Minfang Yeh

List of Publications by Year
in descending order

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153 papers	13,204 citations	66343 42 h-index	21540 114 g-index
153 all docs	153 docs citations	153 times ranked	5100 citing authors

#	Article	IF	Citations
1	Direct Evidence for Neutrino Flavor Transformation from Neutral-Current Interactions in the Sudbury Neutrino Observatory. Physical Review Letters, 2002, 89, 011301.	7.8	2,236
2	Observation of Electron-Antineutrino Disappearance at Daya Bay. Physical Review Letters, 2012, 108, 171803.	7.8	1,751
3	Measurement of the Rate ofÎ½e+dâ†'p+p+eâˆ'Interactions Produced byB8Solar Neutrinos at the Sudbury Neutrino Observatory. Physical Review Letters, 2001, 87, 071301.	7.8	1,593
4	Measurement of Day and Night Neutrino Energy Spectra at SNO and Constraints on Neutrino Mixing Parameters. Physical Review Letters, 2002, 89, 011302.	7.8	812
5	Measurement of the Total ActiveB8Solar Neutrino Flux at the Sudbury Neutrino Observatory with Enhanced Neutral Current Sensitivity. Physical Review Letters, 2004, 92, 181301.	7.8	654
6	Electron energy spectra, fluxes, and day-night asymmetries of8B solar neutrinos from measurements with NaCl dissolved in the heavy-water detector at the Sudbury Neutrino Observatory. Physical Review C, 2005, 72, .	2.9	459
7	Combined analysis of all three phases of solar neutrino data from the Sudbury Neutrino Observatory. Physical Review C, 2013, 88.	2.9	267
8	Independent Measurement of the Total Active<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">B</mml:mi><mml:mprescripts /><mml:none /><mml:mn>8</mml:mn></mml:mmultiscripts></mml:math>Solar Neutrino Flux Using an Array of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn	7.8	262
9	Improved measurement of electron antineutrino disappearance at Daya Bay. Chinese Physics C, 2013, 37, 011001.	3.7	253
10	Spectral Measurement of Electron Antineutrino Oscillation Amplitude and Frequency at Daya Bay. Physical Review Letters, 2014, 112, 061801.	7.8	219
11	Low-energy-threshold analysis of the Phase I and Phase II data sets of the Sudbury Neutrino Observatory. Physical Review C, 2010, 81, .	2.9	196
12	Current Status and Future Prospects of the SNO+ Experiment. Advances in High Energy Physics, 2016, 2016, 1-21.	1.1	185
13	New Measurement of Antineutrino Oscillation with the Full Detector Configuration at Daya Bay. Physical Review Letters, 2015, 115, 111802.	7.8	176
14	Measurement of the Electron Antineutrino Oscillation with 1958 Days of Operation at Daya Bay. Physical Review Letters, 2018, 121, 241805.	7.8	168
15	Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2016, 116, 061801.	7.8	161
16	Projected WIMP sensitivity of the LUX-ZEPLIN dark matter experiment. Physical Review D, 2020, 101, .	4.7	141
17	Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2017, 118, 251801.	7.8	129
18	A side-by-side comparison of Daya Bay antineutrino detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 685, 78-97.	1.6	121

#	Article	IF	Citations
19	Measurement of electron antineutrino oscillation based on 1230Âdays of operation of the Daya Bay experiment. Physical Review D, 2017, 95, .	4.7	118
20	Determination of theÎ½eand totalB8solar neutrino fluxes using the Sudbury Neutrino Observatory Phase I data set. Physical Review C, 2007, 75, .	2.9	112
21	Very long baseline neutrino oscillation experiments for precise measurements of mixing parameters andCPviolating effects. Physical Review D, 2003, 68, .	4.7	100
22	First Search for Short-Baseline Neutrino Oscillations at HFIR with PROSPECT. Physical Review Letters, 2018, 121, 251802.	7.8	99
23	Improved measurement of the reactor antineutrino flux and spectrum at Daya Bay. Chinese Physics C, 2017, 41, 013002.	3.7	96
24	Search for a Light Sterile Neutrino at Daya Bay. Physical Review Letters, 2014, 113, 141802.	7.8	79
25	Gadolinium-loaded liquid scintillator for high-precision measurements of antineutrino oscillations and the mixing angle, Î¸13. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 578, 329-339.	1.6	77
26	KÏ€=0+and4+Two-PhononÎ³-Vibrational States in166Er. Physical Review Letters, 1997, 78, 4545-4548.	7.8	74
27	Physics prospects of the Jinping neutrino experiment. Chinese Physics C, 2017, 41, 023002.	3.7	74
28	A new water-based liquid scintillator and potential applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 660, 51-56.	1.6	71
29	Theia: an advanced optical neutrino detector. European Physical Journal C, 2020, 80, 1.	3.9	70
30	Production of a gadolinium-loaded liquid scintillator for the Daya Bay reactor neutrino experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 82-88.	1.6	68
31	Improved Search for a Light Sterile Neutrino with the Full Configuration of the Daya Bay Experiment. Physical Review Letters, 2016, 117, 151802.	7.8	65
32	Two-Phonon Octupole Excitation in208Pb. Physical Review Letters, 1996, 76, 1208-1211.	7.8	64
33	A Search for Neutrinos from the SolarhepReaction and the Diffuse Supernova Neutrino Background with the Sudbury Neutrino Observatory. Astrophysical Journal, 2006, 653, 1545-1551.	4.5	63
34	Improved short-baseline neutrino oscillation search and energy spectrum measurement with the PROSPECT experiment at HFIR. Physical Review D, 2021, 103, .	4.7	60
35	Search for periodicities in theB8solar neutrino flux measured by the Sudbury Neutrino Observatory. Physical Review D, 2005, 72, .	4.7	54
36	The PROSPECT physics program. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 113001.	3.6	53

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37	Properties ofCd112from the(n,n'Î³)reaction: Lifetimes and transition rates. Physical Review C, 2007, 75, .	2.9	52
38	First observation of mixed-symmetry states in a good U(5) nucleus. Physical Review C, 1996, 54, 2259-2263.	2.9	51
39	Separation of scintillation and Cherenkov lights in linear alkyl benzene. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 830, 303-308.	1.6	47
40	Extraction of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">U</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>235</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Pu</mml:mi></mml:mrow><mml:mprescripts	7.8	47
41	The SNO+ experiment. Journal of Instrumentation, 2021, 16, P08059.	1.2	45
42	On the nature of â€œthree-phononâ€•excitations in 112Cd. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 259-265.	4.1	44
43	Quadrupole-octupole coupled states in112Cd. Physical Review C, 1999, 59, 2455-2461.	2.9	44
44	Measurement of the cosmic ray and neutrino-induced muon flux at the Sudbury neutrino observatory. Physical Review D, 2009, 80, .	4.7	42
45	Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>e</mml:mi></mml:msub></mml:math>and total<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>8</mml:mn></mml:msup></mml:math>B solar neutrino fluxes with the Sudbury Neutrino Observatory phase-III data set. Physical Review C, 2013, 87, .	2.9	42
46	Independent measurement of the neutrino mixing angleÎ¸13via neutron capture on hydrogen at Daya Bay. Physical Review D, 2014, 90, .	4.7	42
47	The nature of 0+ excitations in 166Er. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 400, 250-254.	4.1	40
48	Constraints on Nucleon Decay via Invisible Modes from the Sudbury Neutrino Observatory. Physical Review Letters, 2004, 92, 102004.	7.8	40
49	The PROSPECT reactor antineutrino experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 922, 287-309.	1.6	40
50	Improved Constraints on Sterile Neutrino Mixing from Disappearance Searches in the MINOS, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>MINOS</mml:mi><mml:mo>+</mml:mo></mml:mrow></mml:math> , Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2020, 125, 071801.	7.8	40
51	Measurement of the Antineutrino Spectrum from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">U</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>235</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Fission at HFIR with PROSPECT. Physical Review Letters, 2019, 122, 251801.	7.8	39
52	Properties of112Cdfrom the(n,nâ€²Î³)reaction: Levels and level densities. Physical Review C, 2001, 64, .	2.9	38
53	The LUX-ZEPLIN (LZ) radioactivity and cleanliness control programs. European Physical Journal C, 2020, 80, 1.	3.9	38
54	Search for neutron-antineutron oscillations at the Sudbury Neutrino Observatory. Physical Review D, 2017, 96, .	4.7	34

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55	A radium assay technique using hydrous titanium oxide adsorbent for the Sudbury Neutrino Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 501, 386-398.	1.6	33
56	Electron antineutrino search at the Sudbury Neutrino Observatory. Physical Review D, 2004, 70, .	4.7	33
57	The muon system of the Daya Bay Reactor antineutrino experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 773, 8-20.	1.6	33
58	Metal-loaded organic scintillators for neutrino physics. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 093001.	3.6	33
59	Measurement of radium concentration in water with Mn-coated beads at the Sudbury Neutrino Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 501, 399-417.	1.6	30
60	Experiment to demonstrate separation of Cherenkov and scintillation signals. Physical Review C, 2017, 95, .	2.9	30
61	Limits on sub-GeV dark matter from the PROSPECT reactor antineutrino experiment. Physical Review D, 2021, 104, .	4.7	29
62	Characterization and modeling of a Water-based Liquid Scintillator. Journal of Instrumentation, 2015, 10, P12009-P12009.	1.2	28
63	Cherenkov and scintillation light separation in organic liquid scintillators. European Physical Journal C, 2017, 77, 1.	3.9	28
64	Improved measurement of the reactor antineutrino flux at Daya Bay. Physical Review D, 2019, 100, .	4.7	28
65	New measurement ofî¸13via neutron capture on hydrogen at Daya Bay. Physical Review D, 2016, 93, .	4.7	26
66	Slow liquid scintillator candidates for MeV-scale neutrino experiments. Astroparticle Physics, 2019, 109, 33-40.	4.3	26
67	Characterization of water-based liquid scintillator for Cherenkov and scintillation separation. European Physical Journal C, 2020, 80, 1.	3.9	25
68	Candidates for two-phonon octupole excitations in208Pb. Physical Review C, 1998, 57, R2085-R2089.	2.9	24
69	SEARCHES FOR HIGH-FREQUENCY VARIATIONS IN THE⁸B SOLAR NEUTRINO FLUX AT THE SUDBURY NEUTRINO OBSERVATORY. Astrophysical Journal, 2010, 710, 540-548.	4.5	24
70	Identification of radiopure titanium for the LZ dark matter experiment and future rare event searches. Astroparticle Physics, 2017, 96, 1-10.	4.3	24
71	Performance of a segmented ⁶Li-loaded liquid scintillator detector for the PROSPECT experiment. Journal of Instrumentation, 2018, 13, P06023-P06023.	1.2	23
72	Constraints on neutrino lifetime from the Sudbury Neutrino Observatory. Physical Review D, 2019, 99, .	4.7	23

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73	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">B</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> solar neutrino flux in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>SNO</mml:mi><mml:mo>+</mml:mo></mml:mrow></mml:math>	4.7	23
74	MeV-scale performance of water-based and pure liquid scintillator detectors. Physical Review D, 2021, 103, .	4.7	23
75	Projected sensitivity of the LUX-ZEPLIN experiment to the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>0</mml:mn><mml:mi>Î½</mml:mi><mml:mi>Î²</mm decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Xe</mml:mi><mml:mprescripts /><mml:none /><mml:mn>136</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2020, 102,	2.9	23
76	Background radiation measurements at high power research reactors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 806, 401-419.	1.6	22
77	Measurement of dissolved in water at the Sudbury Neutrino Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 517, 139-153.	1.6	21
78	Optical attenuation measurements in metal-loaded liquid scintillators with a long-pathlength photometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 637, 47-52.	1.6	21
79	A high precision calibration of the nonlinear energy response at Daya Bay. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 940, 230-242.	1.6	21
80	Search for invisible modes of nucleon decay in water with the SNO+ detector. Physical Review D, 2019, 99, .	4.7	20
81	Light collection and pulse-shape discrimination in elongated scintillator cells for the PROSPECT reactor antineutrino experiment. Journal of Instrumentation, 2015, 10, P11004-P11004.	1.2	19
82	Development, characterisation, and deployment of the SNO+ liquid scintillator. Journal of Instrumentation, 2021, 16, P05009.	1.2	19
83	Time response of water-based liquid scintillator from X-ray excitation. Materials Advances, 2020, 1, 71-76.	5.4	19
84	Muon flux measurement at China Jinping Underground Laboratory *. Chinese Physics C, 2021, 45, 025001.	3.7	18
85	Light-weight flexible magnetic shields for large-aperture photomultiplier tubes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 737, 222-228.	1.6	17
86	A search for astrophysical burst signals at the Sudbury Neutrino Observatory. Astroparticle Physics, 2014, 55, 1-7.	4.3	17
87	Decay properties of states populated with the207Pb(n,nâ€²Î³)reaction and weak coupling in207Pb. Physical Review C, 2000, 61, .	2.9	16
88	Purification of lanthanides for large neutrino detectors: Thorium removal from gadolinium chloride. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 618, 124-130.	1.6	16
89	Lithium-loaded liquid scintillator production for the PROSPECT experiment. Journal of Instrumentation, 2019, 14, P03026-P03026.	1.2	16
90	Simulations of events for the LUX-ZEPLIN (LZ) dark matter experiment. Astroparticle Physics, 2021, 125, 102480.	4.3	16

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91	The JSNS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e376" altimg="si25.svg"><mml:msup><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup></mml:math> detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1014, 165742.	1.6	16
92	First neutrino observations from the Sudbury Neutrino Observatory. Nuclear Physics, Section B, Proceedings Supplements, 2001, 91, 21-28.	0.4	15
93	LOW-MULTIPLICITY BURST SEARCH AT THE SUDBURY NEUTRINO OBSERVATORY. Astrophysical Journal, 2011, 728, 83.	4.5	15
94	Search for a time-varying electron antineutrino signal at Daya Bay. Physical Review D, 2018, 98, .	4.7	15
95	Projected sensitivities of the LUX-ZEPLIN experiment to new physics via low-energy electron recoils. Physical Review D, 2021, 104, .	4.7	15
96	Measurement of $$alpha $$-particle quenching in LAB based scintillator in independent small-scale experiments. European Physical Journal C, 2016, 76, 1.	3.9	14
97	Lifetimes in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Te</mml:mi><mml:mprescripts /><mml:none /><mml:mn>124</mml:mn></mml:mmultiscripts></mml:math> : Examining critical-point symmetry in the Te nuclei. Physical Review C, 2017, 95, .	2.9	14
98	Acrylic target vessels for a high-precision measurement of Î¸13with the Daya Bay antineutrino detectors. Journal of Instrumentation, 2012, 7, P06004-P06004.	1.2	13
99	Tests of Lorentz invariance at the Sudbury Neutrino Observatory. Physical Review D, 2018, 98, .	4.7	13
100	Antineutrino Energy Spectrum Unfolding Based on the Daya Bay Measurement and Its Applications. Chinese Physics C, 0, , .	3.7	13
101	Seasonal variation of the underground cosmic muon flux observed at Daya Bay. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 001-001.	5.4	12
102	Search for <i>hep</i> solar neutrinos and the diffuse supernova neutrino background using all three phases of the Sudbury Neutrino Observatory. Physical Review D, 2020, 102, .	4.7	12
103	Joint Determination of Reactor Antineutrino Spectra from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">U</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>235</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mm	7.8	12
104	Levels of208Pb from the207Pb(n,Î³)reaction with a guided neutron beam. Physical Review C, 1998, 57, 2740-2743.	2.9	11
105	Neutral current and day night measurements from the pure D2O phase of SNO. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 3-14.	0.4	11
106	High sensitivity measurement of 224Ra and 226Ra in water with an improved hydrous titanium oxide technique at the Sudbury Neutrino Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 531-535.	1.6	11
107	Joint Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">U</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>235</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Antineutrino Spectrum by PROSPECT and STEREO. Physical Review Letters, 2022, 128, 081802.	7.8	11
108	Measurement of radiation damage of water-based liquid scintillator and liquid scintillator. Journal of Instrumentation, 2015, 10, P10027-P10027.	1.2	10

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109	A liquid scintillation detector for radioassay of gadolinium-loaded liquid scintillator for the LZ Outer Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 937, 148-163.	1.6	10
110	A low mass optical grid for the PROSPECT reactor antineutrino detector. Journal of Instrumentation, 2019, 14, P04014-P04014.	1.2	10
111	A spectroscopic investigation of temperature effects on solution complexation in the Eu3+â€“acetate system. Journal of Alloys and Compounds, 2000, 303-304, 37-41.	5.5	9
112	Characterization of positronium properties in doped liquid scintillators. Physical Review C, 2013, 88, .	2.9	9
113	Purification of telluric acid for SNO+ neutrinoless double-beta decay search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 795, 132-139.	1.6	9
114	Cosmogenic neutron production at Daya Bay. Physical Review D, 2018, 97, .	4.7	8
115	Rejection of surface background in thermal detectors: The ABSuRD project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 286-289.	1.6	7
116	Measurement of cosmic-ray muons and muon-induced neutrons in the Aberdeen Tunnel Underground Laboratory. Physical Review D, 2016, 93, .	4.7	7
117	Search for a 2485-keV Î³ ray inPb208with the inelastic neutron scattering reaction. Physical Review C, 1996, 54, 942-944.	2.9	6
118	On the first excited state of137Ba. Journal of Radioanalytical and Nuclear Chemistry, 1997, 219, 217-220.	1.5	6
119	The water purification system for the Daya Bay Reactor Neutrino Experiment. Journal of Water Process Engineering, 2015, 5, 127-135.	5.6	6
120	Temperature quenching in LAB based liquid scintillator. European Physical Journal C, 2018, 78, 1.	3.9	6
121	Cosmogenic neutron production at the Sudbury Neutrino Observatory. Physical Review D, 2019, 100, .	4.7	6
122	Cherenkov and scintillation separation in water-based liquid scintillator using an LAPPDTM. European Physical Journal C, 2022, 82, 1.	3.9	6
123	Temperature Dependence of Chloride Complexation for the Trivalent f-Elements. Journal of Radioanalytical and Nuclear Chemistry, 2000, 243, 645-650.	1.5	5
124	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2001, 248, 493-499.	1.5	5
125	An apparatus for studying spallation neutrons in the Aberdeen Tunnel laboratory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 723, 67-82.	1.6	5
126	Improving light yield measurements for low-yield scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 925, 1-5.	1.6	5

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127	Measurement of neutron-proton capture in the SNO+ water phase. Physical Review C, 2020, 102, .	2.9	5
128	Projected sensitivity of the LUX-ZEPLIN experiment to the two-neutrino and neutrinoless double <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> decays of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Xe</mml:mi><mml:mprescripts /><mml:none /><mml:mn>134</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2021, 104, .	2.9	5
129	PROSPECT-II physics opportunities. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 070501.	3.6	5
130	Two-phonon octupole excitations in and the role of E1 transitions in their decays. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 691-693.	3.6	4
131	Probing Cherenkov and Scintillation Light Separation for Next-Generation Neutrino Detectors. Journal of Physics: Conference Series, 2017, 888, 012056.	0.4	4
132	Nonfuel antineutrino contributions in the ORNL High Flux Isotope Reactor (HFIR). Physical Review C, 2020, 101, .	2.9	4
133	Studies of Doped Scintillator at BNL: A Generic Method for Neutrino Measurement. AIP Conference Proceedings, 2005, , .	0.4	3
134	Indium-Loaded Liquid Scintillator for Solar Neutrino Spectroscopy. Nuclear Physics, Section B, Proceedings Supplements, 2011, 221, 337.	0.4	3
135	Rejection of Alpha Surface Background in Non-scintillating Bolometric Detectors: The ABSuRD Project. Journal of Low Temperature Physics, 2016, 184, 879-884.	1.4	3
136	The radioactive source calibration system of the PROSPECT reactor antineutrino detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 944, 162465.	1.6	3
137	Performance of PMTs for the JSNS2 experiment. Journal of Instrumentation, 2020, 15, T07003-T07003.	1.2	3
138	Improved search for invisible modes of nucleon decay in water with the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>SNO</mml:mi><mml:mo>+</mml:mo><mml:mtext>detector</mml:mtext></mml:mrow></mml Physical Review D, 2022, 105, .	4.7	3
139	Quadrupole-octupole coupled states in. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 823-825.	3.6	2
140	Light yield quenching and quenching remediation in liquid scintillator detectors. Journal of Instrumentation, 2020, 15, P12020-P12020.	1.2	2
141	Rejection of Surface Background in Thermal Detectors. Journal of Low Temperature Physics, 2014, 176, 898.	1.4	1
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