

Ioana Gheorghe

List of Publications by Year in descending order

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14
papers

460
citations

840776

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1058476

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all docs

14
docs citations

14
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414
citing authors

#	ARTICLE	IF	CITATIONS
1	ELIGANT-GN " ELI Gamma Above Neutron Threshold: The Gamma-Neutron setup. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1027, 166171.	1.6	11
2	New evidence for alpha clustering structure in the ground state band of ^{212}Po . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136624.	4.1	5
3	Updated neutron-multiplicity sorting method for producing photoneutron average energies and resolving multiple firing events. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1019, 165867.	1.6	9
4	IAEA Photonuclear Data Library 2019. Nuclear Data Sheets, 2020, 163, 109-162.	2.2	85
5	Simulation of the ELIGANT-GN array performances at ELI-NP for gamma beam energies larger than neutron threshold. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1019, 165867.	1.6	19
6	Response function and linearity for high energy γ -rays in large volume LaBr ₃ detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 896, 103-107.	1.6	20
7	Verification of detailed balance for γ -absorption and emission in Dy isotopes. Physical Review C, 2018, 98, .	2.9	40
8	Photon-flux determination by the Poisson-fitting technique with quenching corrections. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 896, 103-107.	1.6	16
9	Photoneutron cross-section measurements in the ^{209}Bi (γ ,n) ^{208}Tl reaction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 871, 135-141.	1.6	38
10	Direct neutron-multiplicity sorting with a flat-efficiency detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 871, 135-141.	1.6	38
11	The ROSPHERE γ -ray spectroscopy array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 837, 1-10.	1.6	48
12	Perspectives for photonuclear research at the Extreme Light Infrastructure - Nuclear Physics (ELI-NP) facility. European Physical Journal A, 2015, 51, 1.	2.5	56
13	Photoneutron cross sections for samarium isotopes: Toward a unified understanding of γ -induced reactions in the rare earth region. Physical Review C, 2014, 90, .	2.9	44
14	Energy Calibration of the NewSUBARU Storage Ring for Laser Compton-Scattering Gamma Rays and Applications. IEEE Transactions on Nuclear Science, 2014, 61, 1252-1258.	2.0	38