Conference Proceedings, 2008, , .	0.4	0
43	SPECTROSCOPY OF K ISOMERS IN SHELL-STABILIZED TRANS-FERMIUM NUCLEI. , 2008, , .		0
44	Spectroscopy of heavy fissionable nuclei. Pramana - Journal of Physics, 2015, 85, 385-394.	1.8	0
45	Antimagnetic rotation and role of gradual neutron alignment in ^{103}Pd . European Physical Journal A, 2021, 57, 1.	2.5	0