

Surja K Ghorui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8402361/publications.pdf>

Version: 2024-02-01

21
papers

172
citations

1163117

8
h-index

1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Astromers: Nuclear Isomers in Astrophysics. Astrophysical Journal, Supplement Series, 2021, 252, 2.	7.7	29
2	Reduction of collectivity at very high spins in ^{134}Nd . Physical Review C, 2016, 93, .	2.9	23
3	Examining the stability of Sm nuclei around $N=100$. Physical Review C, 2012, 85, .	2.9	20
4	Shell-model method for Gamow-Teller transitions in heavy deformed odd-mass nuclei. Physical Review C, 2018, 97, .	2.9	20
5	Large-scale shell-model study for excitations across the neutron shell gap in ^{82}Sr . Physical Review C, 2017, 95, .	2.9	14
6	Isospin-symmetry breaking in superallowed Fermi β^+ -decay due to isospin-nonconserving forces. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 521-526.	4.1	13
7	Effective stellar β^+ -decay rates of nuclei with long-lived isomers: ^{26}Al . Physical Review C, 2017, 95, .	2.9	12
8	Systematic study of multi-quasiparticle ^{134}K -isomeric bands in tungsten isotopes by the extended projected shell model. Physical Review C, 2017, 95, .	2.9	10
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.	1.5	7
10	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
11	Large mirror asymmetry in Gamow-Teller β^+ -decay in the ^{134}Te isobaric multiplet. Nuclear Physics A, 2019, 986, 107-115.	2.9	6
12	Large mirror asymmetry in Gamow-Teller β^+ -decay in the ^{134}Te isobaric multiplet. Nuclear Physics A, 2019, 986, 107-115.	1.5	5
13	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
14	Systematic study of high-K isomers in the midshell Gd and Dy nuclei. European Physical Journal A, 2018, 54, 1.	2.5	2
15	New spectroscopic informations in $^{98,99}\text{Rh}$ nuclei. , 2013, , .		1
16	Energy spectra and electromagnetic transition rates of $^{160,162,164}\text{Gd}$ in the projected Hartree-Fock model. , 2014, , .		1
17	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
18	Projected shell model for Gamow-Teller transitions in heavy, deformed nuclei. EPJ Web of Conferences, 2016, 109, 05001.	0.3	0

#	ARTICLE	IF	CITATIONS
19	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
20	DEFORMED STRUCTURE OF $N = 50$ Ge NUCLEUS. , 2013, , .		0
21	Bands and Isomers in Neutron-Rich Rare-Earth Nuclei in PHF Model. , 2017, , .		0