

Olivier Delaune

List of Publications by Year in descending order

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docs citations

39
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518
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudospin-doublet bands and Gallagher Moszkowski doublet bands in ^{100}Y . Physical Review C, 2021, 103, .	2.9	3
2	^{239}Pu cross section measurement 6 months of radioxenon detection in western Europe with the SPALAX-New generation system - Part1: Metrological capabilities. Journal of Environmental Radioactivity, 2020, 225, 106442.	2.9	1
3	The Mobile Analyzer of Radioactive Gases Outflows (MARGOT): A promising environmental xenon radionuclides detection system. Applied Radiation and Isotopes, 2019, 153, 108820.	1.7	23
4	Introducing the MARGOT prototype: An ultra-compact and mobile gas detection system for nuclear explosion monitoring. Applied Radiation and Isotopes, 2019, 152, 91-100.	1.5	1
5	Network Time Synchronization of the Readout Electronics for a New Radioactive Gas Detection System. IEEE Transactions on Nuclear Science, 2019, 66, 1182-1189.	1.5	1
6	Insight into excitation energy and structure effects in fission from isotopic information in fission yields. Physical Review C, 2019, 99, .	2.0	4
7	Fission fragment yields from heavy-ion-induced reactions measured with a fragment separator. European Physical Journal A, 2018, 54, 1.	2.9	18
8	Lifetimes of excited states in triaxially deformed ^{107}Tc and $^{109,111,113}\text{Rh}$. European Physical Journal A, 2018, 54, 1.	2.5	2
9	SPALAX NG: A breakthrough in radioxenon field measurement. Applied Radiation and Isotopes, 2018, 134, 461-465.	2.5	9
10	Low-level laboratory measurement of xenon radionuclides: Electron-photon versus photon measurements. Applied Radiation and Isotopes, 2018, 134, 450-454.	1.5	25
11	Evidence for Coexisting Shapes through Lifetime Measurements in ^{98}Zr . Physical Review Letters, 2018, 121, 192501.	1.5	3
12	Deformed band structures in neutron-rich ^{152}Pm 158 isotopes. Physical Review C, 2018, 98, .	7.8	34
13	Isotopic fission-fragment distributions of ^{238}U . Physical Review C, 2018, 98, .	2.9	9
14	Evolution of nuclear shapes in odd-mass yttrium and niobium isotopes from lifetime measurements following fission reactions. Physical Review C, 2017, 95, .	2.9	38
15	Evolution of nuclear shapes in odd-mass yttrium and niobium isotopes from lifetime measurements following fission reactions. Physical Review C, 2017, 95, .	2.9	17
16	Ground surface ultralow background spectrometer: Active shielding improvements and coincidence measurements for the Gamma 3 spectrometer. Applied Radiation and Isotopes, 2017, 126, 197-200.	1.5	4
17	Evolution of triaxial shapes at large isospin: Rh isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 480-484.	4.1	20
18	Excitation-energy influence at the scission configuration. EPJ Web of Conferences, 2017, 146, 04019.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Dependence of Fission-Fragment Properties On Excitation Energy For Neutron-Rich Actinides. EPJ Web of Conferences, 2016, 111, 10001.	0.3	5
20	Structural changes at large angular momentum in neutron-rich Cd Physical Review C, 2016, 93, .	2.9	9
21	Structure of $\text{Te}^{80}\text{Sn}^{132}$: The two-particle and two-hole spectrum of $\text{Sn}^{82}\text{Te}^{132}$. Physical Review C, 2016, 93, .	2.9	19
22	Electromagnetic properties of neutron-rich nuclei adjacent to the $Z = 50$ shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 86-90.	4.1	22
23	Lifetime Measurements of Excited States in Neutron-rich Fission Fragments. Acta Physica Polonica B, 2016, 47, 903.	0.8	0
24	Identification of new transitions and mass assignments of levels in Pr^{143} . Physical Review C, 2015, 92, .	2.9	13
25	Characterization of the scission point from fission-fragment velocities. Physical Review C, 2015, 92, .	2.9	55
26	Transfer-induced fission in inverse kinematics: Impact on experimental and evaluated nuclear data bases. European Physical Journal A, 2015, 51, 1.	2.5	6
27	Measurement of the β emission probability of ^{173}Yb using surrogate reactions. EPJ Web of Conferences, 2015, 93, 02010.	0.3	1
28	Fission Yields of Minor Actinides at Low Energy Through Multi-nucleon Transfer Reactions of ^{238}U on ^{12}C . Acta Physica Polonica B, 2015, 46, 443.	0.8	3
29	Transfer reactions in inverse kinematics: An experimental approach for fission investigations. Physical Review C, 2014, 89, .	2.9	48
30	Towards the high spin-isospin frontier using isotopically-identified fission fragments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 136-140.	4.1	43
31	Neutron efficiency of $\text{LaBr}_3:\text{Ce}$ detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 768, 124-129.	1.6	5
32	Isotopic yield distributions of transfer- and fusion-induced fission from $^{238}\text{U} + ^{12}\text{C}$ reactions in inverse kinematics. Physical Review C, 2013, 88, .	2.9	66
33	Isotopic Distributions of Fission Fragments from Transfer-induced Fission. Physics Procedia, 2013, 47, 125-130.	1.2	0
34	Isotopic fission fragment distributions as a deep probe to fusion-fission dynamics. Journal of Physics: Conference Series, 2013, 420, 012119.	0.4	5
35	Complete isotopic distributions of fragments produced in transfer- and fusion-induced reactions. EPJ Web of Conferences, 2013, 62, 06006.	0.3	0
36	Lifetime measurements on fission fragments in the $A \approx 100$ region. EPJ Web of Conferences, 2013, 62, 01002.	0.3	3

#	ARTICLE	IF	CITATIONS
37	Evolution of isotopic fission-fragment yields with excitation energy. EPJ Web of Conferences, 2012, 31, 00025.	0.3	3
38	Performance of the improved larger acceptance spectrometer: VAMOS++. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 646, 184-191.	1.6	116