

Tayfun HÃ¼yÃ¼k

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

904
citations

567281

15
h-index

454955

30
g-index

40
all docs

40
docs citations

40
times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	<p>Conditions for enhanced neutron-proton correlations from the level structure of the $N < Z$ nucleus</p> <p>Isospin Properties of Nuclear Pair Correlations from the Level Structure of the Self-Conjugate Nucleus</p>	2.9	3
2	<p>Neutron detection and γ-ray suppression using artificial neural networks with the liquid scintillators BC-501A and BC-537.</p> <p>M1 and E2 transition rates from core-excited states in semi-magic ^{94}Ru.</p>	7.8	24
3	<p>Lifetimes of core-excited states in semi-magic ^{95}Rh.</p>	2.5	2
4	<p>NEDA—Neutron Detector Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 81-86.</p>	1.6	34
5	<p>Lifetime measurements of short-lived excited states, and shape changes in As69 and Ge66 nuclei.</p>	2.9	2
6	<p>Neutron detection and γ-ray suppression using artificial neural networks with the liquid scintillators BC-501A and BC-537.</p>	1.6	15
7	<p>M1 and E2 transition rates from core-excited states in semi-magic ^{94}Ru.</p> <p>Neutron Skin Effects in Mirror Energy Differences: The Case of ^{23}Mg</p>	2.5	5
8	<p>Pulse pile-up identification and reconstruction for liquid scintillator based neutron detectors.</p>	7.8	14
9	<p>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 897, 59-65.</p>	1.6	24
10	<p>Lifetime measurement of neutron-rich even-even molybdenum isotopes.</p>	2.9	17
11	<p>High-spin states and lifetimes in ^{33}S and shell-model interpretation in the $s d \tilde{h}^p$ space.</p>	2.9	4
12	<p>Isospin Symmetry Breaking in Mirror Nuclei ^{23}Mg–^{23}Na.</p>	0.8	6
13	<p>Lifetime Measurements with the Doppler Shift Attenuation Method Using a Thick Homogeneous Production Target — Verification of the Method.</p>	0.8	2
14	<p>Conceptual design of the early implementation of the Neutron Detector Array (NEDA) with AGATA.</p>	2.5	23
15	<p>Lifetime measurements and the high-spin structure of ^{36}Cl.</p>	0.4	0
16	<p>Digital pulse-timing technique for the neutron detector array NEDA.</p>	1.6	19
17	<p>Digital Front-End Electronics for the Neutron Detector NEDA.</p> <p>Shell evolution beyond ^{40}N</p>	2.0	6
18	<p>Shell evolution beyond ^{40}N</p> <p>Neutron detection and γ-ray suppression using artificial neural networks with the liquid scintillators BC-501A and BC-537.</p>	2.9	26

#	ARTICLE	IF	CITATIONS
19	A New Front-End High-Resolution Sampling Board for the New-Generation Electronics of EXOGAM2 and NEDA Detectors. IEEE Transactions on Nuclear Science, 2015, 62, 1056-1062.	2.0	9
20	Conceptual design of the TRACE detector readout using a compact, dead time-less analog memory ASIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 800, 34-39.	1.6	13
21	Character of particle-hole excitations in ^{94}Ru deduced from ^{94}Ru hindered Gamow-Teller Decay to the Odd-Odd ^{93}Ga γ angular correlation. Physical Review C, 2014, 89, .	2.9	18
22	Global properties of ^{62}Ni hindrance probed by the ^{62}Ni decay of the warm rotating ^{63}Co nucleus. Physical Review C, 2013, 88, .	7.8	16
23	Lifetime measurements in neutron-rich $^{63,65}\text{Co}$ isotopes using the AGATA demonstrator. Physical Review C, 2013, 88, .	2.9	6
24	Study of the soft dipole modes in ^{140}Ce via inelastic scattering of ^{17}O . Physica Scripta, 2014, 89, 054016.	2.5	7
25	High-spin level structure of ^{35}S . Physical Review C, 2014, 89, .	2.9	14
26	Test of digital neutron γ discrimination with four different photomultiplier tubes for the NEutron Detector Array (NEDA). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 83-91.	1.6	23
27	Lifetime Measurements of Short Lived States in ^{69}As . Acta Physica Polonica B, 2014, 45, 235.	0.8	2
28	Design and Test of a High-Speed Flash ADC Mezzanine Card for High-Resolution and Timing Performance in Nuclear Structure Experiments. IEEE Transactions on Nuclear Science, 2013, 60, 3526-3531.	2.0	8
29	Lifetime Measurements of Short Lived States in ^{66}Ge . Acta Physica Polonica B, 2013, 44, 501.	0.8	2
30	Lifetime Measurements in Neutron-rich Cu Isotopes. Acta Physica Polonica B, 2013, 44, 505.	0.8	5
31	Collective nature of low-lying excitations in ^{70}Zn . Physical Review C, 2013, 87, .	2.9	50
32	Global properties of ^{63}Co hindrance probed by the ^{63}Co decay of the warm rotating ^{63}Co nucleus. Physical Review C, 2013, 88, .	2.9	11
33	Lifetime measurements in neutron-rich $^{63,65}\text{Co}$ isotopes using the AGATA demonstrator. Physical Review C, 2013, 88, .	2.9	15
34	Lifetime measurements of high-lying short lived states in ^{69}As . , 2012, , .		0
35	Discovery of a new isomeric state in ^{68}Ni : Evidence for a highly deformed proton intruder state. Physical Review C, 2012, 85, .	2.9	43
36	Study of the Order-to-Chaos transition in ^{174}W with the AGATA-Demonstrator. Journal of Physics: Conference Series, 2012, 366, 012045.	0.4	0

#	ARTICLE	IF	CITATIONS
37	High-spin structure and intruder excitations in ^{36}Cl . Physical Review C, 2012, 86, .	2.9	14
38	AGATA—Advanced GAMMA Tracking Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 668, 26-58.	1.6	378
39	Monte Carlo simulation of a single detector unit for the neutron detector array NEDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 673, 64-72.	1.6	30
40	Discrimination of gamma rays due to inelastic neutron scattering in AGATA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 554-563.	1.6	14