

Sujit K Tandel

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

762
citations

623734

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526287

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docs citations

45
times ranked

497
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 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 | Isomers in ^{203}Tl and core excitations built on a five-nucleon-hole structure. Physical Review C, 2022, 105, . | 2.9 | 4 |
| 5 | Antimagnetic rotation and role of gradual neutron alignment in ^{103}Pd . European Physical Journal A, 2021, 57, 1. | 2.5 | 0 |
| 6 | Nanosecond isomers and the evolution of collectivity in stable, even- $^{\text{A}}\text{Hg}$ isotopes. Physical Review C, 2021, 103, . | 2.9 | 2 |
| 7 | ^{202}Tl and ^{203}Pb . Physical Review C, 2020, 102, . | 2.9 | 9 |
| 8 | Decoupled and semi-decoupled bands in ^{197}Hg and ^{199}Hg . Physical Review C, 2019, 100, . | 2.9 | 3 |
| 9 | Structure of odd- $^{\text{A}}\text{Pt}$ isotopes along the line of stability. Physical Review C, 2019, 100, . | 2.9 | 3 |
| 10 | ^{200}Tl and ^{203}Pb . Physical Review C, 2019, 100, . | 2.9 | 9 |
| 11 | ^{202}K isomers in ^{202}Cm . Physical Review C, 2019, 100, . | 2.9 | 5 |
| 12 | Parity doublet structures in doubly-odd ^{248}Fr . Physical Review C, 2018, 97, . | 2.9 | 9 |
| 13 | Semi-decoupled band and other high-spin band structures in ^{188}Pt . Physical Review C, 2017, 96, . | 2.9 | 1 |
| 14 | Configurations and decay hindrances of high- $^{\text{K}}$ states in ^{160}Hf . Physical Review C, 2016, 94, . | 2.9 | 6 |
| 15 | Population and decay of a ^{160}Pu isomer in ^{160}Pu . Physical Review C, 2016, 94, . | 2.9 | 5 |
| 16 | Observation of a ^{170}Ge band based on a two-quasiparticle configuration in ^{170}Ge . Physical Review C, 2016, 93, . | 2.9 | 8 |
| 17 | Structure of $^{8052132}\text{Te}$: The two-particle and two-hole spectrum of $^{8250132}\text{Sn}$. Physical Review C, 2016, 93, . | 2.9 | 19 |
| 18 | Rotation-aligned isomer and oblate collectivity in ^{196}Pt . Physical Review C, 2015, 92, . | 2.9 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | High spin spectroscopy and shape coexistence in As73. Physical Review C, 2015, 92, . | 2.9 | 9 |
| 20 | Role of neutrons in the coexistence of magnetic and antimagnetic rotation bands in ^{107}Cd . Physical Review C, 2015, 92, . | 2.9 | 8 |
| 21 | Reverse wobbling in ^{135}Pr . Physical Review Letters, 2015, 114, 082501. | 7.8 | 79 |
| 22 | Spectroscopy of heavy fissionable nuclei. Pramana - Journal of Physics, 2015, 85, 385-394. | 1.8 | 0 |
| 23 | K isomers as probes of nuclear structure. , 2014, , . | | 2 |
| 24 | Evolution of octupole collectivity in ^{221}Th . Physical Review C, 2013, 87, . | 2.9 | 21 |
| 25 | Search for a 2-quasiparticle high-K isomer in ^{256}Rf . Physical Review C, 2011, 83, . | 2.9 | 28 |
| 26 | Spectroscopy of Neutron-rich Pu Nuclei. AIP Conference Proceedings, 2011, , . | 0.4 | 2 |
| 27 | Band crossings in ^{166}Ta . Physical Review C, 2010, 82, . | 2.9 | 6 |
| 28 | Alignments, additivity, and signature inversion in odd-odd ^{170}Ta . Physical Review C, 2010, 81, . | 2.9 | 9 |
| 29 | Rotational bands in the odd-odd nucleus ^{44}Lu . Physical Review C, 2010, 82, . | 2.9 | 5 |
| 30 | Rotational bands in odd-ACm and Cf isotopes: Exploring the highest neutron orbitals. Physical Review C, 2010, 82, . | 2.9 | 30 |
| 31 | Wobbling mode in ^{167}Ta . Physical Review C, 2009, 80, . | 2.9 | 77 |
| 32 | Multi-quasiparticle isomers in ^{174}Lu . Physical Review C, 2009, 80, . | 2.9 | 6 |
| 33 | High-K structure in ^{250}Fm and the deformed shell gaps at $N=152$ and $Z=100$. Physical Review C, 2008, 78, . | 2.9 | 65 |
| 34 | Spectroscopy of Very Heavy Elements. AIP Conference Proceedings, 2008, , . | 0.4 | 0 |
| 35 | Competing Shapes And Alignments In Neutron-Rich Hf Nuclei. AIP Conference Proceedings, 2008, , . | 0.4 | 1 |
| 36 | $8\alpha^-$ isomers and $2\alpha^-$ octupole vibrations in $N=150$ shell-stabilized isotones. Physical Review C, 2008, 78, . | 2.9 | 47 |

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|----|--|-----|-----------|
| 37 | Collective Oblate Rotation at High Spins in Neutron-Rich Hf180. Physical Review Letters, 2008, 101, 182503. | 7.8 | 16 |
| 38 | Search for strongly deformed structures and observation of multiple nucleon alignments in ^{174}W . Physical Review C, 2008, 77, . | 2.9 | 13 |
| 39 | SPECTROSCOPY OF K ISOMERS IN SHELL-STABILIZED TRANS-FERMIUM NUCLEI. , 2008, , . | | 0 |
| 40 | Collective rotation and vibration in neutron-rich Hf180, 182 nuclei. Physical Review C, 2007, 75, . | 2.9 | 23 |
| 41 | K isomers in ^{254}No : Probing Single-Particle Energies and Pairing Strengths in the Heaviest Nuclei. Physical Review Letters, 2006, 97, 082502. | 7.8 | 104 |
| 42 | Anomalous Isomeric Decays in ^{174}Lu as a Probe of K Mixing and Interactions in Deformed Nuclei. Physical Review Letters, 2006, 97, 122501. | 7.8 | 39 |
| 43 | High-K isomers and rotational structures in ^{174}W . Physical Review C, 2006, 73, . | 2.9 | 27 |
| 44 | Structure Of Multi-Quasiparticle Isomers In The Region Of ^{177}Lu . AIP Conference Proceedings, 2005, , . | 0.4 | 0 |
| 45 | Structure of two-, four-, and six-quasiparticle isomers in ^{174}Yb and K-forbidden decays. Physical Review C, 2005, 71, . | 2.9 | 41 |