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List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

583
citations

706676

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h-index

685536

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26
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26
docs citations

26
times ranked

512
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic moments of scandium isotopes and $N=28$ isotones in the distinctive $0f_{7/2}$ orbit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137064.	1.5	10
2	Nuclear moments of indium isotopes reveal abrupt change at magic number 82. Nature, 2022, 607, 260-265.	13.7	22
3	Isotope Shifts of Radium Monofluoride Molecules. Physical Review Letters, 2021, 127, 033001.	2.9	23
4	Charge radii of exotic potassium isotopes challenge nuclear theory and the magic character of $N=32$. Nature Physics, 2021, 17, 439-443.	6.5	79
5	First demonstration of Doppler-free 2-photon in-source laser spectroscopy at the ISOLDE-RILIS. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 476-481.	0.6	6
6	Optimising the Collinear Resonance Ionisation Spectroscopy (CRIS) experiment at CERN-ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 384-389.	0.6	13
7	Resonance ionization schemes for high resolution and high efficiency studies of exotic nuclei at the CRIS experiment. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 398-402.	0.6	7
8	A compact linear Paul trap cooler buncher for CRIS. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 375-377.	0.6	6
9	Laser spectroscopy of indium Rydberg atom bunches by electric field ionization. Scientific Reports, 2020, 10, 12306.	1.6	12
10	The electron affinity of astatine. Nature Communications, 2020, 11, 3824.	5.8	42
11	Tin resonance-ionization schemes for atomic- and nuclear-structure studies. Physical Review A, 2020, 102, .	1.0	12
12	Emergence of simple patterns in many-body systems: from macroscopic objects to the atomic nucleus. European Physical Journal A, 2020, 56, 1.	1.0	15
13	Spectroscopy of short-lived radioactive molecules. Nature, 2020, 581, 396-400.	13.7	78
14	Analytic response relativistic coupled-cluster theory: the first application to indium isotope shifts. New Journal of Physics, 2020, 22, 012001.	1.2	21
15	Measurement and microscopic description of odd-even staggering of charge radii of exotic copper isotopes. Nature Physics, 2020, 16, 620-624.	6.5	76
16	Precision measurements of the charge radii of potassium isotopes. Physical Review C, 2019, 100, .	1.1	22
17	Simulation of the relative atomic populations of elements $1 \leq Z \leq 89$ following charge exchange tested with collinear resonance ionization spectroscopy of indium. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2019, 153, 61-83.	1.5	21
18	A compact RFQ cooler buncher for CRIS experiments. Hyperfine Interactions, 2019, 240, 1.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Laser-spectroscopy studies of the nuclear structure of neutron-rich radium. Physical Review C, 2018, 97, .	1.1	21
20	High-Precision Multiphoton Ionization of Accelerated Laser-Ablated Species. Physical Review X, 2018, 8, .	2.8	17
21	Radium ionization scheme development: The first observed autoionizing states and optical pumping effects in the hot cavity environment. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 150, 99-104.	1.5	3
22	Probing the ^{31}Ga ground-state properties in the region near $Z=28$ with high-resolution laser spectroscopy. Physical Review C, 2017, 96, .	1.1	15
23	Quadrupole moment of ^{203}Fr . Dipole and quadrupole moments of ^{203}Fr . Physical Review C, 2017, 96, .	1.1	10
24	Quadrupole moment of ^{73}Cu as a test of the robustness of the $Z=28$ shell. Physical Review C, 2017, 96, .	1.1	41