

K L Jones

List of Publications by Year in descending order

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112
papers

2,442
citations

236925

25
h-index

206112

48
g-index

115
all docs

115
docs citations

115
times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
37	Sensitivity studies for the weak r -process: neutron capture rates. AIP Advances, 2014, 4, .	1.3	39
38	$2\frac{1}{2}$ states populated in ^{135}Te from ^{9}Be -induced reactions with a ^{132}Sn beam. Physical Review C, 2014, 90, .	2.9	10
39	Reactions of a ^{10}Be beam on proton and deuteron targets. Physical Review C, 2013, 88, .	2.9	36
40	Single-neutron levels near the $N=82$ shell closure. , 2013, , .		0
41	Development of the superORRUBA detector array and the measurement of single particle states in ^{81}Ge . , 2013, , .		3
42	Coupling Gammasphere and ORRUBA. , 2013, , .		10
43	HRIBF studies of r -process nuclei and first results with the new SuperORRUBA detector. , 2013, , .		0
44	Transfer reaction experiments with radioactive beams: from halos to the r -process. Physica Scripta, 2013, T152, 014020.	2.5	10
45	TRANSFER REACTION EXPERIMENTS WITH FISSION FRAGMENTS. , 2013, , .		0
46	PROBING SINGLE-NEUTRON LEVELS IN $^{127,129}\text{Sn}$ VIA TRANSFER REACTIONS. , 2013, , .		1
47	NEUTRON CAPTURE RATES AND r -PROCESS NUCLEOSYNTHESIS. , 2013, , .		0
48	GAMMASPHERE AND ORRUBA: DUAL DETECTORS FOR EXPERIMENTAL STRUCTURE STUDIES. , 2013, , .		0
49	Single-neutron excitations near ^{132}Sn . , 2012, , .		0
50	^{19}Ne levels studied with the $^{18}\text{F}(d,n)^{19}\text{Ne}^*(^{18}\text{F}+p)$ reaction. Physical Review C, 2012, 85, .	2.9	14
51	Reply to "Comment on "Neutron knockout of ^{12}Be populating neutron-unbound states in ^{11}Be ". Physical Review C, 2012, 86, .	2.9	1
52	Neutron Single Particle Structure in ^{131}Sn and Direct Neutron Capture Cross Sections. Physical Review Letters, 2012, 109, 172501.	7.8	58
53	$^{26}\text{Al}+p$ elastic and inelastic scattering reactions and galactic abundances of ^{26}Al . Physical Review C, 2012, 85, .	2.9	4
54	Searching for resonances in the unbound ^6Be nucleus by using a radioactive ^7Be beam. Journal of the Korean Physical Society, 2012, 61, 1786-1791.	0.7	4

#	ARTICLE	IF	CITATIONS
73	Development of the ORRUBA Silicon Detector Array. , 2009, , .		3
74	Searching for Resonances in the Unbound Nucleus [⁶ Be. , 2009, , .		0
75	Spectroscopic study of low-lying N levels. Physical Review C, 2008, 78, .	2.9	18
76	Pygmy Dipole Strength and Neutron Skins in Exotic Nuclei. AIP Conference Proceedings, 2008, , .	0.4	1
77	DEVELOPMENT OF ORRUBA: A SILICON ARRAY FOR THE MEASUREMENT OF TRANSFER REACTIONS IN INVERSE KINEMATICS. , 2008, , .		3
78	Measurement of the 183 keV resonance in $^{17}\text{O}(p, \hat{1})^{14}\text{N}$ using a novel technique. Physical Review C, 2007, 75, .	2.9	27
79	Nuclear symmetry energy and neutron skins derived from pygmy dipole resonances. Physical Review C, 2007, 76, .	2.9	334
80	Fusion of radioactive ^{132}Sn with ^{64}Ni . Physical Review C, 2007, 75, .	2.9	49
81	Single-neutron excitations in neutron-rich ^{83}Ge and ^{85}Se . Physical Review C, 2007, 76, .	2.9	47
82	Astrophysically important ^{31}S states studied with the $^{32}\text{S}(p, d)^{31}\text{S}$ reaction. Physical Review C, 2007, 76, .	2.9	34
83	^{31}S states studied with the $^{32}\text{S}(p, d)^{31}\text{S}$ reaction. Physical Review C, 2007, 76, .	2.9	19
84	Measurements of fusion reactions induced by radioactive ^{132}Sn on ^{64}Ni . European Physical Journal: Special Topics, 2007, 150, 35-36.	2.6	0
85	Neutron-Transfer Reactions with Exotic Neutron-Rich Beams: Surrogates for Neutron-Capture Reactions. AIP Conference Proceedings, 2006, , .	0.4	1
86	Studies of Fusion Cross Sections of Te and Sn Isotopes with a ^{64}Ni Target at Energies Near and Below the Barrier. AIP Conference Proceedings, 2006, , .	0.4	0
87	Astrophysically important ^{26}Si states studied with the $^{28}\text{Si}(p, t)^{26}\text{Si}$ reaction. II. Spin of the 5.914-MeV ^{26}Si level and galactic ^{26}Al production. Physical Review C, 2006, 74, .	2.9	38
88	Developing techniques to study $A \approx 1/4$ ^{132}Sn nuclei with (d, p) reactions in inverse kinematics. European Physical Journal A, 2005, 25, 283-285.	2.5	1
89	Sub-barrier fusion induced by neutron-rich radioactive ^{132}Sn . European Physical Journal A, 2005, 25, 239-240.	2.5	0
90	Single-neutron excitations in neutron-rich $N = 51$ nuclei. European Physical Journal A, 2005, 25, 371-374.	2.5	3

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91	Studies of light neutron-rich nuclei near the drip line. European Physical Journal A, 2005, 25, 339-341.	2.5	4
92	Measurement of evaporation residue cross sections from reactions with radioactive neutron-rich beams. European Physical Journal A, 2005, 25, 241-242.	2.5	3
93	Studies Of Neutron-Rich Nuclei With (d,p) Reactions In Inverse Kinematics At The HRIBF. AIP Conference Proceedings, 2005, , .	0.4	0
94	First study of the level structure of ther-process nucleusGe83. Physical Review C, 2005, 71, .	2.9	48
95	Evidence for Pygmy and Giant Dipole Resonances inSn130andSn132. Physical Review Letters, 2005, 95, 132501.	7.8	327
96	Three-centre cluster structure in 11C and 11B. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1701-S1704.	3.6	5
97	Coulomb breakup of psd-shell neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1583-S1587.	3.6	1
98	Single-Particle Structure of Neutron-Rich Nuclei. AIP Conference Proceedings, 2004, , .	0.4	1
99	Coulomb Breakup of Neutron-Rich Oxygen Isotopes. AIP Conference Proceedings, 2004, , .	0.4	0
100	Study of theSn(d,p)124reaction in inverse kinematics close to the Coulomb barrier. Physical Review C, 2004, 70, .	2.9	23
101	SEARCHING FOR BOSON-FERMION SYMMETRIES IN NEUTRON-RICH NUCLEI. , 2004, , .		0
102	Exclusive measurement of breakup reactions with the one-neutron halo nucleus11Be. Physical Review C, 2003, 68, .	2.9	154
103	4Hedecay of excited states in14C. Physical Review C, 2003, 68, .	2.9	35
104	Search for analog molecular chain states in16C. Physical Review C, 2002, 66, .	2.9	17
105	Fragmentation of unstable neutron-rich oxygen beams. Physical Review C, 2002, 65, .	2.9	20
106	Search for molecular states in16C. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, B9-B14.	3.6	18
107	Halo Structure ofB14e. Physical Review Letters, 2001, 86, 600-603.	7.8	91
108	Breakup measurements of particle unbound states in10B. Physical Review C, 2001, 63, .	2.9	14

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109	Gamow-Teller and Fermi decay of N=Z nuclei above A=70. , 1999, , .		0
110	Structure of from the (p, d) reaction in inverse kinematics. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 755-757.	3.6	6
111	Observation of Fermi Superallowed β^+ Decays in Heavy Odd-Odd, N=Z Nuclei: Evidence for 0^+ Ground States in ^{78}Y , ^{82}b , and ^{86}c . Physical Review Letters, 1998, 81, 3337-3340.	7.8	40
112	Indication for superallowed Fermi decay from the. , 1998, , .		0