

Marlène Assi©

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3294121/publications.pdf>

Version: 2024-02-01

49
papers

558
citations

623734

14
h-index

642732

23
g-index

49
all docs

49
docs citations

49
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for new resonant states in $Z=8$ Shell Closure in Unbound O and its Mirror Symmetry. <i>Physical Review Letters</i> , 2009, 103, 152503.	7.8	61
2	Probing Neutron Correlations through Nuclear Breakup. <i>Physical Review Letters</i> , 2009, 102, 202501.	7.8	49
3	Pulse-shape discrimination in NE213 liquid scintillator detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 700, 65-69.	1.6	40
4	Search for new resonant states in $Z=10$ and $Z=11$ C and their impact on the cosmological lithium problem. <i>Physical Review C</i> , 2013, 88, .	2.9	40
5	Digital pulse-shape analysis with a TRACE early silicon prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 764, 241-246.	1.6	40
6	Neutron decay of C^{15} resonances by measurements of neutron time-of-flight. <i>Physical Review C</i> , 2016, 93, .	2.9	38
7	An above-barrier narrow resonance in ^{15}F . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 758, 26-31.	4.1	31
8	Identification of light particles by means of pulse shape analysis with silicon detector at low energy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 676, 70-73.	1.6	27
9	Neutron correlations in ^6He viewed through nuclear break-up. <i>European Physical Journal A</i> , 2009, 42, 441.	2.5	18
10	Characterization of light particles ($Z \leq 2$) discrimination performances by pulse shape analysis techniques with high-granularity silicon detector. <i>European Physical Journal A</i> , 2015, 51, 1.	2.5	18
11	New evidence for a shape transition between Zn .	2.9	17
12	Spectroscopy of ^{18}Na : Bridging the two-proton radioactivity of ^{19}Mg . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 712, 198-202.	4.1	15
13	Search for Superscreening Effects in a Superconductor. <i>Physical Review Letters</i> , 2013, 110, 032501.	7.8	15
14	Nucleosynthesis of ^{26}Al in massive stars: New ^{27}Al states above β - and neutron emission thresholds. <i>Physical Review C</i> , 2014, 89, .	2.9	14
15	Performance of the new integrated front-end electronics of the TRACE array commissioned with an early silicon detector prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 935, 178-184.	2.9	14
16	Dependency on the silicon detector working bias for proton-deuteron particle identification at low energies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 714, 48-52.	1.6	14
17	New findings on structure and production of ^{10}He from ^{11}Li with the $(d, ^3\text{He})$ reaction. <i>Physical Review C</i> , 2015, 92, .	2.9	11

#	ARTICLE	IF	CITATIONS
19	Interstrip effects influence on the particle identification of highly segmented silicon strip detector in a nuclear reaction scenario. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 743, 44-50.	1.6	10
20	Pulse shape discrimination at low energies with a double sided, small-pitch strip silicon detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 87-90.	1.6	9
21	Probing preformed \pm particles in the ground state of nuclei. Physical Review C, 2010, 82, .	2.9	8
22	Single-particle strength in neutron-rich $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Cu} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 69 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ from the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Zn} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle$		

#	ARTICLE	IF	CITATIONS
37	Missing Mass Spectroscopy of ^8He and ^{10}He by $(d,^3\text{He})$ Reaction. , 2015, , .		1
38	Publisher's Note: Probing preformed $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\pm} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ particles in the ground state of nuclei [Phys. Rev. C 82 (2010), 031301 (2010)]. Physical Review C, 2010, 82, .	2.9	0
39	PROBING PRE-FORMED ALPHA PARTICLES IN THE GROUND STATE OF NUCLEI. International Journal of Modern Physics E, 2011, 20, 1038-1041.	1.0	0
40	Astrophysical $(\hat{\pm}, \hat{\beta})$ reaction in inverse kinematics; Electron screening effect in the beta-decay. Journal of Physics: Conference Series, 2012, 337, 012015.	0.4	0
41	Study of pairing and clusterisation in light nuclei through nuclear break-up. EPJ Web of Conferences, 2014, 66, 03002.	0.3	0
42	Study of new resonances at high excitation energy by the $^{120}\text{Sn}(p,t)^{118}\text{Sn}$ reaction at 35 MeV. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 588-590.	0.6	0
43	Single-particle strength in neutron-rich ^{71}Cu from the $(d,^3\text{He})$ proton pick-up reaction. Journal of Physics: Conference Series, 2015, 580, 012012.	0.4	0
44	The Giant Pairing Vibration in Carbon isotopes. Journal of Physics: Conference Series, 2016, 730, 012007.	0.4	0
45	Neutron decay of the Giant Pairing Vibration in ^{15}C . Journal of Physics: Conference Series, 2016, 724, 012006.	0.4	0
46	Search for resonant states in ^{10}C and ^{11}C and their impact on the primordial ^7Li abundance. Journal of Physics: Conference Series, 2018, 940, 012016.	0.4	0
47	Charged particle branching ratios above the neutron threshold in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" mathvariant="normal"} \rangle F \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mn} \rangle 19 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$: Constraining $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" mathvariant="normal"} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mn} \rangle 15 \langle \text{mml:mn} \rangle \langle \text{mml:mmu} \rangle$	2.9	0
48	Sonder les noyaux en les $\hat{\text{A}}$ pluchant. , 2010, , 20-24.	0.1	0
49	Occupation probabilities of valence orbitals relevant to neutrinoless double $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" mathvariant="normal"} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ decay of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" mathvariant="normal"} \rangle \langle \text{mml:mi} \rangle \text{Sn} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mn} \rangle 124 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$. Physical Review C. 2022, 105,	2.9	0