

# N Quang Hung

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

762  
citations

567144

15  
h-index

580701

25  
g-index

65  
all docs

65  
docs citations

65  
times ranked

510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight into the adsorption mechanisms of methylene blue and chromium( $\text{Cr}(\text{VI})$ ) from aqueous solution onto pomelo fruit peel. RSC Advances, 2019, 9, 25847-25860.	1.7	133
2	Insight into adsorption mechanism of lead(II) from aqueous solution by chitosan loaded MnO <sub>2</sub> nanoparticles. Materials Chemistry and Physics, 2018, 207, 294-302.	2.0	74
3	Simultaneous Microscopic Description of Nuclear Level Density and Radiative Strength Function. Physical Review Letters, 2017, 118, 022502.	2.9	41
4	HTDMA-modified bentonite clay for effective removal of Pb(II) from aqueous solution. Chemosphere, 2022, 286, 131766.	4.2	41
5	Pb(II) adsorption mechanism and capability from aqueous solution using red mud modified by chitosan. Chemosphere, 2022, 287, 132279.	4.2	33
6	Pairing within the self-consistent quasiparticle random-phase approximation at finite temperature. Physical Review C, 2008, 77, .	1.1	27
7	Probing the critical behavior in the evolution of GDR width at very low temperatures in $A \approx 100$ mass region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 82-86.	1.5	25
8	Exact and approximate ensemble treatments of thermal pairing in a multilevel model. Physical Review C, 2009, 79, .	1.1	24
9	Pairing in hot rotating nuclei. Physical Review C, 2008, 78, .	1.1	21
10	S-shaped heat capacity in an odd-odd deformed nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 634-638.	1.5	21
11	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
12	Pairing reentrance in hot rotating nuclei. Physical Review C, 2011, 84, .	1.1	18
13	Level density and thermodynamics in the hot rotating $T_c$ nucleus. Physical Review C, 2017, 96, .	1.1	18
14	Canonical and microcanonical ensemble descriptions of thermal pairing within BCS and quasiparticle random-phase approximation. Physical Review C, 2010, 81, .	1.1	17
15	Deep red fluoride dots-in-nanoparticles for high color quality micro white light-emitting diodes. Optics Express, 2020, 28, 26189.	1.7	17
16	Self-consistent quasiparticle random-phase approximation for a multilevel pairing model. Physical Review C, 2007, 76, .	1.1	15
17	Thermodynamic properties of hot nuclei within the self-consistent quasiparticle random-phase approximation. Physical Review C, 2010, 82, .	1.1	15
18	Pairing in excited nuclei: a review. Reports on Progress in Physics, 2019, 82, 056301.	8.1	15

#	ARTICLE	IF	CITATIONS
19	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
20	Giant dipole resonance in $^{201}\text{Tl}$ at low temperature. Physical Review C, 2012, 86, .	1.1	13
21	Testing the constant-temperature approach for the nuclear level density. Physical Review C, 2017, 96, .	1.1	12
22	Improved treatment of blocking effect at finite temperature. Physical Review C, 2016, 94, .	1.1	11
23	Study of giant dipole resonance in hot rotating light mass nucleus $^{31}\text{P}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 423-428.	1.5	10
24	Experimental investigation on the temperature dependence of the nuclear level density parameter. Physical Review C, 2015, 91, .	1.1	9
25	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
26	Investigation of the synthesis of the unknown superheavy nuclei 309,312126. International Journal of Modern Physics E, 2019, 28, 1950056.	0.4	8
27	SAXS Investigation on Morphological Change in Lamellar Structures During Propagation Steps of Graft-type Polymer Electrolyte Membranes for Fuel Cell Applications. Macromolecular Chemistry and Physics, 2020, 221, 1900325.	1.1	8
28	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
29	Bubble nuclei within the self-consistent Hartree-Fock mean field plus pairing approach. Physical Review C, 2018, 97, .	1.1	5
30	Microscopic optical potential obtained from energy-density-functional approach for neutron-nucleus elastic scattering. International Journal of Modern Physics E, 2018, 27, 1850052.	0.4	5
31	Stable dispersion of graphene oxide-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
32	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
33	Determination of Cobalt in Seawater Using Neutron Activation Analysis after Preconcentration by Adsorption onto $\text{I}^3\text{-MnO}_2$ Nanomaterial. Journal of Chemistry, 2018, 2018, 1-8.	0.9	4
34	Exotic nuclear shape due to cluster formation at high angular momentum. Physical Review C, 2020, 102, .	1.1	4
35	Improved version of the $\hat{I}^\pm$ -nucleus optical model potential for reactions relevant to the $\hat{I}^3$ process. Physical Review C, 2022, 105, .	1.1	4
36	Chemical potential beyond the quasiparticle mean field. Physical Review C, 2010, 81, .	1.1	3

#	ARTICLE	IF	CITATIONS
37	Effective restoration of dipole sum rules within the renormalized random-phase approximation. Physical Review C, 2016, 94, . Level scheme of $\text{Sm}^{153}$ obtained from the	1.1	3
38	$\text{Sm}^{153}$ obtained from the		

#	ARTICLE	IF	CITATIONS
55	Nuclear pairing at finite temperature and angular momentum. , 2009, , .		0
56	Thermal nuclear pairing within the self-consistent quasiparticle RPA. Journal of Physics: Conference Series, 2011, 267, 012049.	0.3	0
57	Specific shear viscosity in hot rotating systems of paired fermions. Physical Review C, 2012, 86, .	1.1	0
58	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
59	Microscopic description of average level spacing in even-even nuclei. Journal of Physics: Conference Series, 2017, 865, 012011.	0.3	0
60	Effect of exact thermal pairing on nuclear level density. Journal of Physics: Conference Series, 2018, 1034, 012008.	0.3	0
61	Renormalizing random-phase approximation by using exact pairing. Physical Review C, 2019, 99, .	1.1	0
62	Normalizing the enhanced generalized superfluid model of nuclear level density. European Physical Journal A, 2021, 57, 1.	1.0	0
63	ẢNH GIẢM SỰ SÁM HẸNH MẶT ẢNH MẶT C VÃI HÃI LÃI C BÃI C XÃI DÃI A TRÃI PHÃI N BÃI CÃI PHÃI N RÃI CÃI A PHÃI N ÃI NG 51V(nth, 213)52V. , 2022, 19, 897.		0