

Jouni Suhonen

List of Publications by Year in descending order

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249
papers

7,874
citations

44069

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252
all docs

252
docs citations

252
times ranked

1819
citing authors

#	ARTICLE	IF	CITATIONS
1	Weak-interaction and nuclear-structure aspects of nuclear double beta decay. Physics Reports, 1998, 300, 123-214.	25.6	640
2	Renormalized Proton-Neutron Quasiparticle Random-Phase Approximation and Its Application to Double Beta Decay. Physical Review Letters, 1995, 75, 410-413.	7.8	210
3	pnQRPA calculation of the \hat{I}^2 /EC quenching for several neutron-deficient nuclei in mass regions $A = 94$ – 110 and $A = 146$ – 156 Nuclear Physics A, 1988, 486, 91-117.	1.5	202
4	Nuclear matrix elements for $0^+ \rightarrow 0^+$ \hat{I}^2 decay with light or heavy Majorana-neutrino exchange. Physical Review C, 2015, 91, .	2.9	166
5	Neutrino nuclear responses for astro-neutrinos, single beta decays and double beta decays. Physics Reports, 2019, 797, 1-102.	25.6	161
6	Systematic study of beta and double beta decay to excited final states. Nuclear Physics A, 1996, 602, 133-166.	1.5	143
7	Improved short-range correlations and $0^+ \rightarrow 0^+$ nuclear matrix elements of Ge76 and Se82. Physical Review C, 2007, 75, .	2.9	140
8	Nuclear matrix elements of $0^+ \rightarrow 0^+$ \hat{I}^2 decay with improved short-range correlations. Physical Review C, 2007, 76, .	2.9	132
9	Q values of the 76Ge and 100Mo double-beta decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 662, 111-116.	4.1	125
10	Systematics of the \hat{I}^\pm -decay to rotational states. Physical Review C, 2006, 73, .	2.9	123
11	Calculation of allowed and first-forbidden beta-decay transitions of odd-odd nuclei. Nuclear Physics A, 1993, 563, 205-224.	1.5	119
12	Results of the search for neutrinoless double- \hat{I}^2 decay in ^{100}Mo . Physical Review C, 2007, 76, .	4.7	119
13	Short-range correlations and neutrinoless double beta decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 647, 128-132.	4.1	117
14	Study of several double-beta-decaying nuclei using the renormalized proton-neutron quasiparticle random-phase approximation. Physical Review C, 1997, 55, 2314-2323.	2.9	109
15	Measurement of the two neutrino double beta decay half-life of Zr-96 with the NEMO-3 detector. Nuclear Physics A, 2010, 847, 168-179.	1.5	105
16	Nuclear matrix elements of \hat{I}^2 decay from \hat{I}^2 -decay data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 607, 87-95.	4.1	87
17	Systematic approach to $0^+ \rightarrow 0^+$ \hat{I}^2 decay of mass $A > 100$. Physical Review C, 2015, 91, .	2.9	81
18	Effects of orbital occupancies and spin-orbit partners on 0^+ -decay rates. Nuclear Physics A, 2010, 847, 207-232.	1.5	79

#	ARTICLE	IF	CITATIONS
19	$\hat{I}\pm$ -decay spectroscopy of deformed nuclei reexamined. Physical Review C, 2008, 78, .	2.9	77
20	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
21	Probing the quenching of $\langle \langle \text{http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"> < mml:msub> < mml:mrow> < mml:mi>g</mml:mi> </mml:mrow> < mml:mrow> < mml:mi mathvariant="normal">A</mml:mi> </mml:mrow> </mml:msub> </mml:math>$ by single and double beta decays. Physics Letters. Section B: Nuclear. Elementary Particle and High-Energy Physics, 2013. 725, 153-157	4.1	75
22	Quasiparticle random phase approximation analysis of the double beta decay of ^{100}Mo to the ground state and excited states of ^{100}Ru . Physical Review C, 1994, 49, 3055-3060.	2.9	69
23	Is the single-state dominance realized in double- \hat{I}^2 -decay transitions?. Physical Review C, 1998, 58, 1535-1538.	2.9	69
24	Measurement of double beta decay of ^{100}Mo to excited states in the NEMO 3 experiment. Nuclear Physics A, 2007, 781, 209-226.	1.5	68
25	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
26	Accurate $\langle \langle \text{http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mi>Q</mml:mi> </mml:math>$ Value for the $\langle \langle \text{http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mi>S_n</mml:mi> < mml:mprescripts /> < mml:none /> < mml:mn>112</mml:mn> </mml:math>$ Double- $\langle \langle \text{http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mi>\hat{I}^2</mml:mi> </mml:math>$	7.8	65
27	Two-neutrino double-beta decay to excited one- and two-phonon states. Nuclear Physics A, 1994, 575, 251-268.	1.5	64
28	Calculation of the neutrinoless $\hat{I}^2\hat{I}^2$ decay of ^{76}Ge using a quark model with harmonic confinement. Nuclear Physics A, 1991, 529, 727-740.	1.5	63
29	Measurement of the double-beta decay half-life and search for the neutrinoless double-beta decay of $\langle \langle \text{http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mrow> < mml:mmultiscripts> < mml:mrow> < mml:mi>Ca</mml:mi> </mml:mrow> < mml:mprescripts /> < mml:none /> < mml:mrow> < mml:mn>48</mml:mn> </mml:mrow> </mml:math>$ with the NEMO-3 detector. Physical Review D, 2016, 93, .	4.7	63
30	The neutrinoless double beta decay of ^{76}Ge , ^{82}Se , ^{86}Kr , ^{114}Cd , 128 , ^{130}Te and 134 , ^{136}Xe in the framework of a relativistic quark confinement model. Nuclear Physics A, 1991, 535, 509-547.	1.5	61
31	Review of the properties of the $0^{\hat{I}^2}\hat{I}^2 < sup> \hat{a}^{\sim} </sup> \hat{I}^2 < sup> \hat{a}^{\sim} </sup>$ nuclear matrix elements. Journal of Physics C: Nuclear and Particle Physics, 2012, 39, 124005.	3.6	61
32	Effects of orbital occupancies on the neutrinoless $\hat{I}^2\hat{I}^2$ matrix element of ^{76}Ge . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 277-281.	4.1	60
33	Microscopic quasiparticle-phonon description of odd-mass $^{127}\hat{a}^{\sim}$ ^{133}Xe isotopes and their \hat{I}^2 decay. Physical Review C, 1998, 57, 1237-1245.	2.9	57
34	Large-scale shell-model calculations of elastic and inelastic scattering rates of lightest supersymmetric particles (LSP) on $\langle \langle \text{http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mmultiscripts> < mml:mi mathvariant="normal">l</mml:mi> < mml:mprescripts /> < mml:none /> < mml:mrow> < mml:mn>127</mml:mn> </mml:mrow> </mml:math>$, $\langle \langle \text{http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mmultiscripts> < mml:mi$	2.9	57
35	Confined quarks and the neutrinoless $\hat{I}^2\hat{I}^2$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 237, 8-13.	4.1	56
36	Search for double- $\langle \langle \text{http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mi>\hat{I}^2</mml:mi> </mml:math>$ decay processes in $\langle \langle \text{http://www.w3.org/1998/Math/MathML" display="inline"> < mml:msup> < mml:mrow /> < mml:mn>106</mml:mn> </mml:msup> </mml:math>$ ^{106}Cd with the help of a $\langle \langle \text{http://www.w3.org/1998/Math/MathML" display="inline"> < mml:msup> < mml:mrow /> < mml:mn>106</mml:mn> </mml:msup> </mml:math>$ $^{106}\text{CdWO}$	2.9	56

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37	Mean-field effects on neutrinoless double beta decay. Nuclear Physics A, 1998, 643, 207-221.	1.5	55
38	Systematic study of the single-state dominance in $2\hat{1}/2\hat{1}^2\hat{1}^2$ decay transitions. Nuclear Physics A, 1999, 653, 321-337.	1.5	54
39	Double-beta-decay nuclear matrix elements in the QRPA framework. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 085105.	3.6	53
40	Smallest Known Value of Any Nuclear Decay: The Rare Q of $\hat{1}^2$ Decay	7.8	52
41	Single and double beta decays in the , and triplets of isobars. Nuclear Physics A, 2014, 924, 1-23.	1.5	52
42	Theoretical and experimental investigation of the double beta processes in ^{106}Cd . Nuclear Physics A, 1996, 604, 115-128.	1.5	51
43	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
44	Suppression of the $\hat{1}^2$ -decays of ^{148}Dy , ^{150}Er and ^{152}Yb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 202, 174-178.	4.1	50
45	Impact of the quenching of g on the sensitivity of A experiments. Physical Review C, 2017, 96, .	2.9	49
46	Theoretical description of the fourth-forbidden non-unique $\hat{1}^2$ decays of ^{113}Cd and ^{115}In . Physical Review C, 2006, 73, .	2.9	48
47	Folding description of the fine structure of $\hat{1}^{\pm}$ decay to $2+$ vibrational and transitional states. Physical Review C, 2007, 75, .	2.9	48
48	NUCLEAR MATRIX ELEMENTS FOR DOUBLE BETA DECAY. International Journal of Modern Physics E, 2008, 17, 1-11.	1.0	48
49	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
50	The gallium anomaly revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 542-547.	4.1	47
51	Opening of the $Z=40$ subshell gap and the double-beta decay of ^{100}Mo . Nuclear Physics A, 2002, 700, 649-665.	1.5	46
52	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
53	Detailed studies of ^{100}Mo two-neutrino double beta decay in NEMO-3. European Physical Journal C, 2019, 79, 1.	3.9	46
54	Spectrum-shape method and the next-to-leading-order terms of the $\hat{1}^2$ -decay shape factor. Physical Review C, 2017, 95, .	2.9	45

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55	First-forbidden transitions in the reactor anomaly. Physical Review C, 2019, 100, .	2.9	45
56	Forbidden nonunique I^{π} decays and effective values of weak coupling constants. Physical Review C, 2016, 93, .	2.9	44
57	Systematic study of neutrinoless double beta decay to excited 0^+ states. Nuclear Physics A, 2003, 723, 271-288.	1.5	43
58	Neutrinoless Double I^{π} EC Decays. Advances in High Energy Physics, 2013, 2013, 1-18.	1.1	43
59	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
60	Investigation of the decay of to excited states in. Journal of Physics G: Nuclear and Particle Physics, 1996, 22, 487-496.	3.6	39
61	Measurement of the I^{π} decay half-life and search for the I^{π} decay of ^{82}Kr . Physical Review D, 2017, 95, .	3.9	39
62	Final results on ^{82}Se double beta decay to the ground state of ^{82}Kr from the NEMO-3 experiment. European Physical Journal C, 2018, 78, 1.	3.9	39
63	Calculation of the beta and beta beta decay observables of ^{48}Ca using QRPA with and without particle-number projection. Journal of Physics G: Nuclear and Particle Physics, 1993, 19, 139-160.	3.6	38
64	Electron spectra in forbidden I^{π} decays and the quenching of the weak axial-vector coupling constant g_A . Physical Review C, 2017, 95, .	2.9	38
65	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
66	Theoretical results on the double positron decay of ^{106}Cd . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 497, 221-227.	4.1	36
67	Discovery of an Exceptionally Strong I^{π} -Decay Transition of ^{82}Kr . Physical Review D, 2017, 95, .	7.8	36
68	Neutrinoless double-electron capture. Reviews of Modern Physics, 2020, 92, .	45.6	36
69	Electron capture decay of ^{116}In and nuclear structure of double I^{π} decays. Physical Review C, 1998, 58, 1247-1256.	2.9	35
70	Ordinary muon capture as a probe of virtual transitions of I^{π} decay. Europhysics Letters, 2002, 58, 666-672.	2.0	35
71	Study of I^{π} -decay of ^{100}Mo and ^{82}Se using the NEMO3 detector. JETP Letters, 2004, 80, 377-381.	1.4	35
72	Extracting information on the decays from the decays. Nuclear Physics A, 2005, 761, 313-332.	1.5	33

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73	Theoretical half-life for beta decay of ^{96}Zr . Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 837-843.	3.6	33
74	Description of the $0^+ \rightarrow 0^+$ neutrinoless double-beta decay transition in ^{76}Ge . Nuclear Physics A, 1992, 543, 645-660.	1.5	32
75	Shell-model study of partial muon-capture rates in light nuclei. Nuclear Physics A, 1998, 635, 446-469.	1.5	32
76	Double- β decay value of Q for ^{150}Nd	2.9	32
77	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
78	Neutrinoless double beta decay to excited collective 0^+ states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 477, 99-106.	4.1	31
79	Statistical analysis of f^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
80	Perturbative treatment of the two-neutrino double beta decay to excited 2^+ states. Nuclear Physics A, 1994, 578, 62-76.	1.5	30
81	Quasiparticle random-phase approximation and f^2 -decay physics: Higher-order approximations in a boson formalism. Physical Review C, 1997, 56, 782-790.	2.9	30
82	A -driven shapes of electron spectra of forbidden β decays in the neutrinoless $\beta\beta$ nuclear shell model. Physical Review C, 2017, 96, .	2.9	29
83	nuclear matrix elements using isovector spin-dipole β data. Physical Review C, 2018, 98, .	2.9	29
84	Ordinary muon capture studies for the matrix elements in β decay. Physical Review C, 2019, 99, .	2.9	29
85	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
86	First-forbidden transitions in reactor antineutrino spectra. Physical Review C, 2019, 99, .	2.9	28
87	Renormalization of the weak hadronic current in the nuclear medium. Physical Review C, 2001, 63, .	2.9	27
88	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
89	Microscopic quasiparticle-phonon description of beta decays of ^{113}Cd and ^{115}In using proton-neutron phonons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 657, 38-42.	4.1	26
90	Microscopic description of low-lying two-phonon states: Electromagnetic transitions. Physical Review C, 2003, 67, .	2.9	25

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91	Nuclear muon capture as a powerful probe of double-beta decays in light nuclei. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, 2003-2018.	3.6	25
92	Microscopic calculation of the LSP detection rates for the ^{71}Ga , ^{73}Ge and ^{127}I dark-matter detectors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 584, 31-39.	4.1	25
93	altimg= "si1.gif" overflow= "scroll" xmlns:xocs= "http://www.elsevier.com/xml/xocs/dtd" xmlns:xs= "http://www.w3.org/2001/XMLSchema" xmlns:xsi= "http://www.w3.org/2001/XMLSchema-instance" xmlns= "http://www.elsevier.com/xml/ja/dtd" xmlns:ja= "http://www.elsevier.com/xml/ja/dtd" xmlns:mml= "http://www.w3.org/1998/Math/MathML" xmlns:tb= "http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct= "http://www.elsevier.com/xml/common/tablestruct/dtd" />	4.1	25
94	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
95	Double \hat{I}^2 Decay and the Axial Strength. Frontiers in Physics, 2019, 7, .	2.1	25
96	Pinning down the strength function for ordinary muon capture on ^{100}Mo . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 143-147.	4.1	25
97	Low-lying collective states in ^{98}Ru isotopes studied using a microscopic anharmonic vibrator approach. Physical Review C, 2003, 68, .	2.9	24
98	Nuclear and atomic contributions to beta decays with ultra-low Q values. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 064008.	3.6	24
99	Improved calculations of \hat{I}^2 decay backgrounds to new physics in liquid xenon detectors. Physical Review C, 2020, 102, .	2.9	24
100	Microscopic quasiparticle-phonon description of odd-A Xe isotopes. Journal of Physics G: Nuclear and Particle Physics, 1995, 21, 1491-1497.	3.6	23
101	Single and Double Beta Decay Q Values among the Triplet Zr	7.8	23
102	Description of \hat{I}^2 decay to excited quadrupole phonon states within a boson-expansion formalism. Physical Review C, 1996, 53, 176-187.	2.9	22
103	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
104	Beta decay of ^{115}Cd and its possible ultra-low Q-value branch. European Physical Journal A, 2013, 49, 1.	2.5	22
105	Muon-capture strength functions in intermediate nuclei of $0 < Q < \hat{I}^2$ decays. Physical Review C, 2019, 100, .		
106	Sub-eV neutrino masses from $0 < Q < \hat{I}^2$ decay to an excited 0^+ state. Physical Review C, 2000, 62, .	2.9	21
107	Search for \hat{I}^2 decays of ^{96}Ru and ^{104}Ru by ultralow-background HPGe 3 spectrometry at LNGS: Final results. Physical Review C, 2013, 87, .	2.9	21
108	Quenching of gA deduced from the \hat{I}^2 -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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109	Shell-model study of the highly forbidden beta decay $48\text{Ca} \rightarrow 48\text{Sc}$. <i>Europhysics Letters</i> , 1999, 46, 577-582.	2.0	20
110	Decay of 114Rn to 114Pd . <i>Physical Review C</i> , 2003, 67, .	2.9	20
111	Renormalized proton- neutron QRPA and double beta decay of 82Se to excited states in 82Kr . <i>Zeitschrift für Physik A</i> , 1997, 358, 297-301.	0.9	19
112	Towards the solution of the CP/CAnomaly in shell-model calculations of muon capture. <i>Physical Review C</i> , 1999, 59, R1839-R1843.	2.9	19
113	Microscopic study of muon-capture transitions in nuclei involved in double-beta-decay processes. <i>Nuclear Physics A</i> , 2003, 713, 501-521.	1.5	19
114	Nuclear matrix elements for the resonant neutrinoless double electron capture. <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	19
115	Detailed study of the neutral-current neutrino nucleus scattering off the stable Mo isotopes. <i>Nuclear Physics A</i> , 2012, 896, 1-23.	1.5	19
116	Measurement of the 2^+ ground-state transition in the 1^2 decay of ^{132}Xe . <i>Physical Review C</i> , 2019, 100, .	2.9	19
117	Systematics of the 1^{\pm} decay to vibrational 2^+ states. <i>Physical Review C</i> , 2005, 71, .	2.9	18
118	Theoretical investigation of the double- 1^2 processes in 96Ru . <i>Physical Review C</i> , 2012, 86, .	2.9	18
119	Charged-Current Neutrino-Nucleus Scattering off the Even Molybdenum Isotopes. <i>Advances in High Energy Physics</i> , 2012, 2012, 1-15.	1.1	18
120	Mesonic enhancement of the weak axial charge and its effect on the half-lives and spectral shapes of first-forbidden $J^{\pi} \rightarrow J^{\pi}$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 781, 480-484.	4.1	18
121	Three beta-decaying states in 128In and 130In 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
122	Theoretical studies of rare weak processes in nuclei. <i>Physica Scripta</i> , 2014, 89, 054032.	2.5	17
123	Strength of $J^{\pi} \rightarrow J^{\pi}$ and isovector spin monopole transitions in double- 1^2 decay triplets. <i>Physical Review C</i> , 2014, 89, .	2.9	17
124	Detailed investigation of the 1^2 -decay of the $9/2^+$ ground state of 99Nb to levels in 99Mo . <i>Zeitschrift für Physik A</i> , 1997, 358, 317-327.	0.9	16
125	Event rates for CDM detectors from large-scale shell-model calculations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 632, 226-232.	4.1	16
126	Second-forbidden nonunique 1^2 decays of ^{24}Na and ^{24}Cl . <i>Physical Review C</i> , 2014, 89, .	2.9	16

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127	Description of the two-neutrino \hat{I}^2 decay of ^{100}Mo by pnMAVA. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 015101.	3.6	15
128	NUCLEAR-STRUCTURE EFFECTS ON DOUBLE BETA DECAYS TO 0^{+} STATES IN ^{76}Ge . International Journal of Modern Physics E, 2011, 20, 451-458.	1.0	15
129	\hat{I}^2 -decay half-life of ^{50}V calculated by the shell model. Physical Review C, 2014, 90, .	2.9	15
130	Effective axial-vector strength and $i>\hat{I}^2</i>$ -decay systematics. Europhysics Letters, 2014, 107, 52001.	2.0	15
131	Shell-model study of the 4th- and 6th-forbidden \hat{I}^2 -decay branches of ^{48}Ca . Physical Review C, 2014, 89, .	2.9	15
132	Experimental study of ^{100}Tc \hat{I}^2 decay with total absorption \hat{I}^3 -ray spectroscopy. Physical Review C, 2017, 96, .	2.9	15
133	Charge-exchange reactions on double- \hat{I}^2 decaying nuclei populating $J^{\pi} \hat{I}^{\epsilon}$	2.9	15
134	Electron-Capture: A New Candidate for Neutrino Mass Determination. Physical Review Letters, 2021, 127, 272301.	7.8	15
135	Double beta decay versus cosmology: Majorana CP phases and nuclear matrix elements. Physical Review D, 2005, 72, .	4.7	14
136	Charged-current neutrino and antineutrino scattering off ^{116}Cd described by Skyrme forces. Physical Review C, 2014, 89, .	2.9	14
137	Q -value Measurement Confirms the Potential of ^{135}Cs \hat{I}^2 -decay	2.9	14
138	The response of $^{95,97}\text{Mo}$ to supernova neutrinos. Nuclear Physics A, 2011, 866, 67-78.	1.5	13
139	Neutral- and charged-current supernova-neutrino scattering off ^{116}Cd . Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 095201.	3.6	13
140	Spin-multipole nuclear matrix elements in the random-phase approximation: Implications for \hat{I}^2 and \hat{I}^3 decays	2.9	13
141	and low-lying Gamow-Teller functions in the mass range $70 < A < 135$	2.9	13
142	Neutral-Current Neutrino-Nucleus Scattering off Xe Isotopes. Advances in High Energy Physics, 2018, 2018, 1-11.	1.1	13
143	Realistic nuclear matrix elements for the lepton-flavor violating $\hat{I}^4 \hat{I}^2 \hat{I}^2$ conversion in ^{27}Al and ^{48}Ti . Physical Review C, 2000, 62, .	2.9	12
144	Schematic and realistic model calculations of the isovector spin monopole excitations in ^{116}In . Physical Review C, 2012, 86, .	2.9	12

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145	Shell-model study on event rates of lightest supersymmetric particles scattering off Kr83 and Te125. Physical Review D, 2016, 93, .	4.7	12
146	Isovector spin-multipole strength distributions in double- \hat{I}^2 -decay triplets. Physical Review C, 2017, 96, .	2.9	12
147	Search for Neutrinoless Quadruple- \hat{I}^2 Decay of Nd . Physical Review D, 2017, 95, .	7.8	12
148	Solar neutrino detection in liquid xenon detectors via charged-current scattering to excited states. Physical Review D, 2020, 102, .	4.7	12
149	Direct measurement of the mass difference of As rules out Ge as a dark matter candidate. Physical Review D, 2019, 100, .	4.7	12
150	Schematic study of perturbative effects on the two-neutrino double beta decay to excited states. Journal of Physics G: Nuclear and Particle Physics, 1994, 20, 1441-1446.	3.6	11
151	Shell-model effective operators for muon capture in ^{20}Ne . Journal of Physics G: Nuclear and Particle Physics, 1999, 25, L55-L61.	3.6	11
152	New limits for lepton-flavor violation from the $\tau \rightarrow \mu e \gamma$ conversion in ^{27}Al . Physical Review C, 1999, 60, .	2.9	11
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