

David Perez-Loureiro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2686300/publications.pdf>

Version: 2024-02-01

58
papers

578
citations

623734

14
h-index

713466

21
g-index

59
all docs

59
docs citations

59
times ranked

639
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring the $^{15}\text{O}(\hat{1}\pm, \hat{1}^3)^{19}\text{Ne}$ reaction in Type I X-ray bursts using the GADGET II TPC: Hardware. EPJ Web of Conferences, 2022, 260, 11046.	0.3	1
2	Measuring the $^{15}\text{O}(\hat{1}\pm, \hat{1}^3)^{19}\text{Ne}$ Reaction in Type I X-ray Bursts using the GADGET II TPC: Software. EPJ Web of Conferences, 2022, 260, 11034.	0.3	1
3	$P > 30$	7.8	4
4	First Penning trap mass measurement of ^{36}Ca . Physical Review C, 2021, 103, .	7.8	7
5	Evaluation of CLYC-6 and CLYC-7 scintillators for detection of nuclear materials. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1012, 165622.	1.6	16
6	$^{25}\text{Si} \hat{1}^2$ -decay spectroscopy. Physical Review C, 2021, 103, .	2.9	2
7	Excitation of baryonic resonances in stable medium-mass nuclei of Sn. Journal of Physics: Conference Series, 2020, 1667, 012036.	0.4	0
8	Systematic reduction of the proton-removal cross section in neutron-rich medium-mass nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135962.	4.1	9
9	$^{23}\text{Al} \hat{1}^2$ -delayed proton decay and ^{22}Na destruction in novae.	2.9	9
10	Study of $\hat{1}^+$ excitations in medium-mass nuclei with peripheral heavy ion charge-exchange reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135565.	4.1	9
11	Isobaric charge-exchange reactions: a tool to study the excitation of baryonic resonances in exotic nuclear matter. Journal of Physics: Conference Series, 2020, 1643, 012104.	0.4	0
12	Doppler broadening in $^{20}\text{Mg} \hat{1}^2$ decay. Physical Review C, 2019, 99, .	2.9	7
13	Conceptual design and first results for a neutron detector with interaction localization capabilities. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 946, 162528.	1.6	7
14	GADGET: a Gaseous Detector with Germanium Tagging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 940, 93-102.	1.6	8
15	Neutron-rich fragments produced by in-flight fission of ^{238}U . Physical Review C, 2019, 99, .	2.9	9
16	Validation of the energy-loss response of $^{19}\text{Ne}(\hat{1}\pm)$ particles in iC4H10 with ACTARSim. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 125-132.	1.6	3
17	Study of spectroscopic factors at N= 29 using isobaric analogue resonances in inverse kinematics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 155-160.	4.1	12
18	$\hat{1}^2$ -delayed $\hat{1}^3$ decay of ^{20}Mg and the $^{19}(\text{p}, \hat{1}^3)^{20}\text{Na}$ breakout reaction in Type I X-ray bursts. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 397-402.	4.1	6

#	ARTICLE	IF	CITATIONS
37	Tests of Micro-Pattern Gaseous Detectors for active target time projection chambers in nuclear physics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 532-540.	1.6	21
38	Proton-induced fission of ^{181}Ta at high excitation energies. Physical Review C, 2014, 89, .	2.9	37
39	Simulation of a low-background proton detector for studying low-energy resonances relevant in thermonuclear reactions. , 2014, , .		0
40	Characterization of a CsI(Tl) array coupled to avalanche photodiodes for the Barrel of the CALIFA calorimeter at the NEPTUN tagged gamma beam facility. Journal of Instrumentation, 2013, 8, P10004-P10004.	1.2	4
41	Isotopic production cross sections of the residual nuclei in spallation reactions induced by ^{136}Xe projectiles on proton at $500\text{ A}\hat{\text{e}}\%{\text{MeV}}$. Nuclear Physics A, 2013, 899, 116-132.	1.5	31
42	Gamma-ray measurements in the one-neutron knockout of ^{17}C , ^{19}N , ^{21}O and ^{25}F . European Physical Journal A, 2012, 48, 1.	2.5	13
43	Design of iToF: A ToF-wall detector to identify relativistic ions in R3B-FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S137-S140.	1.6	6
44	Structure of ^{22}N and the $N=14$ subshell. Physical Review C, 2011, 83, .	2.9	13
45	Production of neutron-rich nuclei in fragmentation reactions of ^{136}Xe projectiles at relativistic energies. Physics Letters B, 2011, 703, 552-556.	4.1	28
46	Experimental study of fragmentation products in the reactions of ^{136}Xe projectiles at relativistic energies. Physics Letters B, 2011, 703, 552-556.	2.9	19
47	Isotopic production cross sections of the residual nuclei in spallation reactions induced by ^{136}Xe projectiles on ^{12}C and ^{12}O at $500\text{ A}\hat{\text{e}}\%{\text{MeV}}$. Nuclear Physics A, 2010, 834, 467c-469c.	2.9	24
48	Total Fission Cross Sections in Reactions $p+^{181}\text{Ta}$ Investigated in Inverse Kinematics at Relativistic Energies. Journal of the Korean Physical Society, 2011, 59, 1852-1855.	0.7	0
49	Energy dependence of ^{238}U fission yields investigated in inverse kinematics. EPJ Web of Conferences, 2010, 2, 07003.	0.3	2
50	Investigating the radial distributions of medium-mass nuclei. Nuclear Physics A, 2010, 834, 467c-469c.	1.5	0
51	One-neutron knockout from $^{24}\hat{\text{e}}\%{^{28}\text{Ne}}$ isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 26-30.	4.1	4
52	One-neutron knockout of n-rich Ne isotopes at relativistic energies. Nuclear Physics A, 2010, 834, 485c-487c.	1.5	0
53	Investigating the fission process at high excitation energies through proton induced reactions on ^{181}Ta . EPJ Web of Conferences, 2010, 8, 07011.	0.3	0
54	Investigating the intra-nuclear cascade process using the reaction ^{136}Xe on deuterium at $500\hat{\text{e}}\%{\text{AMeV}}$. EPJ Web of Conferences, 2010, 8, 07012.	0.3	2

#	ARTICLE	IF	CITATIONS
55	Publisher's Note: One-neutron knockout from light neutron-rich nuclei at relativistic energies [Phys. Rev. C82, 024305 (2010)]. Physical Review C, 2010, 82, .	2.9	0
56	One-neutron knockout from light neutron-rich nuclei at relativistic energies. Physical Review C, 2010, 82, .	2.9	20
57	Exploring Nuclear Radii from Total Interaction Cross Sections of Medium Mass Nuclei. , 2009, , .		0
58	Conceptual design of a large area time-of-flight wall for the R3B experiment at FAIR. Nuclear Physics, Section B, Proceedings Supplements, 2006, 158, 186-189.	0.4	9