

N Dinh Dang

List of Publications by Year in descending order

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papers

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citations

471509

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docs citations

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times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.1	3
2	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.	4.1	9
3	Exotic nuclear shape due to cluster formation at high angular momentum. Physical Review C, 2020, 102, .	2.9	4
4	Role of exact treatment of thermal pairing in radiative strength functions of ^{161}Dy and ^{163}Dy nuclei. Physical Review C, 2020, 102, .	2.9	2
5	Renormalizing random-phase approximation by using exact pairing. Physical Review C, 2019, 99, .	2.9	0
6	Pairing in excited nuclei: a review. Reports on Progress in Physics, 2019, 82, 056301.	20.1	15
7	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.	4.1	21
8	Bubble nuclei within the self-consistent Hartree-Fock mean field plus pairing approach. Physical Review C, 2018, 97, .	2.9	5
9	Role of exact pairing in the description of nuclear level density and radiative strength function. Journal of Physics: Conference Series, 2018, 966, 012054.	0.4	0
10	Study of giant dipole resonance in hot rotating light mass nucleus ^{31}P . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 423-428.	4.1	10
11	Simultaneous Microscopic Description of Nuclear Level Density and Radiative Strength Function. Physical Review Letters, 2017, 118, 022502.	7.8	41
12	Level density and thermodynamics in the hot rotating ^{96}Tc nucleus. Physical Review C, 2017, 96, .	2.9	18
13	Testing the constant-temperature approach for the nuclear level density. Physical Review C, 2017, 96, .	2.9	12
14	Giant dipole resonance and shape transitions in hot and rotating ^{88}Mo . Physical Review C, 2017, 96, .	2.9	4
15	Effective restoration of dipole sum rules within the renormalized random-phase approximation. Physical Review C, 2016, 94, .	2.9	3
16	Improved treatment of blocking effect at finite temperature. Physical Review C, 2016, 94, .	2.9	11
17	Giant dipole resonance in hot rotating nuclei. European Physical Journal A, 2016, 52, 1.	2.5	20
18	Giant dipole resonance built on hot rotating nuclei produced during evaporation of light particles from the ^{88}Mo compound nucleus. Physical Review C, 2015, 91, .	2.9	15

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19	Effects of thermal shape fluctuations and pairing fluctuations on the giant dipole resonance in warm nuclei. <i>Physical Review C</i> , 2015, 91, .	2.9	12
20	Experimental investigation on the temperature dependence of the nuclear level density parameter. <i>Physical Review C</i> , 2015, 91, .	2.9	9
21	Reentrance phenomenon of superfluid pairing in hot rotating nuclei. <i>Journal of Physics: Conference Series</i> , 2015, 627, 012006.	0.4	1
22	Pairing Reentrance in Warm Rotating ^{104}Pd Nucleus. <i>Acta Physica Polonica B, Proceedings Supplement</i> , 2015, 8, 551.	0.1	3
23	Pairing effect in the thermal shape-fluctuation model on the width of the giant dipole resonance. <i>Physical Review C</i> , 2014, 90, .	2.9	10
24	Probing the critical behavior in the evolution of GDR width at very low temperatures in $A \sim 100$ mass region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 731, 92-96.	4.1	25
25	On the importance of using exact pairing in the study of pygmy dipole resonance. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013, 40, 105103.	3.6	7
26	Giant dipole resonance in ^{88}Mo from phonon damping model strength functions averaged over temperature and angular momentum distributions. <i>Physical Review C</i> , 2013, 87, .	2.9	9
27	Damping of giant dipole resonances in hot rotating nuclei. <i>Physical Review C</i> , 2012, 85, .	2.9	13
28	Giant dipole resonance in ^{201}Tl at low temperature. <i>Physical Review C</i> , 2012, 86, .	2.9	13
29	Specific shear viscosity in hot rotating systems of paired fermions. <i>Physical Review C</i> , 2012, 86, .	2.9	0
30	Thermal nuclear pairing within the self-consistent quasiparticle RPA. <i>Journal of Physics: Conference Series</i> , 2011, 267, 012049.	0.4	0
31	Pairing reentrance in hot rotating nuclei. <i>Physical Review C</i> , 2011, 84, .	2.9	18
32	Thermodynamic properties of hot nuclei within the self-consistent quasiparticle random-phase approximation. <i>Physical Review C</i> , 2010, 82, .	2.9	15
33	Chemical potential beyond the quasiparticle mean field. <i>Physical Review C</i> , 2010, 81, .	2.9	3
34	Canonical and microcanonical ensemble descriptions of thermal pairing within BCS and quasiparticle random-phase approximation. <i>Physical Review C</i> , 2010, 81, .	2.9	17
35	Exact and approximate ensemble treatments of thermal pairing in a multilevel model. <i>Physical Review C</i> , 2009, 79, .	2.9	24
36	Nuclear pairing at finite temperature and angular momentum. , 2009, , .		0

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37	Pairing within the self-consistent quasiparticle random-phase approximation at finite temperature. Physical Review C, 2008, 77, .	2.9	27
38	Pairing in hot rotating nuclei. Physical Review C, 2008, 78, .	2.9	21
39	Self-consistent quasiparticle random-phase approximation for a multilevel pairing model. Physical Review C, 2007, 76, .	2.9	15
40	Energies of the ground state and first excited 0^+ state in an exactly solvable pairing model. European Physical Journal A, 2003, 16, 181-191.	2.5	7
41	Thermal quasiparticle correlations and continuum coupling in nuclei far from stability. Physical Review C, 2003, 67, .	2.9	28
42	Improved treatment of ground-state correlations: Modified random phase approximation. Physical Review C, 2001, 64, .	2.9	36
43	Statistical analysis of the hot giant dipole resonance with the phonon damping model. Physical Review C, 2000, 61, .	2.9	12
44	Extended renormalized random phase approximation. Physical Review C, 2000, 62, .	2.9	13
45	Variational approach to collective excitations. Physical Review C, 1999, 59, 1422-1431.	2.9	19
46	Ground-state correlations beyond RPA. Nuclear Physics A, 1994, 579, 1-12.	1.5	90
47	Lipkin-Nogami method at finite temperature in the static-path approximation. Physical Review C, 1993, 47, 606-611.	2.9	33
48	Finite temperature projected calculations in the static path approximation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 9-13.	4.1	34
49	Influence of the superfluid pairing interaction on collective states in the finite-temperature random phase approximation. Journal of Physics G: Nuclear Physics, 1985, 11, L125-L133.	0.8	30