

Jouni Suhonen

List of Publications by Year in descending order

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249
papers

7,874
citations

44069

48
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66911

78
g-index

252
all docs

252
docs citations

252
times ranked

1819
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear matrix elements for neutrinoless $\beta\beta$ decays and spin-dipole giant resonances. Physical Review C, 2022, 105, .	2.9	19
2	High-precision Q-value measurement and nuclear matrix element calculations for the double- β decay of ^{98}Mo . European Physical Journal A, 2022, 58, 1.	2.5	2
3	High-precision measurement of a low Q value for allowed β^+ -decay of ^{131}I related to neutrino mass determination. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137135.	4.1	7
4	The first large-scale shell-model calculation of the two-neutrino double beta decay of ^{76}Ge to the excited states in ^{76}Se . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 831, 137170.	4.1	3
5	Shell Model Description of Spin-Dependent Elastic and Inelastic WIMP Scattering off ^{119}Sn and ^{121}Sb . Universe, 2022, 8, 309.	2.5	0
6	High-precision electron-capture Q value measurement of ^{111}In for electron-neutrino mass determination. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137226.	4.1	5
7	Confirmation of the atomic mass difference of the pairs ^{76}Ge and ^{76}Zn . Physical Review Letters, 2021, 126, 172501.	2.9	6
8	Observation of an ultralow-Q electron-capture channel decaying to ^{75}Ge from ^{75}As . Physical Review Letters, 2021, 126, 172502.	2.9	9
9	Estimated solar-neutrino capture rates of ^{131}Xe : implications for multi-tonne Xe-based experiments. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 045102.	3.6	0
10	Comparative Analysis of Nuclear Matrix Elements of $0^+ \rightarrow 1^+ + 2^+$ Decay and Muon Capture in ^{106}Cd . Frontiers in Physics, 2021, 9, .	2.1	4
11	First microscopic evaluation of spin-dependent WIMP-nucleus scattering off ^{183}W . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136275.	4.1	1
12	Direct measurement of the mass difference of ^{72}Ge and ^{72}Zn . Physical Review Letters, 2021, 126, 172503.	2.9	12
13	Search for forbidden/nonunique $\beta\beta$ decays of ^{59}Fe and ^{60}Fe as possible candidates for g_{A} sensitive electron spectral-shape measurements. European Physical Journal A, 2021, 57, 1.	2.5	9
14	A novel experimental system for the KDK measurement of the 40K decay scheme relevant for rare event searches. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1012, 165593.	1.6	4
15	Confirmation of g_{A} quenching using the revised spectrum-shape method for the analysis of the ^{113}Cd β^+ -decay as measured with the COBRA demonstrator. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136652.	4.1	9
16	Search for periodic modulations of the rate of double- β decay of ^{100}Mo in the NEMO-3 detector. Physical Review Letters, 2021, 126, 172504.	2.9	0
17	Display="inline" $Q_{\text{EC}}(^{104}\text{Dy})$ Electron-Capture: A New Candidate for Neutrino Mass Determination. Physical Review Letters, 2021, 127, 272301.	7.8	15
18	Quenching of g_{A} deduced from the β^+ -spectrum shape of ^{113}Cd measured with the COBRA experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135092.	4.1	21

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19	Three beta-decaying states in ^{128}In and ^{130}In resolved for the first time using Penning-trap techniques. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 808, 135642.	4.1	18
20	Comparative analysis of muon-capture and β -decay matrix elements. <i>Physical Review C</i> , 2020, 102, .	2.9	17
21	Neutrinoless double-electron capture. <i>Reviews of Modern Physics</i> , 2020, 92, .	45.6	36
22	Improved calculations of β -decay backgrounds to new physics in liquid xenon detectors. <i>Physical Review C</i> , 2020, 102, .	2.9	24
23	Solar neutrino detection in liquid xenon detectors via charged-current scattering to excited states. <i>Physical Review D</i> , 2020, 102, .	4.7	12
24	Second-forbidden nonunique β -decays of ^{24}Na and ^{24}Mg . <i>Physical Review C</i> , 2020, 102, .	2.9	16
25	High-Precision β -Decay of ^{135}Cs . <i>Physical Review C</i> , 2020, 101, .	2.9	6
26	Value Measurement Confirms the Potential of ^{135}Cs . <i>Physical Review C</i> , 2020, 101, .	2.9	14
27	Calculated solar-neutrino capture rate for a radiochemical $\text{Tl}205$ -based solar-neutrino detector. <i>Physical Review C</i> , 2020, 101, .	2.9	3
28	Search for the double-beta decay of ^{82}Se to the excited states of ^{82}Kr with NEMO-3. <i>Nuclear Physics A</i> , 2020, 996, 121701.	1.5	5
29	Consistent large-scale shell-model analysis of the two-neutrino $\beta\beta$ and single β branchings in ^{48}Ca and ^{96}Zr . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 802, 135192.	4.1	11
30	Muon-capture strength functions in intermediate nuclei of ^{135}Cs decays. <i>Physical Review C</i> , 2019, 100, .	2.9	12
31	The gallium anomaly revisited. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 795, 542-547.	4.1	47
32	Nuclear responses for double beta decay and muon capture. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
33	Neutrino-nuclear responses and the effective value of weak axial coupling. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
34	Effective axial-vector strength within proton-neutron deformed quasiparticle random-phase approximation. <i>Physical Review C</i> , 2019, 100, .	2.9	3
35	Double β Decay and the Axial Strength. <i>Frontiers in Physics</i> , 2019, 7, .	2.1	25
36	Dark-matter detector observes exotic nuclear decay. <i>Nature</i> , 2019, 568, 462-463.	27.8	0

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37	Spin-dependent WIMP-nucleus scattering off ^{125}Te , ^{129}Xe , and ^{131}Xe in the microscopic interacting boson-fermion model. <i>Nuclear Physics A</i> , 2019, 992, 121624.	1.5	6
38	Charged-current neutrino-nucleus scattering off Xe isotopes. <i>Physical Review C</i> , 2019, 99, .	2.9	7
39	Pinning down the strength function for ordinary muon capture on ^{100}Mo . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 794, 143-147.	4.1	25
40	Detailed studies of ^{100}Mo two-neutrino double beta decay in NEMO-3. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	46
41	Neutral-current supernova-neutrino cross sections for $\text{Pb}^{204,206,208}$ calculated by Skyrme quasiparticle random-phase approximation. <i>Physical Review C</i> , 2019, 99, .	2.9	8
42	First-forbidden transitions in reactor antineutrino spectra. <i>Physical Review C</i> , 2019, 99, .	2.9	28
43	Ordinary muon capture studies for the matrix elements in $\langle m \hat{H}^2 m \rangle$ decay. <i>Physical Review C</i> , 2019, 99, .	2.9	19
44	Anomalies and sterile neutrinos " Implications of new theoretical results. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
45	First-forbidden transitions in the reactor anomaly. <i>Physical Review C</i> , 2019, 100, .	2.9	45
46	Measurement of the $\langle m \hat{H}^2 m \rangle$ ground-state transition in the $\langle m \hat{H}^2 m \rangle$ decay of ^{12}C . <i>Physical Review C</i> , 2019, 100, .	2.9	19
47	Decay transition of ^{12}C . <i>Physical Review C</i> , 2019, 100, .	7.8	36
48	High-precision mass measurements and production of neutron-deficient isotopes using heavy-ion beams at IGISOL. <i>Physical Review C</i> , 2019, 100, .	2.9	9
49	Neutrino " nuclear responses for astro-neutrinos, single beta decays and double beta decays. <i>Physics Reports</i> , 2019, 797, 1-102.	25.6	161
50	Beta-spectrum shapes of forbidden \hat{H}^2 decays. <i>International Journal of Modern Physics A</i> , 2018, 33, 1843008.	1.5	8
51	Estimating the flux of the 14.4 keV solar axions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 021-021.	5.4	10
52	Shell-model computed cross sections for charged-current scattering of astrophysical neutrinos off ^{40}Ar . <i>Physical Review C</i> , 2018, 97, .	2.9	10
53	Spectral shapes of forbidden ^{40}Ar decays as background component for rare-event searches. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018, 45, 025202.	3.6	3
54	Effective value of g_A in \hat{H}^2 and $\hat{H}^2 \hat{H}^2$ decays. <i>Journal of Physics: Conference Series</i> , 2018, 1056, 012056.	0.4	3

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55	Neutral-Current Neutrino-Nucleus Scattering off Xe Isotopes. <i>Advances in High Energy Physics</i> , 2018, 2018, 1-11.	1.1	13
56	Muon-electron lepton-flavor-violating transitions: Shell-model calculations of transitions in Al27. <i>Physical Review C</i> , 2018, 98, .	2.9	2
57	Final results on ${}^{82}\text{Se}$ double beta decay to the ground state of ${}^{82}\text{Kr}$ from the NEMO-3 experiment. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	39
58	Neutrinoless nuclear matrix elements using isovector spin-dipole data. <i>Physical Review C</i> , 2018, 98, .	2.9	29
59	Mesonic enhancement of the weak axial charge and its effect on the half-lives and spectral shapes of first-forbidden $J^{\pi} = 1^{\pi}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 781, 480-484.	4.1	18
60	Quenching of the Weak Axial-vector Coupling Strength in β Decays. <i>Acta Physica Polonica B</i> , 2018, 49, 237.	0.8	5
61	Spin-multipole nuclear matrix elements in the random-phase approximation: Implications for β and $\beta\beta$ decays. <i>Physical Review C</i> , 2017, 95, .	2.9	13
62	Spectrum-shape method and the next-to-leading-order terms of the $\beta\beta$ -decay shape factor. <i>Physical Review C</i> , 2017, 95, .	2.9	45
63	and low-lying Gamow-Teller functions in the mass range $70 < A < 150$. <i>Physical Review C</i> , 2017, 95, .	2.9	13
64	In-beam β -ray spectroscopy of low- and medium-spin levels in Po211. <i>Physical Review C</i> , 2017, 96, .	2.9	0
65	β -driven shapes of electron spectra of forbidden decays in the nuclear shell model. <i>Physical Review C</i> , 2017, 96, .	2.9	29
66	Isovector spin-multipole strength distributions in double- β -decay triplets. <i>Physical Review C</i> , 2017, 96, .	2.9	12
67	Search for Neutrinoless Quadruple- β Decay of ${}^{150}\text{Nd}$. <i>Physical Review C</i> , 2017, 95, .	7.8	12
68	Experimental study of ${}^{100}\text{Tc}$ β decay with total absorption β -ray spectroscopy. <i>Physical Review C</i> , 2017, 96, .	2.9	15
69	Impact of the quenching of g_A on the sensitivity of $\beta\beta$ decays. <i>Physical Review C</i> , 2017, 95, .	2.9	49
70	Electron spectra in forbidden $\beta\beta$ decays and the quenching of the weak axial-vector coupling constant g_A . <i>Physical Review C</i> , 2017, 95, .	2.9	38
71	Charge-exchange reactions on double- β decaying nuclei populating ${}^{150}\text{Nd}$. <i>Physical Review D</i> , 2017, 95, .	2.9	39
72	Charge-exchange reactions on double- β decaying nuclei populating ${}^{150}\text{Nd}$. <i>Physical Review D</i> , 2017, 95, .	2.9	15

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73	Electron spectra of forbidden \hat{I}^2 decays and the effective value of the axial-vector coupling constant g_A . AIP Conference Proceedings, 2017, , .	0.4	0
74	Analysis of the Intermediate-State Contributions to Neutrinoless Double \hat{I}^2 Decays. Advances in High Energy Physics, 2016, 2016, 1-13.	1.1	10
75	Magnetic Hexadecapole $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Transitions and Neutrino-Nuclear Responses in Medium-Heavy Nuclei. Advances in High Energy Physics, 2016, 2016, 1-8.	1.1	8
76	Collective 2+ 1 excitations in 206Po and 208,210Rn. European Physical Journal A, 2016, 52, 1.	2.5	8
77	Combining data from high-energy pp-reactions and neutrinoless double-beta decay: Limits on the mass of the right-handed boson. International Journal of Modern Physics E, 2016, 25, 1650081.	1.0	1
78	Forbidden nonunique $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ decays and effective values of weak coupling constants. Physical Review C, 2016, 93, .	2.9	44
79	Neutrinoless $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ to excited $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ and the Majorana neutrino mass. Physical Review C, 2016, 93, .	2.9	7
80	Shell-model study on event rates of lightest supersymmetric particles scattering off Kr83 and Te125. Physical Review D, 2016, 93, .	4.7	12
81	Measurement of the double beta decay half-life and search for the neutrinoless double beta decay of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Ca} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \rangle$ with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle Q \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Values among the Triplet $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Zr} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \rangle$ Single and Double Beta Decay $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Zr} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \rangle$ and the Majorana neutrino mass. Physical Review C, 2016, 93, .	4.7	63
82	Shell-model study on event rates of lightest supersymmetric particles scattering off Kr83 and Te125. Physical Review D, 2016, 93, .	7.8	23
83	Inelastic WIMP-nucleus scattering to the first excited state in 125Te. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 115002.	3.6	5
84	Theoretical estimates of supernova-neutrino cross sections for the stable even-even lead isotopes: Charged-current reactions. Physical Review C, 2016, 94, .	2.9	8
85	Statistical analysis of \hat{I}^2 decays and the effective value of g_A in the proton-neutron quasiparticle random-phase approximation framework. Physical Review C, 2016, 94, .	2.9	31
86	Recursive method for computing matrix elements for two-body interactions. Physical Review C, 2015, 91, .	2.9	4
87	Systematic approach to $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \hat{I}^{2/2} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ of mass $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle A \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 100 \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Physical Review C, 2015, 91, .	2.9	81
88	Double- \hat{I}^2 decay within a consistent deformed approach. Physical Review C, 2015, 91, .	2.9	5
89	Theoretical direct WIMP detection rates for transitions to the first excited state in Kr83. Physical Review D, 2015, 92, .	4.7	9
90	Results of the search for neutrinoless double- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ decay in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Mo} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \rangle$ Physical Review C, 2015, 91, .	4.7	119

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91	Extracting information from $0\nu\beta\beta$ decay and LHC pp-cross sections: Limits on the left-right mixing angle and right-handed boson mass. AIP Conference Proceedings, 2015, , .	0.4	0
92	Neutrino-nucleus scattering offXe136. Physical Review C, 2015, 91, .	2.9	6
93	Nuclear matrix elements for $0\nu\beta\beta$ with light or heavy Majorana-neutrino exchange. Physical Review C, 2015, 91, .	2.9	16
94	GT neutrino nuclear responses for double beta decays and astro neutrinos. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 055201.	3.6	37
95	Neutrino scattering off the stable cadmium isotopes: II. Charged-current processes. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 095106.	3.6	3
96	Neutrino scattering off the stable cadmium isotopes: neutral-current processes. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 025106.	3.6	3
97	Charged-current neutrino and antineutrino scattering offCd116described by Skyrme forces. Physical Review C, 2014, 89, .	2.9	14
98	Theoretical studies of rare weak processes in nuclei. Physica Scripta, 2014, 89, 054032.	2.5	17
99	Double- β decay studies with JYFLTRAP. Hyperfine Interactions, 2014, 223, 195-199.	0.5	0
100	Single and double beta decays in the , and triplets of isobars. Nuclear Physics A, 2014, 924, 1-23.	1.5	52
101	$\beta\beta$ -decay half-life ofV50calculated by the shell model. Physical Review C, 2014, 90, .	2.9	15
102	Effective axial-vector strength and $\beta\beta$ -decay systematics. Europhysics Letters, 2014, 107, 52001.	2.0	15
103	The mass-hierarchy and CP-violation discovery reach of the LBNO long-baseline neutrino experiment. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41
104	Spin-dipole nuclear matrix elements for double beta decays and astro-neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 729, 27-32.	4.1	51
105	Strength of $\beta\beta$ and isovector spin monopole transitions in double- β -decay triplets. Physical Review C, 2014, 89, .	2.9	17
106	Shell-model study of the 4th- and 6th-forbidden $\beta\beta$ -decay branches ofCa48. Physical Review C, 2014, 89, .	2.9	15
107	Beta decay of 115Cd and its possible ultra-low Q-value branch. European Physical Journal A, 2013, 49, 1.	2.5	22
108	Double beta decays of ^{124}Xe investigated in the QRPA framework. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 075102.	3.6	28

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109	Pinning the quenching of g by single and double beta decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 153-157.	4.1	75
110	Search for 2β decays of ^{96}Ru and ^{104}Ru by ultralow-background HPGe β spectrometry at LNGS: Final results. Physical Review C, 2013, 87, .	2.9	21
111	Analysis of double- β transitions in ^{78}Kr . Physical Review C, 2013, 87, .	2.9	10
112	Nuclear matrix elements for $0^+ \rightarrow 2^+$ decays: Comparative analysis of the QRPA, shell model and IBM predictions. , 2013, , .		0
113	Neutrinoless Double β /EC Decays. Advances in High Energy Physics, 2013, 2013, 1-18.	1.1	43
114	Neutral- and charged-current supernova-neutrino scattering off ^{116}Cd . Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 095201.	3.6	13
115	Unified description of $2^+ \rightarrow 1^+$ states within the deformed quasiparticle random-phase approximation. Physical Review C, 2013, 87, .	2.9	9
116	Charged-current neutrino-nucleus scattering off $^{95,97}\text{Mo}$. Physical Review C, 2013, 87, .	2.9	11
117	Schematic and realistic model calculations of the isovector spin monopole excitations in ^{116}In . Physical Review C, 2012, 86, .	2.9	12
118	Theoretical investigation of the double- β processes in ^{96}Ru . Physical Review C, 2012, 86, .	2.9	18
119	Charged-Current Neutrino-Nucleus Scattering off the Even Molybdenum Isotopes. Advances in High Energy Physics, 2012, 2012, 1-15.	1.1	18
120	Review of the properties of the $0^+ \rightarrow 2^+$ nuclear matrix elements. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 124005.	3.6	61
121	1^2 decay processes in ^{106}Cd with the help of a 1^2 Cd . Nuclear Physics A, 2012, 866, 67-78.	2.9	56
122	Nuclear matrix elements for the resonant neutrinoless double electron capture. European Physical Journal A, 2012, 48, 1.	2.5	19
123	Detailed study of the neutral-current neutrino-nucleus scattering off the stable Mo isotopes. Nuclear Physics A, 2012, 896, 1-23.	1.5	19
124	Double-beta-decay nuclear matrix elements in the QRPA framework. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 085105.	3.6	53
125	The response of $^{95,97}\text{Mo}$ to supernova neutrinos. Nuclear Physics A, 2011, 866, 67-78.	1.5	13
126	Double-beta decay Q values of ^{116}Cd and ^{130}Te . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 412-416.	4.1	76

#	ARTICLE	IF	CITATIONS
127	Theoretical analysis of the possible ultra-low-Q-value decay branch of ¹³⁵ Cs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 370-375.	4.1	22
128	Effects of orbital occupancies and spin-orbit partners II: decays of ⁷⁶ Ge, ⁸² Se and ¹³⁶ Xe to first excited states. Nuclear Physics A, 2011, 853, 36-60.	1.5	32
129	On the double-beta decays of ⁷⁰ Zn, ⁸⁶ Kr, ⁹⁴ Zr, ¹⁰⁴ Ru, ¹¹⁰ Pd and ¹²⁴ Sn. Nuclear Physics A, 2011, 864, 63-90.	1.5	46
130	On the resonant neutrinoless double-electron-capture decay of ¹³⁶ Ce. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 116-120.	4.1	48
131	Neutrinoless double beta decays of ¹⁰⁶ Cd revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 490-495.	4.1	27
132	NUCLEAR-STRUCTURE EFFECTS ON DOUBLE BETA DECAYS TO 0^+_{gs} STATES IN ⁷⁶ Ge. International Journal of Modern Physics E, 2011, 20, 451-458.	1.0	15
133	NEUTRINOLESS DOUBLE EC AND RARE BETA DECAYS AS TOOLS TO SEARCH FOR THE NEUTRINO MASS., 2011, , .		0
134	MQPM description of the structure and beta decays of the odd Mo and Tc isotopes. Nuclear Physics A, 2010, 842, 33-47.	1.5	25
135	Accurate Q value for the ⁷⁴ Se double-electron-capture decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 17-21.	4.1	66
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