

Akihiro

List of Publications by Year in descending order

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papers

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all docs

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23
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the proton-halo structure of ${}^8\text{B}$ via the extended THSR wave function. European Physical Journal A, 2022, 58, 1.	2.5	1
2	Properties of ${}^{8-11}\text{Be}$ isotopes with isospin-dependent spin-orbit potential in a cluster approach. European Physical Journal A, 2021, 57, 1.	2.5	5
3	Nonlocalized clustering and evolution of cluster structure in nuclei. Frontiers of Physics, 2020, 15, 1.	5.0	21
4	${}^{\hat{I}\pm}$ decay to a doubly magic core in the quartetting wave function approach. Physical Review C, 2020, 101, .	2.9	37
5	Stability of α -chain states against disintegrations. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	1
6	Investigation of isospin-triplet and isospin-singlet pairing in the $A=10$ nuclei ${}^{10}\text{B}$, ${}^{10}\text{Be}$, and ${}^{10}\text{C}$ with an extension of the Tohsaki-Horiuchi-Schuck-Röpke wave function. Physical Review C, 2019, 100, .	2.9	7
7	Nonlocalized motion in a two-dimensional container of ${}^{\hat{I}\pm}$ particles in $3\hat{\alpha}^+$ and $4\hat{\alpha}^+$ states of ${}^{12}\text{C}$. Physical Review C, 2019, 99, .	2.9	6
8	${}^{\hat{I}\pm}$ clustering with a hollow structure: Geometrical structure of ${}^{\hat{I}\pm}$ clusters from platonic solids to fullerene shape. Physical Review C, 2018, 97, .	2.9	4
9	Container model for the ground and excited 0^+ states in ${}^{12}\text{C}$. AIP Conference Proceedings, 2018, . .	0.4	0
10	Investigation of the ${}^{\text{B9}}$ nucleus and its cluster-nucleon correlations. Physical Review C, 2018, 97, .	2.9	16
11	Investigation of ${}^{\text{Be}}$ and its cluster breathing-like excited state in ${}^{\text{C}}$ and its cluster breathing-like excited state of the Hoyle state in ${}^{\text{C}}$. Physical Review C, 2016, 93, .	2.9	36
12	Breathing-like excited state of the Hoyle state in ${}^{\text{C}}$. Physical Review C, 2016, 94, .	2.9	36
13	Investigation of ${}^{\text{Be}}$ from a nonlocalized clustering concept. Physical Review C, 2015, 93, .	2.9	38
14	Nonlocalized cluster dynamics and nuclear molecular structure. Physical Review C, 2014, 89, .	2.9	52
15	Isoscalar monopole excitations in ${}^{16}\text{O}$ -cluster states at low energy and mean-field-type states at higher energy. Physical Review C, 2012, 85, .	2.9	72
16	α Cluster States and Condensation in ${}^{16}\text{O}$. Progress of Theoretical Physics Supplement, 2012, 196, 439-444.	0.1	13
17	Thermodynamics of Quantum Ultra-Cold Neutron Gas under Gravity of the Earth. Progress of Theoretical Physics, 2012, 128, 533-539.	2.0	1
18	New microscopic wave function of ${}^{\hat{I}\pm}$ -condensation. Frontiers of Physics, 2011, 6, 320-336.	5.0	4

#	ARTICLE	IF	CITATIONS
19	ALPHA-PARTICLE CONDENSED STATES IN NUCLEI. , 2010, , .		0
20	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
21	MICROSCOPIC WAVE FUNCTION OF ALPHA CONDENSATION. International Journal of Modern Physics A, 2009, 24, 2003-2018.	1.5	2
22	THE INTERACTION OF A NUCLEON AND ALPHA CONDENSATE. International Journal of Modern Physics E, 2008, 17, 2106-2109.	1.0	6
23	MICROSCOPIC DIÀ€“NUCLEON CONDENSATE WAVE FUNCTION. Modern Physics Letters A, 2006, 21, 2469-2474.	1.2	2