Minfang Yeh

List of Publications by Year
in descending order

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	Cherenkov and scintillation separation in water-based liquid scintillator using an LAPPDTM. European Physical Journal C, 2022, 82, 1.	3.9	6
2	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>	7.8	12
3	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
4	PROSPECT-II physics opportunities. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 070501.	3.6	5
5	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></m Physical Review D, 2022, 105, .	4.7	3
6	Simulations of events for the LUX-ZEPLIN (LZ) dark matter experiment. Astroparticle Physics, 2021, 125, 102480.	4.3	16
7	Muon flux measurement at China Jinping Underground Laboratory *. Chinese Physics C, 2021, 45, 025001.	3.7	18
8	Improved short-baseline neutrino oscillation search and energy spectrum measurement with the PROSPECT experiment at HFIR. Physical Review D, 2021, 103, .	4.7	60
9	A spectrometric approach to measuring the Rayleigh scattering length for liquid scintillator detectors. Journal of Instrumentation, 2021, 16, P03009.	1.2	1
10	MeV-scale performance of water-based and pure liquid scintillator detectors. Physical Review D, 2021, 103, .	4.7	23
11	Development, characterisation, and deployment of the SNO+ liquid scintillator. Journal of Instrumentation, 2021, 16, P05009.	1.2	19
12	Search for electron-antineutrinos associated with gravitational-wave events GW150914, GW151012, GW151226, GW170104, GW170608, GW170814, and GW170817 at Daya Bay *. Chinese Physics C, 2021, 45, 055001.	3.7	1
13	Limits on sub-GeV dark matter from the PROSPECT reactor antineutrino experiment. Physical Review D, 2021, 104, .	4.7	29
14	The SNO+ experiment. Journal of Instrumentation, 2021, 16, P08059.	1.2	45
15	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
16	Projected sensitivities of the LUX-ZEPLIN experiment to new physics via low-energy electron recoils. Physical Review D, 2021, 104, .	4.7	15
17	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
18	Characterization of water-based liquid scintillator for Cherenkov and scintillation separation. European Physical Journal C, 2020, 80, 1.	3.9	25

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19	Theia: an advanced optical neutrino detector. European Physical Journal C, 2020, 80, 1.	3.9	70
20	The LUX-ZEPLIN (LZ) radioactivity and cleanliness control programs. European Physical Journal C, 2020, 80, 1.	3.9	38
21	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
22	The JSNS2 data acquisition system. Journal of Instrumentation, 2020, 15, T09002-T09002.	1.2	1
23	Measurement of neutron-proton capture in the SNO+ water phase. Physical Review C, 2020, 102, .	2.9	5
24	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
25	Nonfuel antineutrino contributions in the ORNL High Flux Isotope Reactor (HFIR). Physical Review C, 2020, 101, .	2.9	4
26	Projected WIMP sensitivity of the LUX-ZEPLIN dark matter experiment. Physical Review D, 2020, 101, .	4.7	141
27	Time response of water-based liquid scintillator from X-ray excitation. Materials Advances, 2020, 1, 71-76.	5.4	19
28	Performance of PMTs for the JSNS2 experiment. Journal of Instrumentation, 2020, 15, T07003-T07003.	1.2	3
29	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</mml:m 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
30	Light yield quenching and quenching remediation in liquid scintillator detectors. Journal of Instrumentation, 2020, 15, P12020-P12020.	1.2	2
31	Constraints on neutrino lifetime from the Sudbury Neutrino Observatory. Physical Review D, 2019, 99, .	4.7	23
32	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
33	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
34	Improved measurement of the reactor antineutrino flux at Daya Bay. Physical Review D, 2019, 100, .	4.7	28
35	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
36	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

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37	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
38	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
39	A low mass optical grid for the PROSPECT reactor antineutrino detector. Journal of Instrumentation, 2019, 14, P04014-P04014.	1.2	10
40	Lithium-loaded liquid scintillator production for the PROSPECT experiment. Journal of Instrumentation, 2019, 14, P03026-P03026.	1.2	16
41	Slow liquid scintillator candidates for MeV-scale neutrino experiments. Astroparticle Physics, 2019, 109, 33-40.	4.3	26
42	Search for invisible modes of nucleon decay in water with the SNO+ detector. Physical Review D, 2019, 99, .	4.7	20
43	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
44	Cosmogenic neutron production at the Sudbury Neutrino Observatory. Physical Review D, 2019, 100, .	4.7	6
45	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
46	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
47	Temperature quenching in LAB based liquid scintillator. European Physical Journal C, 2018, 78, 1.	3.9	6
48	First Search for Short-Baseline Neutrino Oscillations at HFIR with PROSPECT. Physical Review Letters, 2018, 121, 251802.	7.8	99
49	Tests of Lorentz invariance at the Sudbury Neutrino Observatory. Physical Review D, 2018, 98, .	4.7	13
50	Search for a time-varying electron antineutrino signal at Daya Bay. Physical Review D, 2018, 98, .	4.7	15
51	Measurement of the Electron Antineutrino Oscillation with 1958 Days of Operation at Daya Bay. Physical Review Letters, 2018, 121, 241805.	7.8	168
52	Cosmogenic neutron production at Daya Bay. Physical Review D, 2018, 97, .	4.7	8
53	Performance of a segmented ⁶Li-loaded liquid scintillator detector for the PROSPECT experiment. Journal of Instrumentation, 2018, 13, P06023-P06023.	1.2	23
54	Physics prospects of the Jinping neutrino experiment. Chinese Physics C, 2017, 41, 023002.	3.7	74

#	ARTICLE	IF	CITATIONS
55	Improved measurement of the reactor antineutrino flux and spectrum at Daya Bay. Chinese Physics C, 2017, 41, 013002.	3.7	96
56	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
57	Identification of radiopure titanium for the LZ dark matter experiment and future rare event searches. Astroparticle Physics, 2017, 96, 1-10.	4.3	24
58	Search for neutron-antineutron oscillations at the Sudbury Neutrino Observatory. Physical Review D, 2017, 96, .	4.7	34
59	Experiment to demonstrate separation of Cherenkov and scintillation signals. Physical Review C, 2017, 95, .	2.9	30
60	Measurement of electron antineutrino oscillation based on 1230Âdays of operation of the Daya Bay experiment. Physical Review D, 2017, 95, .	4.7	118
61	Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2017, 118, 251801.	7.8	129
62	Cherenkov and scintillation light separation in organic liquid scintillators. European Physical Journal C, 2017, 77, 1.	3.9	28
63	Probing Cherenkov and Scintillation Light Separation for Next-Generation Neutrino Detectors. Journal of Physics: Conference Series, 2017, 888, 012056.	0.4	4
64	Current Status and Future Prospects of the SNO+ Experiment. Advances in High Energy Physics, 2016, 2016, 1-21.	1.1	185
65	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
66	Measurement of Cosmic-ray Muon-induced Spallation Neutrons in the Aberdeen Tunnel Underground Laboratory. Nuclear and Particle Physics Proceedings, 2016, 273-275, 2675-2677.	0.5	0
67	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
68	Metal-loaded organic scintillators for neutrino physics. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 093001.	3.6	33
69	Measurement of cosmic-ray muons and muon-induced neutrons in the Aberdeen Tunnel Underground Laboratory. Physical Review D, 2016, 93, .	4.7	7
70	New measurement ofÎ¸13via neutron capture on hydrogen at Daya Bay. Physical Review D, 2016, 93, .	4.7	26
71	The PROSPECT physics program. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 113001.	3.6	53
72	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

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73	Measurement of $$alpha $$-particle quenching in LAB based scintillator in independent small-scale experiments. European Physical Journal C, 2016, 76, 1.	3.9	14
74	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
75	Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay. Physical Review Letters, 2016, 116, 061801.	7.8	161
76	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
77	New Measurement of Antineutrino Oscillation with the Full Detector Configuration at Daya Bay. Physical Review Letters, 2015, 115, 111802.	7.8	176
78	Characterization and modeling of a Water-based Liquid Scintillator. Journal of Instrumentation, 2015, 10, P12009-P12009.	1.2	28
79	Radiopure metal-loaded liquid scintillator. AIP Conference Proceedings, 2015, , .	0.4	0
80	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
81	Measurement of radiation damage of water-based liquid scintillator and liquid scintillator. Journal of Instrumentation, 2015, 10, P10027-P10027.	1.2	10
82	The water purification system for the Daya Bay Reactor Neutrino Experiment. Journal of Water Process Engineering, 2015, 5, 127-135.	5.6	6
83	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
84	Independent measurement of the neutrino mixing angleÎ¸13via neutron capture on hydrogen at Daya Bay. Physical Review D, 2014, 90, .	4.7	42
85	Results from the Daya Bay Reactor Neutrino Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2014, 246-247, 18-22.	0.4	0
86	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
87	Search for a Light Sterile Neutrino at Daya Bay. Physical Review Letters, 2014, 113, 141802.	7.8	79
88	Rejection of Surface Background in Thermal Detectors. Journal of Low Temperature Physics, 2014, 176, 898.	1.4	1
89	A search for astrophysical burst signals at the Sudbury Neutrino Observatory. Astroparticle Physics, 2014, 55, 1-7.	4.3	17
90	Spectral Measurement of Electron Antineutrino Oscillation Amplitude and Frequency at Daya Bay. Physical Review Letters, 2014, 112, 061801.	7.8	219

#	ARTICLE	IF	CITATIONS
91	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
92	Measurement of ortho-positronium properties in liquid scintillators. Journal of Instrumentation, 2014, 9, C03028-C03028.	1.2	1
93	Combined analysis of all three phases of solar neutrino data from the Sudbury Neutrino Observatory. Physical Review C, 2013, 88, .	2.9	267
94	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
95	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
96	Improved measurement of electron antineutrino disappearance at Daya Bay. Chinese Physics C, 2013, 37, 011001.	3.7	253
97	Measurement of ortho-positronium properties in liquid scintillators. , 2013, , .		0
98	Characterization of positronium properties in doped liquid scintillators. Physical Review C, 2013, 88, .	2.9	9
99	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
100	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
101	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
102	Observation of Electron-Antineutrino Disappearance at Daya Bay. Physical Review Letters, 2012, 108, 171803.	7.8	1,751
103	Radio-Purification of Neodymium Chloride. , 2011, , .		0
104	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
105	Indium-Loaded Liquid Scintillator for Solar Neutrino Spectroscopy. Nuclear Physics, Section B, Proceedings Supplements, 2011, 221, 337.	0.4	3
106	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
107	LOW-MULTIPLICITY BURST SEARCH AT THE SUDBURY NEUTRINO OBSERVATORY. Astrophysical Journal, 2011, 728, 83.	4.5	15
108	SEARCHES FOR HIGH-FREQUENCY VARIATIONS IN THE⁸B SOLAR NEUTRINO FLUX AT THE SUDBURY NEUTRINO OBSERVATORY. Astrophysical Journal, 2010, 710, 540-548.	4.5	24

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109	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
110	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
111	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
112	Measurement of the cosmic ray and neutrino-induced muon flux at the Sudbury neutrino observatory. Physical Review D, 2009, 80, .	4.7	42
113	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
114	Determination of theÎ½eand totalB8solar neutrino fluxes using the Sudbury Neutrino Observatory Phase I data set. Physical Review C, 2007, 75, .	2.9	112
115	Properties ofCd112from the(n,n'Î³)reaction: Lifetimes and transition rates. Physical Review C, 2007, 75, .	2.9	52
116	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
117	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
118	Very Long Baseline Neutrino Oscillation Experiments for Precise Measurements of Mixing Parameters and CP Violating Effects. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 576.	0.4	0
119	Studies of Doped Scintillator at BNL: A Generic Method for Neutrino Measurement. AIP Conference Proceedings, 2005, , .	0.4	3
120	Search for periodicities in theB8solar neutrino flux measured by the Sudbury Neutrino Observatory. Physical Review D, 2005, 72, .	4.7	54
121	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
122	Constraints on Nucleon Decay via Invisible Modes from the Sudbury Neutrino Observatory. Physical Review Letters, 2004, 92, 102004.	7.8	40
123	Electron antineutrino search at the Sudbury Neutrino Observatory. Physical Review D, 2004, 70, .	4.7	33
124	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
125	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
126	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

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127	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
128	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
129	Very long baseline neutrino oscillation experiments for precise measurements of mixing parameters andCPviolating effects. Physical Review D, 2003, 68, .	4.7	100
130	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
131	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
132	First neutrino observations from the Sudbury Neutrino Observatory. Nuclear Physics, Section B, Proceedings Supplements, 2001, 91, 21-28.	0.4	15
133	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2001, 248, 493-499.	1.5	5
134	Properties of112Cdfrom the(n,nâ€²Î³)reaction: Levels and level densities. Physical Review C, 2001, 64, .	2.9	38
135	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
136	Temperature Dependence of Chloride Complexation for the Trivalent f-Elements. Journal of Radioanalytical and Nuclear Chemistry, 2000, 243, 645-650.	1.5	5
137	Particle-vibration coupling and octupole collectivity in odd-a spherical nuclei. AIP Conference Proceedings, 2000, , .	0.4	0
138	Decay properties of states populated with the207Pb(n,nâ€²Î³)reaction and weak coupling in207Pb. Physical Review C, 2000, 61, .	2.9	16
139	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
140	Quadrupole-octupole coupled states in. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 823-825.	3.6	2
141	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
142	Quadrupole-octupole coupled states in112Cd. Physical Review C, 1999, 59, 2455-2461.	2.9	44
143	The effect of elevated temperature on the complexation of am3+ with chloride. Biological Trace Element Research, 1999, 71-72, 647-647.	3.5	0
144	Candidates for two-phonon octupole excitations in208Pb. Physical Review C, 1998, 57, R2085-R2089.	2.9	24

#	Article	IF	Citations
145	Levels of208Pb from the207Pb(n,Î³)reaction with a guided neutron beam. Physical Review C, 1998, 57, 2740-2743.	2.9	11
146	KÏ€=0+and4+Two-PhononÎ³-Vibrational States in166Er. Physical Review Letters, 1997, 78, 4545-4548.	7.8	74
147	On the first excited state of137Ba. Journal of Radioanalytical and Nuclear Chemistry, 1997, 219, 217-220.	1.5	6
148	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
149	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
150	Two-Phonon Octupole Excitation in208Pb. Physical Review Letters, 1996, 76, 1208-1211.	7.8	64
151	First observation of mixed-symmetry states in a good U(5) nucleus. Physical Review C, 1996, 54, 2259-2263.	2.9	51
152	Search for a 2485-keV Î³ ray inPb208with the inelastic neutron scattering reaction. Physical Review C, 1996, 54, 942-944.	2.9	6
153	Antineutrino Energy Spectrum Unfolding Based on the Daya Bay Measurement and Its Applications. Chinese Physics C, 0, , .	3.7	13