

Irene Dedes

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

106
citations

1478505

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1372567

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18
all docs

18
docs citations

18
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Isomer studies in the vicinity of the doubly-magic nucleus 100Sn : Observation of a new low-lying isomeric state in 97Ag . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135200.	4.1	20
2	Spectroscopic criteria for identification of nuclear tetrahedral and octahedral symmetries: Illustration on a rare earth nucleus. Physical Review C, 2018, 97, .	2.9	18
3	Mass Measurements of Neutron-Deficient Yb Isotopes and Nuclear Structure at the Extreme Proton-Rich Side of the $N=82$ Shell. Physical Review Letters, 2021, 127, 112501.	7.8	18
4	Exotic toroidal and superdeformed configurations in light atomic nuclei: Predictions using a mean-field Hamiltonian without parametric correlations. Physical Review C, 2021, 103, .	2.9	13
5	Exotic shape symmetries around the fourfold octupole magic number $N=136$: Formulation of experimental identification criteria. Physical Review C, 2022, 105, .	2.9	13
6	Propagation of the nuclear mean-field uncertainties with increasing distance from the parameter adjustment zone: Applications to superheavy nuclei. Physical Review C, 2019, 99, .	2.9	7
7	Predictive power of theoretical modelling of the nuclear mean field: examples of improving predictive capacities. Physica Scripta, 2018, 93, 044003.	2.5	6
8	Mapping the island of inversion: Precision mass measurements of neutron-rich Fe isotopes. Physical Review C, 2022, 105, .	2.9	5
9	Spectroscopy of a tetrahedral doubly magic candidate nucleus ${}_{70}^{160}\text{Yb}_{90}$. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 055102.	3.6	3
10	Excited negative parity bands in 160Yb . Physica Scripta, 2018, 93, 034001.	2.5	2
11	Narrowing the Confidence Intervals in Nuclear Structure Predictions Through Elimination of Parametric Correlations. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 51.	0.1	2
12	High-rank Symmetries in Nuclei: Challenges for Prediction Capacities of the Nuclear Mean-field Theories. Acta Physica Polonica B, 2019, 50, 685.	0.8	1
13	Systematic Search For Evidence of Tetrahedral and Octahedral Symmetries in Subatomic Physics: Follow-up of the First Identification Case in 152Sm . EPJ Web of Conferences, 2019, 223, 01014.	0.3	0
14	Shortening the Way to Experimental Evidence for High-rank Symmetries in Atomic Nuclei: Researcher Instructions. Acta Physica Polonica B, Proceedings Supplement, 2019, 12, 569.	0.1	0
15	About Competition Between Tetrahedral and Octahedral Symmetries in Atomic Nuclei. Acta Physica Polonica B, Proceedings Supplement, 2019, 12, 557.	0.1	0
16	Nuclear High-rank Symmetries: From the Early Theory Predictions via TetraNuc Collaboration to the Final Experimental Discovery. Acta Physica Polonica B, Proceedings Supplement, 2020, 13, 419.	0.1	0
17	Exotic Symmetry Effects in Light ($Z=N$) Nuclei near $({}^{80}\text{Zr})$. Acta Physica Polonica B, Proceedings Supplement, 2020, 13, 397.	0.1	0