

H T Fortune

List of Publications by Year in descending order

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91
papers

1,349
citations

430874

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395702

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91
all docs

91
docs citations

91
times ranked

543
citing authors

#	ARTICLE	IF	CITATIONS
1	New Method for Distorted-Wave Analysis of Stripping to Unbound States. Physical Review C, 1970, 2, 782-792.	2.9	178
2	Structure of low-lying positive-parity states of O^{18} . Physical Review C, 1976, 14, 1245-1263.	2.9	104
3	$(sd)^2$ States in $C^{14,16}$. Physical Review Letters, 1978, 40, 1236-1239.	7.8	66
4	$Be^9(t,p)^{11}Be$ and the structure of Be^{11} . Physical Review C, 1990, 42, 167-173.	2.9	61
5	Structure of ^{12}Be and ^{12}O ground states. Physical Review C, 1999, 60, .	2.9	54
6	$C^{12}(t,p)$ and the ground state of C^{14} . Physical Review C, 1982, 25, 1-4.	2.9	35
7	Coulomb energies in ^{18}Ne . Physical Review C, 1998, 58, 3292-3294.	2.9	32
8	Excited $0^+, T=2$ states in Be^{12}, C^{12} , and O^{12} . Physical Review C, 2006, 74, .	2.9	32
9	Coexistence in Ge isotopes and two-neutron transfer. Physical Review C, 1984, 30, 1293-1299.	2.9	30
10	Energies and widths of low-lying levels in Be^{11} and N^{11} . Physical Review C, 1995, 51, 3023-3025.	2.9	30
11	Coexistence and $B(E2)$ in even Ge nuclei. Physical Review C, 1987, 36, 2584-2589.	2.9	26
12	Constraints on energies of $F^{15}(g.s.), O^{15}(12^+, T=32)$, and $F^{16}(0^+, T=2)$. Physical Review C, 2006, 74, .	2.9	26
13	Structure of $2^+, T=2$ states in $A=12$ nuclei. Physical Review C, 2011, 83, .	2.9	23
14	Matter radii and wave function admixtures in $2n$ halo nuclei. European Physical Journal A, 2012, 48, 1.	2.5	22
15	Distribution of 0^+ strength in $Ge(t,p)$ reactions. Physical Review C, 1984, 29, 1699-1702.	2.9	21
16	Constraints on energy of $B^9(1/2^+)$ and $C^{10}(0^+)$. Physical Review C, 2006, 73, .	2.9	20
17	Proton and alpha spectroscopic factors for states at $6.4 \leq 7.5$ MeV in Ne^{19} . Physical Review C, 2006, 73, .	2.9	19
18	Two-proton decay energy and width of ^{19}Mg ($g.s.$). Physical Review C, 2007, 76, .	2.9	19

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19	Configuration of ^{13}B (g.s.). Physical Review C, 2003, 68, .	2.9	18
20	Coulomb energies in ^{17}Ne and the ground state mass of ^{18}Na . Physical Review C, 2006, 73, .	2.9	18
21	^{18}Na : Mass excess and low-lying states. Physical Review C, 2005, 72, .	2.9	17
22	Neutron widths and configuration mixing in ^{11}Be . Physical Review C, 2011, 83, .	2.9	17
23	Distribution of proton spectroscopic strengths in the odd- A Rb isotopes. Physical Review C, 1987, 35, 2033-2048.	2.9	16
24	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
25	Energies and widths of $T=32$ states in $A=11$ nuclei. Physical Review C, 2001, 64, .	2.9	16
26	Energy shifts and configuration mixing in the $A=15$ quartet. Physical Review C, 2005, 72, .	2.9	16
27	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
28	Low-lying levels of ^9B . Physical Review C, 2004, 70, .	2.9	15
29	Alpha stripping and pickup to even Ge nuclei. Physical Review C, 1985, 31, 853-857.	2.9	14
30	^3He for $^{19}\text{Ne}(p, ^3\text{He})^{20}\text{Na}$ (2.64 MeV). Physical Review C, 2000, 61, .	2.9	14
31	Coulomb energies in ^{16}Ne and low-lying levels of ^{17}Na . Physical Review C, 2010, 82, .	2.9	14
32	Coexistence in the even zinc isotopes. Physical Review C, 1988, 37, 556-570.	2.9	13
33	Neutron decays of $^{13}\text{Be}^*$ to the 0_2^+ state of ^{12}Be . Physical Review C, 2010, 82, .	2.9	13
34	Structure of ^{16}Ne ground state. Physical Review C, 2002, 66, .	2.9	12
35	Lowest negative-parity states in ^{12}C . Physical Review C, 2014, 89, .	2.9	12
36	Coexistence and $B(E2)$ values in ^{72}Ge . Physical Review C, 2016, 94, .	2.9	12

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37	Structure of exotic light nuclei: $Z = 2, 3, 4$. European Physical Journal A, 2018, 54, 1.	2.5	12
38	Observation of the near-threshold intruder 0^+ resonance in ^{12}C . Physical Review C , 2021, 103, .	2.9	12
39	Three-state mixing among 0^+ states in even Cd isotopes. Physical Review C , 1988, 38, 2047-2051.	2.9	11
40	^{114}Cd from $^{112}\text{Tl}(p)$. Physical Review C , 1988, 37, 2334-2339.	2.9	11
41	New calculations of matter radii for neutron-rich C nuclei. European Physical Journal A, 2011, 47, 1.	2.5	11
42	Shape coexistence and mixing in ^{96}Zr . Physical Review C , 2017, 95, .	2.9	11
43	Determination of coexistence wave functions from two-neutron transfer data. $\text{Journal of Mathematical Physics}$, 1986, 27, 633-644.	1.1	10
44	Comment on "Stellar Reactions with Short-Lived Nuclei: $^{17}\text{O}(p, n)^{14}\text{O}$ ". $\text{Physical Review Letters}$, 2000, 84, 1635-1635.	7.8	10
45	$2p_{3/2}$ strength in $^{40,41}\text{Sc}$ and the $^{39}\text{Ca}(p, n)^{39}\text{K}$ reaction rate. Physical Review C , 2002, 65, .	2.9	10
46	Energy and width of the excited 0^+ state in ^{12}O . Physical Review C , 2010, 82, .	2.9	9
47	Update on energy and width of ^{19}Mg (g.s.). Physical Review C , 2011, 83, .	2.9	9
48	Update on ^{12}O (g.s.) width for simultaneous $2p$ decay. $\text{Journal of Physics G: Nuclear and Particle Physics}$, 2013, 40, 055102.	3.6	9
49	Structure of ^{11}Li (g.s.) and an excited $3/2^+$ state. Physical Review C , 2015, 91, .	2.9	9
50	^{22}Mg and the $^{21}\text{Na}(p, n)^{21}\text{Mg}$ reaction rate. Physical Review C , 2003, 68, .	2.9	8
51	Width of ^{12}O (g.s.). Physical Review C , 2003, 68, .	2.9	8
52	Nuclear structure and band mixing in ^{194}Pt . Physical Review C , 2021, 103, .	2.9	8
53	Structure of ^{12}O (g.s.) and an excited $3/2^+$ state. Physical Review C , 2015, 91, .	2.9	7
54	Nature of the $E_n = 1.24$ MeV state in ^{12}Be . European Physical Journal A, 2016, 52, 1.	2.5	7

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55	Gamow-Teller strength in (n,p) charge exchange on ^{31}P . Physical Review C, 1999, 59, 789-795.	2.9	6
56	Properties of states at $7\text{--}8\text{ MeV}$ in ^{18}Ne . Physical Review C, 2003, 68, .	2.9	6
57	Properties of the lowest $1/2^+, T=3/2$ states in $A=11$ nuclei. Physical Review C, 2012, 85, .	2.9	6
58	Properties of 3.89/3.96-MeV states in ^{11}Be . Physical Review C, 2012, 86, .	2.9	6
59	Potential-model estimate of the mass of ^{11}O (g.s.). Physical Review C, 2013, 88, .	2.9	6
60	Widths and structure of unbound states in ^{12}Be . Physical Review C, 2016, 93, .	2.9	6
61	Matter radii and configuration mixing in $^{15-19}\text{C}$. European Physical Journal A, 2018, 54, 1.	2.5	6
62	Band mixing and structure of ^{106}Pd and ^{108}Pd . Physical Review C, 2018, 98, .	2.9	5
63	Coexistence and $2n$ transfer in even Zr nuclei. Physical Review C, 2019, 100, .	2.9	5
64	Structure of rotational bands in ^{109}Rh and ^{109}Ag . Physical Review C, 2021, 104, .	2.9	5
65	Spectroscopic Factors for $T=3/2$ States in $A=19$ Nuclei. Physical Review C, 1971, 4, 1994-1997.	2.9	4
66	Concerning positive-parity collective states in ^{18}O . European Physical Journal A, 2012, 48, 1.	2.5	4
67	Matter radii of $^{17-24}\text{O}$. European Physical Journal A, 2013, 49, 1.	2.5	4
68	Splitting of strengths in neutron removal from ^{13}O . Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 115102.	3.6	4
69	Mixing of higher- J states in ^{72}Ge . Physical Review C, 2017, 95, .	2.9	4
70	Band mixing in $^{74, 76, 78}\text{Kr}$. European Physical Journal A, 2018, 54, 1.	2.5	4
71	Band mixing in ^{154}Gd . European Physical Journal A, 2018, 54, 1.	2.5	4
72	Coexistence and mixing in ^{76}Se . Physical Review C, 2019, 99, .	2.9	4

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73	Lowest(sd)2states in odd-Alight nuclei. Physical Review C, 2015, 91, .	2.9	3
74	Mirror states in Li9 and C9. Physical Review C, 2019, 100, .	2.9	3
75	Coexistence and mixing in ^{182}Hg and ^{184}Hg . Physical Review C, 2019, 100, .	2.9	3
76	Quantum phase transitions and band mixing in ^{135}Ba . Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 125107.	3.6	3
77	States in ^{14}O and ^{14}C . Physical Review C, 2019, 100, .	2.9	2
78	Coexistence and 2α strengths. Physical Review C, 2019, 100, .	2.9	2
79	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
80	Structure of $^{16}\text{Ne}(2+, Ex=6.18\text{ MeV})$. European Physical Journal A, 2016, 52, 1.	2.5	1
81	Similarities and differences in ^{116}Sn and ^{114}Cd . Physical Review C, 2019, 100, .	2.9	1
82	Coexistence and $2n$ transfer among Mo nuclei. Physical Review C, 2019, 100, .	2.9	1
83	Proton widths and spectroscopic factors in ^{19}F at $Ex=8\text{--}11\text{ MeV}$. Physical Review C, 2020, 102, .	2.9	1
84	Decays of ^{17}O and ^{17}F . Physical Review C, 2019, 100, .	2.9	0
85	States in ^{17}C and ^{17}O . Physical Review C, 2019, 100, .	2.9	0
86	Coexistence in ^{72}Kr . Physical Review C, 2020, 102, .	2.9	0
87	Comparison of the $^{9}\text{Be}(t,p)^{11}\text{Be}$ and $^{9}\text{Be}(O18,O16)^{11}\text{Be}$ reactions. Physical Review C, 2020, 101, .	2.9	0
88	Spherical-deformed mixing in ^{94}Zr . Physical Review C, 2021, 103, .	2.9	0
89	Transfer and $2n$ transfer strengths in ^{12}Sm . Physical Review C, 2019, 100, .	2.9	0
90	Possible $3+$ state in ^{12}Be from the $^{11}\text{Be}(d,p)$ reaction. Physical Review C, 2021, 104, .	2.9	0

#	ARTICLE	IF	CITATIONS
91	Coexistence and mixing in Mo98,100. Physical Review C, 2022, 105, .	2.9	0