

H T Fortune

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

1,349
citations

430874

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395702

33
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91
all docs

91
docs citations

91
times ranked

543
citing authors

#	ARTICLE	IF	CITATIONS
1	Coexistence and mixing in Mo98,100. Physical Review C, 2022, 105, .	2.9	0
2	Spherical-deformed mixing in Zr^{94} . Physical Review C, 2021, 103, .	2.9	0
3	Nuclear structure and band mixing in Pt^{194} . Physical Review C, 2021, 103, .	2.9	8
4	Observation of the near-threshold intruder resonance in Be^{12} . Physical Review C, 2021, 103, .	2.9	12
5	Transfer and strengths in Sm^{12} . Physical Review C, 2021, 103, .	2.9	0
6	Possible $3+$ state in Be^{12} from the $\text{Be}^{11}(d,p)$ reaction. Physical Review C, 2021, 104, .	2.9	0
7	Structure of rotational bands in Rh^{109} . Physical Review C, 2021, 104, .	2.9	5
8	Quantum phase transitions and band mixing in ^{135}Ba . Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 125107.	3.6	3
9	States in C^{14} and C^{14} . Physical Review C, 2021, 103, .	2.9	0
10	Proton widths and spectroscopic factors in F^{19} at $E_x=8\text{--}11\text{MeV}$. Physical Review C, 2020, 102, .	2.9	1
11	Coexistence in Kr^{72} . Physical Review C, 2020, 102, .	2.9	0
12	Comparison of the $\text{Be}^9(t,p)\text{Be}^{11}$ and $\text{Be}^9(\text{O}^{18},\text{O}^{16})\text{Be}^{11}$ reactions. Physical Review C, 2020, 101, .	2.9	0
13	Mirror states in Li^9 and C^9 . Physical Review C, 2019, 100, .	2.9	3
14	Coexistence and 2α strengths. Physical Review C, 2019, 100, .	2.9	2
15	Coexistence and $2n$ transfer in even Zr nuclei. Physical Review C, 2019, 100, .	2.9	5
16	Coexistence and mixing in Hg^{182} and Hg^{184} . Physical Review C, 2019, 100, .	2.9	3
17	Coexistence and mixing in Se^{76} . Physical Review C, 2019, 99, .	2.9	4
18	Similarities and differences in Sn^{116} and Cd^{114} . Physical Review C, 2019, 100, .	2.9	1

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19	decays of ^{12}C excited states. Physical Review C, 2019, 100, .	2.9	0
20	Coexistence and $2n$ transfer among Mo nuclei. Physical Review C, 2019, 100, .	2.9	1
21	Structure of exotic light nuclei: $Z = 2, 3, 4$. European Physical Journal A, 2018, 54, 1.	2.5	12
22	Band mixing in $^{74}, ^{76}, ^{78}\text{Kr}$. European Physical Journal A, 2018, 54, 1.	2.5	4
23	Band mixing and structure of ^{106}Pd and ^{108}Pd . Physical Review C, 2018, 98, .	2.9	5
24	Band mixing in ^{154}Gd . European Physical Journal A, 2018, 54, 1.	2.5	4
25	Matter radii and configuration mixing in $^{15-19}\text{C}$. European Physical Journal A, 2018, 54, 1.	2.5	6
26	Shape coexistence and mixing in ^{96}Zr . Physical Review C, 2017, 95, .	2.9	11
27	Mixing of higher- J states in ^{72}Ge . Physical Review C, 2017, 95, .	2.9	4
28	Structure of $^{16}\text{Ne}(2+, Ex=6.18\text{ MeV})$. European Physical Journal A, 2016, 52, 1.	2.5	1
29	Coexistence and $B(E2)$ values in ^{72}Ge . Physical Review C, 2016, 94, .	2.9	12
30	Widths and structure of unbound states in ^{12}Be . Physical Review C, 2016, 93, .	2.9	6
31	Splitting of strengths in neutron removal from ^{13}O . Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 115102.	3.6	4
32	Nature of the $E_n = 1.24\text{ MeV}$ state in ^{12}Be . European Physical Journal A, 2016, 52, 1.	2.5	7
33	States in ^{14}O and ^{14}C . Physical Review C, 2015, 91, .	2.9	2
34	Structure of $^{11}\text{Li}(g.s.)$ and an excited $3/2^+$ state. Physical Review C, 2015, 91, .	2.9	9
35	Lowest $(sd)^2$ states in odd-A light nuclei. Physical Review C, 2015, 91, .	2.9	3
36	Lowest negative-parity states in ^{12}Be . Physical Review C, 2014, 89, .	2.9	12

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37	width="0.16em" /> 0 coupled to $states$	2.9	7
38	Matter radii of 17-24O. European Physical Journal A, 2013, 49, 1.	2.5	4
39	Potential-model estimate of the mass of ^{110}O (g.s.). Physical Review C, 2013, 88, .	2.9	6
40	Update on ^{12}O (g.s.) width for simultaneous 2p decay. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 055102.	3.6	9
41	Properties of the lowest $1/2^+, T=3/2$ states in $A=11$ nuclei. Physical Review C, 2012, 85, .	2.9	6
42	Properties of 3.89/3.96-MeV states in ^{11}Be . Physical Review C, 2012, 86, .	2.9	6
43	Concerning positive-parity collective states in ^{18}O . European Physical Journal A, 2012, 48, 1.	2.5	4
44	Matter radii and wave function admixtures in 2n halo nuclei. European Physical Journal A, 2012, 48, 1.	2.5	22
45	New calculations of matter radii for neutron-rich C nuclei. European Physical Journal A, 2011, 47, 1.	2.5	11
46	Structure of $2^+, T=2$ states in $A=12$ nuclei. Physical Review C, 2011, 83, .	2.9	23
47	Neutron widths and configuration mixing in ^{11}Be . Physical Review C, 2011, 83, .	2.9	17
48	Update on energy and width of ^{19}Mg (g.s.). Physical Review C, 2011, 83, .	2.9	9
49	Coulomb energies in ^{16}Ne and low-lying levels of ^{17}Na . Physical Review C, 2010, 82, .	2.9	14
50	Energy and width of the excited 0^+ state in ^{12}O . Physical Review C, 2010, 82, .	2.9	9
51	Neutron decays of $^{13}\text{Be}^*$ to the 0^+ state of ^{12}Be . Physical Review C, 2010, 82, .	2.9	13
52	Comment on "Predicting Narrow States in the Spectrum of a Nucleus beyond the Proton Drip Line"; Physical Review Letters, 2007, 99, 089201; author reply 089202.	7.8	16
53	Two-proton decay energy and width of ^{19}Mg (g.s.). Physical Review C, 2007, 76, .	2.9	19
54	Constraints on energies of ^{15}F (g.s.), ^{15}O ($12^+, T=32$), and ^{16}F ($0^+, T=2$). Physical Review C, 2006, 74, .	2.9	26

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55	Coulomb energies in ^{17}Ne and the ground state mass of ^{18}Na . <i>Physical Review C</i> , 2006, 73, .	2.9	18
56	Constraints on energy of $^{9}\text{B}(1/2^+)$ and $^{10}\text{C}(0_2^+)$. <i>Physical Review C</i> , 2006, 73, .	2.9	20
57	Excited $0^+, T=2$ states in ^{12}Be , ^{12}C , and ^{12}O . <i>Physical Review C</i> , 2006, 74, .	2.9	32
58	Proton and alpha spectroscopic factors for states at $6.4 \leq 7.5$ MeV in ^{19}Ne . <i>Physical Review C</i> , 2006, 73, .	2.9	19
59	Energy shifts and configuration mixing in the $A=15$ quartet. <i>Physical Review C</i> , 2005, 72, .	2.9	16
60	^{18}Na : Mass excess and low-lying states. <i>Physical Review C</i> , 2005, 72, .	2.9	17
61	Low-lying levels of ^9B . <i>Physical Review C</i> , 2004, 70, .	2.9	15
62	Configuration of $^{13}\text{B}(g.s.)$. <i>Physical Review C</i> , 2003, 68, .	2.9	18
63	^{22}Mg and the $^{21}\text{Na}(p, ^3\text{He})$ reaction rate. <i>Physical Review C</i> , 2003, 68, .	2.9	8
64	Properties of states at $7 \leq 8$ MeV in ^{18}Ne . <i>Physical Review C</i> , 2003, 68, .	2.9	6
65	Width of $^{12}\text{O}(g.s.)$. <i>Physical Review C</i> , 2003, 68, .	2.9	8
66	Structure of ^{16}Ne ground state. <i>Physical Review C</i> , 2002, 66, .	2.9	12
67	$2p_{3/2}$ strength in $^{40,41}\text{Sc}$ and the $^{39}\text{Ca}(p, ^3\text{He})$ reaction rate. <i>Physical Review C</i> , 2002, 65, .	2.9	10
68	Energies and widths of $T=3/2$ states in $A=11$ nuclei. <i>Physical Review C</i> , 2001, 64, .	2.9	16
69	Comment on "Stellar Reactions with Short-Lived Nuclei: $^{17}\text{O}(p, ^3\text{He})^{14}\text{O}$ ". <i>Physical Review Letters</i> , 2000, 84, 1635-1635.	7.8	10
70	β^- for $^{19}\text{Ne}(p, ^3\text{He})^{20}\text{Na}(2.64 \text{ MeV})$. <i>Physical Review C</i> , 2000, 61, .	2.9	14
71	Gamow-Teller strength in (n,p) charge exchange on ^{31}P . <i>Physical Review C</i> , 1999, 59, 789-795.	2.9	6
72	Structure of ^{12}Be and ^{12}O ground states. <i>Physical Review C</i> , 1999, 60, .	2.9	54

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73	Coulomb energies in ^{18}Ne . Physical Review C, 1998, 58, 3292-3294.	2.9	32
74	Pion-nucleus elastic scattering on ^{12}C , ^{40}Ca , ^{90}Zr , and ^{208}Pb at 400 and 500 MeV. Physical Review C, 1997, 55, 2533-2540.	2.9	16
75	Energies and widths of low-lying levels in ^{11}Be and ^{11}N . Physical Review C, 1995, 51, 3023-3025.	2.9	30
76	$^{9}\text{Be}(t,p)^{11}\text{Be}$ and the structure of ^{11}Be . Physical Review C, 1990, 42, 167-173.	2.9	61
77	Three-state mixing among 0^+ states in even Cd isotopes. Physical Review C, 1988, 38, 2047-2051.	2.9	11
78	^{114}Cd from $^{112}\text{Cd}(t,p)$. Physical Review C, 1988, 37, 2334-2339.	2.9	11
79	Coexistence in the even zinc isotopes. Physical Review C, 1988, 37, 556-570.	2.9	13
80	Coexistence and $B(E2)$ in even Ge nuclei. Physical Review C, 1987, 36, 2584-2589.	2.9	26
81	Distribution of proton spectroscopic strengths in the odd-A Rb isotopes. Physical Review C, 1987, 35, 2033-2048.	2.9	16
82	Determination of coexistence wave functions from two-neutron transfer data. Journal of Mathematical Physics, 1986, 27, 633-644.	1.1	10
83	Alpha stripping and pickup to even Ge nuclei. Physical Review C, 1985, 31, 853-857.	2.9	14
84	Coexistence in Ge isotopes and two-neutron transfer. Physical Review C, 1984, 30, 1293-1299.	2.9	30
85	Distribution of 0^+ strength in Ge(t,p) reactions. Physical Review C, 1984, 29, 1699-1702.	2.9	21
86	$^{12}\text{C}(t,p)$ and the ground state of ^{14}C . Physical Review C, 1982, 25, 1-4.	2.9	35
87	Comment on rotational bands in ^{20}Ne . Lettere Al Nuovo Cimento Rivista Internazionale Della Societ� Italiana Di Fisica, 1978, 21, 502-504.	0.4	1
88	$(sd)^2$ States in ^{14}C , ^{16}O . Physical Review Letters, 1978, 40, 1236-1239.	7.8	66
89	Structure of low-lying positive-parity states of ^{18}O . Physical Review C, 1976, 14, 1245-1263.	2.9	104
90	Spectroscopic Factors for $T=3/2$ States in $A=19$ Nuclei. Physical Review C, 1971, 4, 1994-1997.	2.9	4

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91	New Method for Distorted-Wave Analysis of Stripping to Unbound States. Physical Review C, 1970, 2, 782-792.	2.9	178