

Akihiro

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

372
citations

933447

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752698

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g-index

23
all docs

23
docs citations

23
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of α -cluster monopole excitations in ^{16}O . Physical Review C, 2012, 85, .	2.9	72
2	Nonlocalized cluster dynamics and nuclear molecular structure. Physical Review C, 2014, 89, .	2.9	52
3	Investigation of α -cluster states at low energy and mean-field-type states at higher energy. Physical Review C, 2015, 91, .	2.9	38
4	Investigation of α -cluster states at low energy and mean-field-type states at higher energy. Physical Review C, 2015, 91, .	2.9	37
5	Investigation of α -cluster states at low energy and mean-field-type states at higher energy. Physical Review C, 2016, 93, .	2.9	36
6	Breathing-like excited state of the Hoyle state in ^{12}C . Physical Review C, 2016, 94, .	2.9	36
7	Nonlocalized clustering and evolution of cluster structure in nuclei. Frontiers of Physics, 2020, 15, 1.	5.0	21
8	Investigation of the B9 nucleus and its cluster-nucleon correlations. Physical Review C, 2018, 97, .	2.9	16
9	Alpha Cluster States and Condensation in ^{16}O . Progress of Theoretical Physics Supplement, 2012, 196, 439-444.	0.1	13
10	Internal one-particle density matrix for Bose-Einstein condensates with finite number of particles in a harmonic potential. Physical Review C, 2009, 79, .	2.9	12
11	Investigation of isospin-triplet and isospin-singlet pairing in the $A=10$ nuclei ^{10}B , ^{10}Be , and ^{10}C with an extension of the Tohsaki-Horiuchi-Schuck-Röpke wave function. Physical Review C, 2019, 100, .	2.9	7
12	THE INTERACTION OF A NUCLEON AND ALPHA CONDENSATE. International Journal of Modern Physics E, 2008, 17, 2106-2109.	1.0	6
13	Nonlocalized motion in a two-dimensional container of α particles in 3α and 4α states of ^{12}C . Physical Review C, 2019, 99, .	2.9	6
14	Properties of ^{8-11}Be isotopes with isospin-dependent spin-orbit potential in a cluster approach. European Physical Journal A, 2021, 57, 1.	2.5	5
15	New microscopic wave function of α -condensation. Frontiers of Physics, 2011, 6, 320-336.	5.0	4
16	α -cluster clustering with a hollow structure: Geometrical structure of α -clusters from platonic solids to fullerene shape. Physical Review C, 2018, 97, .	2.9	4
17	MICROSCOPIC DIAPYCNON CONDENSATE WAVE FUNCTION. Modern Physics Letters A, 2006, 21, 2469-2474.	1.2	2
18	MICROSCOPIC WAVE FUNCTION OF ALPHA CONDENSATION. International Journal of Modern Physics A, 2009, 24, 2003-2018.	1.5	2

#	ARTICLE	IF	CITATIONS
19	Thermodynamics of Quantum Ultra-Cold Neutron Gas under Gravity of the Earth. Progress of Theoretical Physics, 2012, 128, 533-539.	2.0	1
20	Stability of α -chain states against disintegrations. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	1
21	Investigating the proton-halo structure of ^{8}B via the extended THSR wave function. European Physical Journal A, 2022, 58, 1.	2.5	1
22	Container model for the ground and excited 0^+ states in ^{12}C . AIP Conference Proceedings, 2018, , .	0.4	0
23	ALPHA-PARTICLE CONDENSED STATES IN NUCLEI. , 2010, , .		0