N Quang Hung

List of Publications by Year
in descending order

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63	762	567144	580701
papers	citations	15 h-index	25 g-index

65	65	65	510
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antibacterial properties of silver nanoparticles greenly synthesized using guava fruit extract as a reducing agent and stabilizer. Applied Nanoscience (Switzerland), 2023, 13, 3709-3720.	1.6	3
2	Pb(II) adsorption mechanism and capability from aqueous solution using red mud modified by chitosan. Chemosphere, 2022, 287, 132279.	4.2	33
3	HTDMA-modified bentonite clay for effective removal of Pb(II) from aqueous solution. Chemosphere, 2022, 286, 131766.	4.2	41
4	Morphological characterization of grafted polymer electrolyte membranes at a surface layer for fuel cell application. Journal of Applied Polymer Science, 2022, 139, 51901.	1.3	5
5	Improved version of the Î± -nucleus optical model potential for reactions relevant to the Î³ process. Physical Review C, 2022, 105, .	1.1	4
6	Positron annihilation study of lattice defects and nanoporous structures in Mn4+ doped K2SiF6 nanophosphors exhibiting high quantum yield. Radiation Physics and Chemistry, 2022, 195, 110064.	1.4	2
7	Maxwellian-averaged cross section of 181Ta (n,Î³) reaction and its astrophysical implications. Nuclear Physics A, 2022, 1023, 122450.	0.6	3
8	ÄÃNH GIÃ•Má»˜T Sá»•MÃ” HÃŒNH Máº¬T Äá»˜ Má»¨C VÃ€ HÃ€M Lá»°C Bá»¨C Xáº¡ Dá»°A TRÃŠN PHÃ‚N Bá»•CÆ¯á»œNG Äá»˜ PHÃ‚N RÃƒ Cá»¦A PHáº¢N á»¨NG 51V(nth, 2Î³)52V. , 2022, 19, 897.	0	
9	Primary biosorption mechanism of lead (II) and cadmium (II) cations from aqueous solution by pomelo (Citrus maxima) fruit peels. Environmental Science and Pollution Research, 2021, 28, 63504-63515.	2.7	21
10	Nuclear level density and thermal properties of $$^{115}hbox {Sn}$$ from neutron evaporation. European Physical Journal A, 2021, 57, 1.	1.0	2
11	Level scheme of 164Dy obtained from 163Dy(nth,2Î³) experiment. Nuclear Physics A, 2021, 1007, 122136.	0.6	1
12	Re-investigation of heat capacity and paring phase transition in hot $$^{93-98}$$Mo nuclei. European Physical Journal A, 2021, 57, 1.	1.0	2
13	Examination of $$alpha $$-induced fusion reactions relevant to the production of p-nuclei. European Physical Journal A, 2021, 57, 1.	1.0	1
14	Proton entropy excess and possible signature of pairing reentrance in hot nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136445.	1.5	3
15	Stable dispersion of graphene oxideâ€“copolymer nanocomposite for enhanced oil recovery application in high-temperature offshore reservoirs. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 628, 127343.	2.3	5
16	A Composite Method for Improving the Pulse Shape Discrimination Efficiency of a Scintillation Detector Using EJ-301 Liquid. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	2.4	2
17	Normalizing the enhanced generalized superfluid model of nuclear level density. European Physical Journal A, 2021, 57, 1.	1.0	0
18	SAXS Investigation on Morphological Change in Lamellar Structures During Propagation Steps of Graftâ€Type Polymer Electrolyte Membranes for Fuel Cell Applications. Macromolecular Chemistry and Physics, 2020, 221, 1900325.	1.1	8

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19	Possible syntheses of unknown superheavy 309,312126 nuclei. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 1135-1149.	0.7	2
20	A fully microscopic model of total level density in spherical nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135858.	1.5	9
21	Exotic nuclear shape due to cluster formation at high angular momentum. Physical Review C, 2020, 102, .	1.1	4
22	Design of a unique holder for structural modification of ZSM-5 zeolite using a 10ÂMeV electron beam generated from an industrial UERL-10-15S2 linear accelerator. Radiation Physics and Chemistry, 2020, 174, 108948.	1.4	3
23	A hybrid model for estimation of pore size from ortho-positronium lifetimes in porous materials. Radiation Physics and Chemistry, 2020, 172, 108867.	1.4	15
24	Role of exact treatment of thermal pairing in radiative strength functions of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Dy</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>161</mml:mn><mml:mo>â€“</mml:mo><mml:mn>163</mml:mn></mml:mrow></mml:mmultiscripts></mml nuclei. Physical Review C, 2020, 102, .	1.1	2
25	Deep red fluoride dots-in-nanoparticles for high color quality micro white light-emitting diodes. Optics Express, 2020, 28, 26189.	1.7	17
26	Level scheme of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sm</mml:mi><mml:mprescripts /><mml:none /><mml:mn>153</mml:mn></mml:mmultiscripts></mml:math> obtained from the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sm</mml:mi><mml:mprescripts /><mml:none		

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37	Microscopic optical potential obtained from energy-density-functional approach for neutronâ€“nucleus elastic scattering. International Journal of Modern Physics E, 2018, 27, 1850052.	0.4	5
38	Simultaneous Microscopic Description of Nuclear Level Density and Radiative Strength Function. Physical Review Letters, 2017, 118, 022502.	2.9	41
39	Level density and thermodynamics in the hot rotating <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Tc</mml:mi><mml:mprescripts /><mml:none /><mml:mn>96</mml:mn></mml:mmultiscripts></mml:math> nucleus. Physical Review C, 2017, 96, .	1.1	18
40	Testing the constant-temperature approach for the nuclear level density. Physical Review C, 2017, 96, .	1.1	12
41	Microscopic description of average level spacing in even-even nuclei. Journal of Physics: Conference Series, 2017, 865, 012011.	0.3	0
42	Effective restoration of dipole sum rules within the renormalized random-phase approximation. Physical Review C, 2016, 94, .	1.1	3
43	Effects of pairing correlations on the inverse level density parameter of hot rotating nuclei. Journal of Physics: Conference Series, 2016, 726, 012011.	0.3	0
44	Improved treatment of blocking effect at finite temperature. Physical Review C, 2016, 94, .	1.1	11
45	The pygmy dipole resonance in neutron-rich nuclei. Journal of Physics: Conference Series, 2016, 726, 012026.	0.3	2
46	Experimental investigation on the temperature dependence of the nuclear level density parameter. Physical Review C, 2015, 91, .	1.1	9
47	Reentrance phenomenon of superfluid pairing in hot rotating nuclei. Journal of Physics: Conference Series, 2015, 627, 012006.	0.3	1
48	Pairing Reentrance in Warm Rotating ^{104}Pd Nucleus. Acta Physica Polonica B, Proceedings Supplement, 2015, 8, 551.	0.0	3
49	Probing the critical behavior in the evolution of GDR width at very low temperatures in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>A</mml:mi><mml:mo>â‰¼</mml:mo><mml:mn>100</mml:mn></mml:math> mass region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 92-96.	1.5	25
50	On the importance of using exact pairing in the study of pygmy dipole resonance. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 105103.	1.4	7
51	Giant dipole resonance in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>201</mml:mn></mml:msup></mml:math>Tl at low temperature. Physical Review C, 2012, 86, .	1.1	13
52	Specific shear viscosity in hot rotating systems of paired fermions. Physical Review C, 2012, 86, .	1.1	0
53	Thermal nuclear pairing within the self-consistent quasiparticle RPA. Journal of Physics: Conference Series, 2011, 267, 012049.	0.3	0
54	Pairing reentrance in hot rotating nuclei. Physical Review C, 2011, 84, .	1.1	18

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55	Thermodynamic properties of hot nuclei within the self-consistent quasiparticle random-phase approximation. Physical Review C, 2010, 82, .	1.1	15
56	Chemical potential beyond the quasiparticle mean field. Physical Review C, 2010, 81, .	1.1	3
57	Canonical and microcanonical ensemble descriptions of thermal pairing within BCS and quasiparticle random-phase approximation. Physical Review C, 2010, 81, .	1.1	17
58	Exact and approximate ensemble treatments of thermal pairing in a multilevel model. Physical Review C, 2009, 79, .	1.1	24
59	Nuclear pairing at finite temperature and angular momentum. , 2009, , .		0
60	NUCLEAR PAIRING AT FINITE TEMPERATURE AND ANGULAR MOMENTUM. International Journal of Modern Physics E, 2008, 17, 2160-2164.	0.4	1
61	Pairing within the self-consistent quasiparticle random-phase approximation at finite temperature. Physical Review C, 2008, 77, .	1.1	27
62	Pairing in hot rotating nuclei. Physical Review C, 2008, 78, .	1.1	21
63	Self-consistent quasiparticle random-phase approximation for a multilevel pairing model. Physical Review C, 2007, 76, .	1.1	15