

B Jonson

List of Publications by Year in descending order

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405
papers

17,375
citations

14614

66
h-index

20307

116
g-index

409
all docs

409
docs citations

409
times ranked

4655
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Tidal Volume on Alveolar Recruitment. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 1609-1613.	2.5	824
2	The Neutron Halo of Extremely Neutron-Rich Nuclei. Europhysics Letters, 1987, 4, 409-414.	0.7	762
3	Mechanics of respiratory system in healthy anesthetized humans with emphasis on viscoelastic properties. Journal of Applied Physiology, 1993, 75, 132-140.	1.2	638
4	Nuclear Halos. Annual Review of Nuclear and Particle Science, 1995, 45, 591-634.	3.5	470
5	AGATA—Advanced GAMMA Tracking Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 668, 26-58.	0.7	378
6	Pressure—Volume Curves and Compliance in Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 1999, 159, 1172-1178.	2.5	371
7	EANM guidelines for ventilation/perfusion scintigraphy. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 1356-1370.	3.3	328
8	The essential decay of pandemonium: A demonstration of errors in complex beta-decay schemes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1977, 71, 307-310.	1.5	307
9	Light dripline nuclei. Physics Reports, 2004, 389, 1-59.	10.3	282
10	The Super-FRS project at GSI. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 71-85.	0.6	257
11	Continuum excitations in ${}^6\text{He}$. Physical Review C, 1999, 59, 1252-1262.	1.1	245
12	Invariant-mass spectroscopy of ${}^{10}\text{Li}$ and ${}^{11}\text{Li}$. Nuclear Physics A, 1997, 619, 151-176.	0.6	228
13	DEADSPACE AND THE SINGLE BREATH TEST FOR CARBON DIOXIDE DURING ANAESTHESIA AND ARTIFICIAL VENTILATION. British Journal of Anaesthesia, 1984, 56, 109-119.	1.5	221
14	Surfactant dysfunction makes lungs vulnerable to repetitive collapse and reexpansion.. American Journal of Respiratory and Critical Care Medicine, 1997, 155, 313-320.	2.5	219
15	Alveolar Derecruitment at Decremental Positive End-Expiratory Pressure Levels in Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 795-801.	2.5	212
16	Revised rates for the stellar triple- α process from measurement of ${}^{12}\text{C}$ nuclear resonances. Nature, 2005, 433, 136-139.	13.7	205
17	Direct Experimental Evidence for Strong Admixture of Different Parity States in ${}^{11}\text{Li}$. Physical Review Letters, 1999, 83, 496-499.	2.9	186
18	One-Neutron Removal Measurement Reveals ${}^{\mathbf{O}}$ as a New Doubly Magic Nucleus. Physical Review Letters, 2009, 102, 152501.	2.9	184

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19	Modes of artificial ventilation in severe respiratory distress syndrome. Lung function and morphology in rabbits after wash-out of alveolar surfactant. <i>Critical Care Medicine</i> , 1982, 10, 724-732.	0.4	179
20	Observation of forward neutrons from the break-up of the ^{11}Li neutron halo. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 250, 19-23.	1.5	175
21	Pressure-volume curves in acute respiratory failure: automated low flow inflation versus occlusion.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1997, 155, 1629-1636.	2.5	160
22	EANM guidelines for ventilation/perfusion scintigraphy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 1528-1538.	3.3	146
23	Ventilation-Perfusion SPECT for diagnostics of pulmonary embolism in clinical practice. <i>Journal of Internal Medicine</i> , 2008, 264, 379-387.	2.7	122
24	New mass relations and two- and four-nucleon correlations. <i>Nuclear Physics A</i> , 1984, 431, 393-418.	0.6	116
25	Study of the Unstable Nucleus ^{10}Li in Stripping Reactions of the Radioactive Projectiles ^{11}Li and ^{11}Li . <i>Physical Review Letters</i> , 1995, 75, 1719-1722.	2.9	115
26	Viscoelastic behavior of lung and chest wall in dogs determined by flow interruption. <i>Journal of Applied Physiology</i> , 1989, 67, 2219-2229.	1.2	114
27	Detection of neutron clusters. <i>Physical Review C</i> , 2002, 65, .	1.1	114
28	Systematic investigation of the drip-line nuclei ^{11}Li and ^{14}Be and their unbound subsystems ^{10}Li and ^{13}Be . <i>Nuclear Physics A</i> , 2007, 791, 267-302.	0.6	113
29	A method for studying the static volume-pressure curves of the respiratory system during mechanical ventilation. <i>Journal of Critical Care</i> , 1989, 4, 83-89.	1.0	111
30	Alpha decay of neutron-deficient mercury isotopes and their daughters. <i>Nuclear Physics A</i> , 1979, 318, 29-44.	0.6	102
31	Storage ring at HIE-ISOLDE. <i>European Physical Journal: Special Topics</i> , 2012, 207, 1-117.	1.2	101
32	Single-Neutron States in ^{133}n . <i>Physical Review Letters</i> , 1996, 77, 1020-1023.	2.9	100
33	Longitudinal momentum distributions of ^{16}C , ^{18}C fragments after one-neutron removal from ^{17}C , ^{19}C . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 439, 256-261.	1.5	97
34	Accelerated radioactive beams from REX-ISOLDE. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 204, 20-30.	0.6	96
35	Elastic pressure-volume curves: what information do they convey?. <i>Thorax</i> , 1999, 54, 82-87.	2.7	95
36	Beyond the neutron drip line: The unbound oxygen isotopes ^{25}O and ^{26}O . <i>Physical Review C</i> , 2013, 88, .	1.1	93

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37	Alpha-decay widths of neutron-deficient francium and astatine isotopes. Nuclear Physics A, 1974, 230, 380-392.	0.6	91
38	Rhinomanometry. Acta Oto-Laryngologica, 1982, 94, 157-168.	0.3	91
39	Halo Structure of $B^{14}e$. Physical Review Letters, 2001, 86, 600-603.	2.9	91
40	Exclusive and restricted-inclusive reactions involving the ^{11}Be one-neutron halo. Nuclear Physics A, 1994, 575, 125-154.	0.6	90
41	Two-neutron interferometry as a probe of the nuclear halo. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 476, 219-225.	1.5	90
42	The REX-ISOLDE project. , 2000, 129, 43-66.		86
43	Diagnosis of Pulmonary Embolism Based upon Alveolar Dead Space Analysis. Chest, 1989, 96, 357-362.	0.4	85
44	Dynamics of Carbon Dioxide Elimination Following Ventilator Resetting*. Chest, 1995, 108, 196-202.	0.4	85
45	The electron-ion scattering experiment ELISE at the International Facility for Antiproton and Ion Research (FAIR) – A conceptual design study. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 637, 60-76.	0.7	85
46	The strongly deformed nucleus ^{100}Sr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1979, 86, 5-8.	1.5	83
47	The beta decay of 9Li to levels in 9Be : A new look. Nuclear Physics A, 1990, 510, 189-208.	0.6	82
48	Comprehensive ventilation/perfusion SPECT. Journal of Nuclear Medicine, 2001, 42, 1288-94.	2.8	80
49	The 2p decay mechanism of Ar. Nuclear Physics A, 2000, 677, 38-60.	0.6	79
50	Lithium isotopes beyond the drip line. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 430-434.	1.5	79
51	All the fun of the FAIR: fundamental physics at the facility for antiproton and ion research. Physica Scripta, 2019, 94, 033001.	1.2	79
52	Shell Structure of the Near-Dripline Nucleus O^{23} . Physical Review Letters, 2004, 93, 062501.	2.9	78
53	Widths for s- and d-wave $^{\pm}$ -decay of neutron-deficient isotopes with $Z \leq 82$. Nuclear Physics A, 1974, 230, 365-379.	0.6	77
54	Alpha decay studies of tellurium, iodine, xenon and cesium isotopes. Nuclear Physics A, 1979, 326, 65-82.	0.6	77

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55	Study of charged particles emitted in the \hat{I}^2 -decay of $6,8\text{He}$. Nuclear Physics A, 1993, 560, 664-676.	0.6	77
56	Three-body correlations in Borromean halo nuclei. Physical Review C, 2001, 64, .	1.1	77
57	First Observation of Beta-Delayed Two-Neutron Radioactivity: $\text{Li}11$. Physical Review Letters, 1979, 43, 1652-1654.	2.9	76
58	Beta-delayed proton emission from heavy nuclei. Nuclear Physics A, 1972, 187, 609-623.	0.6	74
59	A composite bolometer as a charged-particle spectrometer. Nature, 1985, 314, 75-76.	13.7	71
60	Study of the unbound nucleus $\text{N}11$ by elastic resonance scattering. Physical Review C, 1996, 54, R1511-R1514.	1.1	71
61	Coulomb Excitation of $\text{Cu}68,70$: First Use of Postaccelerated Isomeric Beams. Physical Review Letters, 2007, 98, 122701. Quasifree ($\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 482 Td (display="in$	2.9	70
62	Reactions on Oxygen Isotopes: Observation of Isospin Independence of the Reduced Single-Particle Strength. Physical Review Letters, 2018, 120, 052501.	2.9	69
63	Alpha decay of neutron-deficient ytterbium isotopes and their daughters. Nuclear Physics A, 1977, 293, 1-9.	0.6	68
64	$8\text{He} \rightarrow 6\text{He}$: a comparative study of nuclear fragmentation reactions. Nuclear Physics A, 2001, 679, 462-480.	0.6	68
65	Evidence for a New Low-Lying Resonance State in $\text{H}7\text{e}$. Physical Review Letters, 2002, 88, 102501.	2.9	67
66	Effects of positive end-expiratory pressure on dead space and its partitions in acute lung injury. Intensive Care Medicine, 2002, 28, 1239-1245.	3.9	67
67	Neutrons from the breakup of ^{19}C . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 381, 407-412.	1.5	66
68	New results on the halo structure of B . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 452, 1-7.	1.5	66
69	Clarification of the Three-Body Decay of $^{12}\text{C}(12.71 \text{ MeV})$. Physical Review Letters, 2003, 91, 082502.	2.9	66
70	α -Coulomb Excitation of ^{30}Mg . Physical Review Letters, 2005, 94, 172501.	2.9	66
71	The unbound isotopes $^9,^{10}\text{He}$. Nuclear Physics A, 2010, 842, 15-32.	0.6	64
72	Large Spin Alignment of the Unbound ^5He Fragment after Fragmentation of 240 MeV/nucleon ^6He . Physical Review Letters, 1997, 79, 201-204.	2.9	62

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73	Experimental evidence for the 8B ground state configuration. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 529, 36-41.	1.5	62
74	Study of 10Li via the 9Li(2H,α%p) reaction at REX-ISOLDE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 449-454.	1.5	62
75	Breakup of ^{12}C resonances into three particles. Physical Review Letters, 1996, 76, 262-273.	1.1	62
76	Respiratory mechanics in patients ventilated for critical lung disease. European Respiratory Journal, 1996, 9, 262-273.	3.1	61
77	Ventilation/perfusion SPECT in chronic obstructive pulmonary disease: an evaluation by reference to symptoms, spirometric lung function and emphysema, as assessed with HRCT. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 1344-1352.	3.3	61
78	Improved Limit on Direct Decay of the Hoyle State. Physical Review Letters, 2012, 108, 202501.	2.9	61
79	Beta-decay to the proton halo state in 17F. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 317, 25-30.	1.5	60
80	Rhinomanometry. Acta Oto-Laryngologica, 1982, 94, 523-529.	0.3	59
81	Matrix analysis of decays of ^{12}C . Nuclear Physics A, 1985, 443, 283-301.	1.1	59
82	A limit on the mass of the electron neutrino: The case of 163Ho. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 113, 72-76.	1.5	57
83	Study of the giant gamow-teller resonance in nuclear ^{12}C -decay: The case of 32Ar. Nuclear Physics A, 1985, 443, 283-301.	0.6	57
84	Applications of statistical nuclear physics to nuclear spectroscopy. Nuclear Physics A, 1990, 518, 13-34.	0.6	57
85	Super-allowed beta decay of nuclei at the drip-line. Zeitschrift für Physik A, 1991, 340, 255-261.	0.9	57
86	Two-neutron removal reactions for very neutron-rich nuclei. Nuclear Physics A, 1992, 540, 365-382.	0.6	57
87	First observation of beta-delayed deuteron emission. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 30-34.	1.5	56
88	Healthy lungs tolerate repetitive collapse and reopening during short periods of mechanical ventilation. Acta Anaesthesiologica Scandinavica, 1995, 39, 370-376.	0.7	56
89	Elucidating halo structure by ^{12}C -decay: ^{12}C from the ^{11}Li decay. Physical Review C, 1997, 55, R8-R11.	1.1	56
90	Crossing the dripline to ^{11}N using elastic resonance scattering. Physical Review C, 2000, 62, .	1.1	56

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91	Beta-delayed three-neutron radioactivity of ^{11}Li . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 96, 31-34.	1.5	54
92	Invariant mass spectrum and $\hat{1}\pm$ -n correlation function studied in the fragmentation of ^6He on a carbon target. Nuclear Physics A, 1998, 633, 234-246.	0.6	54
93	Dissociation reactions of the ^{11}Be one-neutron halo. The interplay between structure and reaction mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 304, 55-59.	1.5	53
94	Beta-delayed proton emission from ^{97}Cd and ^{99}Cd . Nuclear Physics A, 1978, 304, 493-502.	0.6	52
95	Exploring the anomaly in the interaction cross section and matter radius of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mn} \rangle 23 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{O}$. Physical Review C, 2011, 84, .	1.1	52
96	Properties of the lightest known caesium isotopes $^{114}\hat{1}\hat{1}8\text{Cs}$. Nuclear Physics A, 1978, 301, 397-410.	0.6	50
97	Is there neutron-proton pairing in medium heavy nuclei?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 139, 227-230.	1.5	50
98	Properties of the ^7He ground state from ^8He neutron knockout. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 191-196.	1.5	50
99	Searching for the 5H resonance in the $t+n+n$ system. Nuclear Physics A, 2003, 723, 13-31.	0.6	48
100	The $N = Z$ nuclide ^{74}Rb with $T, \hat{1}\hat{1}\hat{1} = 1, 0^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1977, 66, 233-235.	1.5	47
101	Three-body correlations in the decay of ^{10}He and ^{13}Li . Nuclear Physics A, 2010, 847, 66-88.	0.6	47
102	The essential decay of pandemonium: $\hat{1}^2$ -delayed neutrons. Nuclear Physics A, 1978, 305, 15-28.	0.6	44
103	Halo and halo excitations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1998, 356, 2063-2081.	1.6	43
104	A single computer-controlled mechanical insufflation allows determination of the pressure-volume relationship of the respiratory system. Journal of Clinical Monitoring and Computing, 1999, 15, 9-16.	0.7	42
105	Nuclear and Coulomb breakup of B . Nuclear Physics A, 2003, 720, 3-19.	0.6	42
106	Pressure-Dependent Variation in Volume of Mucosal Lining of The Middle Ear. Acta Oto-Laryngologica, 1976, 81, 442-449.	0.3	41
107	^{11}Li structure from experimental data. Nuclear Physics A, 2009, 825, 175-199.	0.6	41
108	Precise branching ratios to unbound ^{12}C states from ^{12}N and ^{12}B $\hat{1}^2$ -decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 459-464.	1.5	41

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109	Exclusive measurements of quasi-free proton scattering reactions in inverse and complete kinematics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 753, 204-210.	1.5	41
110	Delayed neutron emission probabilities of ^9Li and ^{11}Li . <i>Nuclear Physics A</i> , 1981, 359, 1-8.	0.6	40
111	Observation of $\hat{\tau}^2$ -delayed triton emission. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984, 146, 176-178.	1.5	40
112	Projectile Coulomb excitation with fast radioactive beams. <i>Zeitschrift für Physik A</i> , 1995, 352, 397-401.	0.9	40
113	Beta decay of ^{31}Ar . <i>Nuclear Physics A</i> , 1998, 634, 475-496.	0.6	40
114	Properties of the ^{12}C 10 MeV state determined through $\hat{\tau}^2$ -decay. <i>Nuclear Physics A</i> , 2005, 760, 3-18.	0.6	40
115	Beta-delayed proton emission from heavy nuclei. <i>Nuclear Physics A</i> , 1972, 187, 599-608.	0.6	39
116	Observation of the $^{11}\text{Li}(\hat{\tau}^2\text{d})$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 367, 65-69.	1.5	39
117	One-nucleon removal cross-sections for ^{17}C and ^{18}C . <i>European Physical Journal A</i> , 2001, 10, 49-56.	1.0	39
118	Decay of ^{32}Ar nucleus: Argon-32. <i>Physical Review Letters</i> , 1977, 39, 792-795.	2.9	38
119	Longitudinal and transverse momentum distributions of ^9Li fragments from break-up of ^{11}Li . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 347, 198-204.	1.5	38
120	Effects of recruitment of collapsed lung units on the elastic pressure-volume relationship in anaesthetised healthy adults. <i>Acta Anaesthesiologica Scandinavica</i> , 1998, 42, 1149-1156.	0.7	38
121	Properties of neutron-deficient odd-mass polonium isotopes. <i>Nuclear Physics A</i> , 1971, 174, 225-250.	0.6	37
122	Beta-delayed proton emission from ^{115}Xe and ^{117}Xe . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1971, 34, 591-593.	1.5	37
123	The doubly closed shell nucleus ^{132}Sn . <i>Nuclear Physics A</i> , 1986, 453, 463-485.	0.6	37
124	Probing the ^{11}Li halo structure through $\hat{\tau}^2$ -decay into the $^{11}\text{Be}^-(18\text{ MeV})$ state. <i>Nuclear Physics A</i> , 1997, 613, 199-208.	0.6	37
125	$^8\text{He} \rightarrow ^6\text{He}$: a comparative study of electromagnetic fragmentation reactions. <i>Nuclear Physics A</i> , 2002, 700, 3-16.	0.6	37
126	On the β -decay of ^{12}C . <i>Nuclear Physics A</i> , 2001, 692, 427-450.	0.6	36

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127	Structure of ^{33}Mg sheds new light on the island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 605, 253-257.	1.5	36
128	ISOLDE past, present and future. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 044011.	1.4	36
129	Beta-strength functions of neutron-deficient isotopes in the xenon and mercury regions. Nuclear Physics A, 1975, 239, 15-28.	0.6	35
130	Pulmonary clearance of inhaled $^{99\text{m}}\text{Tc}$ -DTPA: effect of the detergent dioctyl sodium sulfosuccinate in aerosol. Clinical Physiology, 1988, 8, 105-111.	0.7	35
131	The ^{22}Ne System and ^{20}Ne . Physical Review Letters, 2003, 91, 162504.	2.9	35
132	First Observation of the Unbound Nucleus ^{20}Ne . Physical Review Letters, 2003, 91, 162504.	2.9	35
133	One-neutron knockout reaction data from ^{13}Be : analyzed in a holistic approach. Physical Review C, 2013, 87, 014602.	1.1	34
134	New targets for on-line mass separation of nuclei formed in 600 MeV proton and 910 MeV ^3He reactions. Nuclear Instruments & Methods in Physics Research, 1981, 186, 391-400.	0.9	33
135	The ^{49}K beta decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 109, 419-422.	1.5	33
136	^{11}Be stretchy="false"> (^{10}Be) 2 p (^{10}Be) Tj ETQq0 0 0 rgBT /Overlock	1.5	33
137	Alpha decay studies of new neutron-deficient francium isotopes and their daughters. Zeitschrift für Physik A, 1980, 296, 223-228.	1.4	32
138	Limits on Neutrino-Mixing from the Internal Bremsstrahlung Spectrum of ^{125}I . Physica Scripta, 1986, 34, 591-596.	1.2	32
139	Halo excitations in fragmentation of He at 240 MeV/u on carbon and lead targets. Nuclear Physics A, 2000, 669, 51-64.	0.6	32
140	Large asymmetry in the strongest 2 -transition for $A=9$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 55-61.	1.5	32
141	Three-body correlations in electromagnetic dissociation of Borromean nuclei: The ^6He case. Nuclear Physics A, 2005, 759, 23-42.	0.6	32
142	Matter radii of ^{32}Mg and ^{35}Mg . Physical Review C, 2011, 83, 014602.	1.1	32
143	A Method for Determination of Pulmonary Elastic Recoil and Resistance at a Regulated Flow Rate. Scandinavian Journal of Clinical and Laboratory Investigation, 1969, 24, 115-125.	0.6	31
144	Beta-delayed two-neutron emission from $^{30,31,32}\text{Na}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 94, 307-309.	1.5	31

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145	Elastic properties of the lung and the chest wall in young and adult healthy pigs. <i>European Respiratory Journal</i> , 2001, 17, 703-711.	3.1	31
146	New information on the \hat{I}^2 -decay of ^{11}Li from Doppler broadened \hat{I}^3 lines. <i>Nuclear Physics A</i> , 2004, 736, 39-54.	0.6	31
147	Staggering of the moments of inertia of very neutron-deficient platinum isotopes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1978, 78, 44-47.	1.5	30
148	The alpha decay of ^{179}Hg and ^{178}Hg . <i>Nuclear Physics A</i> , 1971, 160, 445-448.	0.6	29
149	Search for rotational fine structure in the nucleus ^{184}Hg . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1973, 43, 377-379.	1.5	29
150	Determination of the electron-neutrino mass from experiments on electron-capture beta decay. <i>Nuclear Physics A</i> , 1983, 396, 479-493.	0.6	29
151	First radioactive ions charge bred in REXEBIS at the REX-ISOLDE accelerator. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 204, 428-432.	0.6	29
152	A Servo-controlled Ventilator Measuring Expired Minute Volume, Airway Flow and Pressure. <i>Acta Anaesthesiologica Scandinavica</i> , 1972, 16, 7-27.	0.7	28
153	Online measurement of gas exchange during cardiac surgery. <i>Acta Anaesthesiologica Scandinavica</i> , 1986, 30, 295-299.	0.7	28
154	E1 strength function for two-neutron halo nuclei in an analytical three-body approach. <i>Journal of Physics C: Nuclear and Particle Physics</i> , 1996, 22, L95-L98.	1.4	28
155	Elastic pressure-volume curves of the respiratory system reveal a high tendency to lung collapse in young pigs. <i>Intensive Care Medicine</i> , 1999, 25, 1140-1146.	3.9	28
156	Aspiration of dead space allows isocapnic low tidal volume ventilation in acute lung injury. Relationships to gas exchange and mechanics. <i>Intensive Care Medicine</i> , 2001, 27, 1496-1503.	3.9	28
157	Momentum profile analysis in one-neutron knockout from Borromean nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 1309-1313.	1.5	28
158	Anaesthetic conserving device AnaConDa \hat{A}° : dead space effect and significance for lung protective ventilation. <i>British Journal of Anaesthesia</i> , 2014, 113, 508-514.	1.5	28
159	Shifts in xenon K X-ray energies following electron-capture beta decay and the role of nuclear hyperfine structure. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1977, 63, 15-18.	0.9	27
160	Factors limiting exercise performance in progressive systemic sclerosis. <i>Seminars in Arthritis and Rheumatism</i> , 1983, 13, 174-181.	1.6	27
161	Study of the Giant Gamow-Teller Resonance in nuclear beta decay: the case of ^{33}Ar . <i>Physica Scripta</i> , 1987, 36, 218-223.	1.2	27
162	Two-proton emission in the decay of ^{31}Ar . <i>Nuclear Physics A</i> , 1998, 628, 345-362.	0.6	27

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163	Carbon dioxide rebreathing with the anaesthetic conserving device, AnaConDa Â®. British Journal of Anaesthesia, 2012, 109, 279-283.	1.5	27
164	Neutron Momentum Distributions from α -Core Break-Up Reactions of Halo Nuclei. Europhysics Letters, 1995, 30, 19-24.	0.7	26
165	Two- and three-body correlations: breakup of halo nuclei. Nuclear Physics A, 2004, 734, 323-326.	0.6	26
166	Experimental study of bound states in ^{12}Be through low-energy ^{11}Be through		

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182	New information on \hat{I}^2 -delayed neutron emission from $^{12,14}\text{Be}$. Nuclear Physics A, 1999, 658, 129-145.	0.6	23
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