

Surja K Ghorui

List of Publications by Year in descending order

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21
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301
citing authors

#	ARTICLE	IF	CITATIONS
1	Quadrupole coherence enhancement in ^{46}Ti : Mixing of $f_{7/2}$ and $p_{3/2}$ orbital. Nuclear Physics A, 2021, 1006, 122116.	1.5	0
2	Astromers: Nuclear Isomers in Astrophysics. Astrophysical Journal, Supplement Series, 2021, 252, 2. Analysis of low lying states, neutron-core excitations, and electromagnetic transitions in tellurium isotopes ^{130}Te and ^{134}Te Physical Review C, 2020, 102, .	7.7	29
3	Large mirror asymmetry in Gamow-Teller \hat{I}^2 -decay in the $A=26$ isobaric multiplet. Nuclear Physics A, 2019, 986, 107-115.	2.9	6
4	Shell-model method for Gamow-Teller transitions in heavy deformed odd-mass nuclei. Physical Review C, 2018, 97, .	1.5	5
5	Systematic study of high-K isomers in the midshell Gd and Dy nuclei. European Physical Journal A, 2018, 54, 1. Effective stellar \hat{I}^2 -decay rates of nuclei with long-lived isomers: ^{131}Al and ^{131}Sb Physical Review C, 2016, 93, .	2.9	2
6	Large-scale shell-model study for excitations across the neutron shell gap in ^{131}Sb and ^{131}In. Physical Review C, 2016, 93, .	2.9	12
7	Isospin-symmetry breaking in superallowed Fermi \hat{I}^2 -decay due to isospin-nonconserving forces. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 521-526.	2.9	14
8	Systematic study of multi-quasiparticle K^π-isomeric bands in tungsten isotopes by the extended projected shell model. Physical Review C, 2017, 95, .	4.1	13
9	Systematical study of high-spin rotational bands in neutron-deficient Kr isotopes by the extended projected shell model. Nuclear Physics A, 2017, 957, 208-229.	2.9	10
10	Bands and Isomers in Neutron-Rich Rare-Earth Nuclei in PHF Model. , 2017, , .	1.5	7
11	Reduction of collectivity at very high spins in ^{134}Nd: Expanding the projected-shell-model basis up to 10-quasiparticle states. Physical Review C, 2016, 93, .	2.9	23
12	Projected shell model for Gamow-Teller transitions in heavy, deformed nuclei. EPJ Web of Conferences, 2016, 109, 05001.	0.3	0
13	Preliminary study of feasibility of an experiment looking for excited state double beta transitions in tin. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 797, 130-137.	1.6	6
14	Energy spectra and electromagnetic transition rates of ^{160}Gd , ^{162}Gd , ^{164}Gd in the projected Hartree-Fock model. , 2014, , .		1
15	Deformed configurations, band structures and spectroscopic properties of $N = 50$ Ge and Se nuclei. Pramana - Journal of Physics, 2014, 82, 659-669.	1.8	0
16	New spectroscopic informations in $^{98,99}\text{Rh}$ nuclei. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	DEFORMED STRUCTURE OF N = 50 Ge NUCLEUS. , 2013, , .		0
20	Examining the stability of Sm nuclei around N=100. Physical Review C, 2012, 85, .	2.9	20
21	ROTATIONAL BANDS AND ELECTROMAGNETIC TRANSITIONS OF SOME EVEN-EVEN NEODYMIUM NUCLEI IN PROJECTED HARTREE-FOCK MODEL. International Journal of Modern Physics E, 2012, 21, 1250070.	1.0	3