Torsten Soldner

List of Publications by Year
in descending order

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Version: 2024-02-01

138 papers	2,415 citations	201674 27 h-index	265206 42 g-index
139 all docs	139 docs citations	139 times ranked	1410 citing authors

#	Article	IF	Citations
1	Searching for Hidden Neutrons with a Reactor Neutrino Experiment: Constraints from the STEREO Experiment. Physical Review Letters, 2022, 128, 061801.	7.8	6
2	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> Anti-spin-particle-coherent Horizontal Polarization. Physical Review Letters, 2022, 128, 081802.	7.8	11
3	Low-spin proton-core and neutron-core excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ca</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>41</mml:mn><mml:mo>,</mml:mo><mml:mn>47</mml:mn><mml:mo>,</mml:mo><mml:mn>49</mml:mn> isotopes studied by cold-neutron-capture reactions. Physical Review C, 2021, 103, .	2.9	3
4	Medium-spin states of the neutron-rich nucleus <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Br</mml:mi><mml:mprescripts /><mml:none /><mml:mn>87</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2021, 103, .	2.9	5
5	Measurement of relative isotopic yield distribution of even-even fission fragments from U235 (nth,f) following Î³ -ray spectroscopy. Physical Review C, 2021, 103, .	2.9	3
6	First antineutrino energy spectrum from ²³⁵U fissions with the STEREO detector at ILL [*]. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 075107.	3.6	15
7	Observation of excited states in the neutron-rich nucleus Br89. Physical Review C, 2021, 104, .	2.9	2
8	Measuring the delayed neutrons multiplicity and kinetic parameters for the thermal induced fission of 235U, 239Pu and 233U. EPJ Web of Conferences, 2021, 253, 01004.	0.3	4
9	Structure of even-even Sr isotopes with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>50</mml:mn><mml:mo>â‰¤</mml:mo><mml:mi>N</mml:mi> neutrons. Physical Review C, 2021, 104, .	2.9	1
10	Neutron radiobiology studies with a pure cold neutron beam. Nuclear Instruments & Methods in Physics Research B, 2020, 462, 24-31.	1.4	5
11	Low- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Z</mml:mi></mml:math> boundary of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>88</mml:mn> â€“90 shape phase transition: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ce</mml:mi><mml:mprescripts	2.9	9
12	Accurate Measurement of the Beta-Asymmetry in Neutron Decay Rules out Dark Decay Mode. Journal of Surface Investigation, 2020, 14, S140-S143.	0.5	2
13	Limit on the Fierz Interference Term b from a Measurement of the Beta Asymmetry in Neutron Decay. Physical Review Letters, 2020, 125, 112501.	7.8	17
14	Lifetime measurements in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>odd</mml:mi><mml:mtext>â^’</mml:mtext><mml:mi>A< nucleus <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Hf</mml:mi><mml:mprescripts /><mml:none /><mml:mn>177</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2020, 102, .	2.9	8
15	Fissions from the STEREO Experiment with 119 Days of Reactor-On Data. Physical Review Letters, 2020, 1	7.8	20
16	Improved sterile neutrino constraints from the STEREO experiment with 179Âdays of reactor-on data. Physical Review D, 2020, 102, .	4.7	60
17	Improved determination of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>I²</mml:mi><mml:mtext>a˜</mml:mtext><mml:msub> angular correlation coefficient <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>a</mml:mi></mml:math> in free neutron decay with the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>a</mml:mi><mml:mi>SPECT</mml:mi>. Ph	2.9	28
18	Radiobiology data of melanoma cells after low-energy neutron irradiation and boron compound administration. Applied Radiation and Isotopes, 2020, 163, 109205.	1.5	1

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19	Lifetimes and shape-coexisting states of Zr99. Physical Review C, 2019, 100, .	2.9	10
20	Effects of the nuclear structure of fission fragments on the high-energy prompt fission Î³ -ray spectrum in U235(nth,f). Physical Review C, 2019, 100, .	2.9	11
21	A project of advanced solid-state neutron polarizer for PF1B instrument at Institut Laue-Langevin. Review of Scientific Instruments, 2019, 90, 085112.	1.3	6
22	Low-lying octupole isovector excitation in Nd144. Physical Review C, 2019, 99, .	2.9	1
23	Measurement of the Weak Axial-Vector Coupling Constant in the Decay of Free Neutrons Using a Pulsed Cold Neutron Beam. Physical Review Letters, 2019, 122, 242501.	7.8	121
24	Decay properties of the ${3}_{1}^{-}$ level in 96Mo. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 075101.	3.6	7
25	Constraints on the Dark Matter Interpretation nâ†'Ï‡+e+eâ^' of the Neutron Decay Anomaly with the PERKEO II Experiment. Physical Review Letters, 2019, 122, 222503.	7.8	18
26	Exotic decay channels are not the cause of the neutron lifetime anomaly. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 6-10.	4.1	31
27	The pulsed neutron beam EDM experiment. EPJ Web of Conferences, 2019, 219, 02004.	0.3	7
28	ANNI â€“ A pulsed cold neutron beam facility for particle physics at the ESS. EPJ Web of Conferences, 2019, 219, 10003.	0.3	16
29	BRAND â€“ Search for BSM physics at TeV scale by exploring transverse polarization of electrons emitted in neutron decay. EPJ Web of Conferences, 2019, 219, 04001.	0.3	11
30	Search for light sterile neutrinos with the STEREO experiment. EPJ Web of Conferences, 2019, 219, 08001.	0.3	2
31	Improved STEREO simulation with a new gamma ray spectrum of excited gadolinium isotopes using FIFRELIN. European Physical Journal A, 2019, 55, 1.	2.5	18
32	NoMoS: An Râ€‰Ã—â€‰B drift momentum spectrometer for beta decay studies. EPJ Web of Conferences, 2019, 219, 04003.	0.3	5
33	Design of the magnet system of the neutron decay facility PERC. EPJ Web of Conferences, 2019, 219, 04007.	0.3	14
34	Dark decay channel analysis (nâ€‰â†'â€‰Ï‡â€‰+â€‰e+â€‰eâ^') with the PERKEO II experiment. EPJ Web of Conferences, 2019, 21 05007.	0.3	0
35	Measurement of the 13C(n,$gamma$) thermal cross section via neutron irradiation and AMS. European Physical Journal A, 2019, 55, 1.	2.5	5
36	Investigating Core Excitations in the ^{131}Sn One-valence-hole Nucleus. Acta Physica Polonica B, 2019, 50, 285.	0.8	3

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37	The boundary of the N=90 shape phase transition: 148Ce. Journal of Physics: Conference Series, 2018, 1023, 012022.	0.4	0
38	EXOGAM at the ILL: the EXILL campaign. Journal of Physics: Conference Series, 2018, 966, 012012.	0.4	0
39	The Î³-Î³ fast-timing technique and the EXILL&FATIMA campaign. EPJ Web of Conferences, 2018, 193, 04008.	0.3	0
40	(n,Î³) reactions on rare Ca isotopes: Valence-hole - core excitation couplings in 47Ca. EPJ Web of Conferences, 2018, 193, 05001.	0.3	2
41	Excited States and Collectivity in 88Se. EPJ Web of Conferences, 2018, 193, 05002.	0.3	0
42	New nuclear structure data after fission: The g.s. of 136Sb. EPJ Web of Conferences, 2018, 193, 05005.	0.3	0
43	The Î³-ray spectroscopy studies of low-spin structures in 210Bi and 206Tl using cold neutron capture reactions. EPJ Web of Conferences, 2018, 193, 05007.	0.3	0
44	The STEREO experiment. Journal of Instrumentation, 2018, 13, P07009-P07009.	1.2	41
45	Lifetime measurement in neutron-rich A~100 nuclei. EPJ Web of Conferences, 2018, 193, 05003.	0.3	0
46	Low-spin excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mn>97</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2018, 98, .	2.9	7
47	EXOGAM at the ILL: the EXILL campaign. EPJ Web of Conferences, 2018, 178, 01004.	0.3	0
48	Sterile Neutrino Constraints from the STEREO Experiment with 66ÂDays of Reactor-On Data. Physical Review Letters, 2018, 121, 161801.	7.8	80
49	New yrast and nonyrast states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">I</mml:mi><mml:mprescripts /><mml:none /><mml:mn>136</mml:mn></mml:mmultiscripts></mml:math> and medium-spin structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">I</mml:mi><mml:mprescripts /><mml:none	2.9	9
50	A new detector system for the measurement of high-energy prompt Î³-rays for low-energy neutron induced fission. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 906, 88-96.	1.6	4
51	Half-life of the15/2+state of135: A test ofE2seniority relations. Physical Review C, 2017, 95, .	2.9	10
52	New isomer in ⁹⁶ Y marking the onset of deformation at N = 57. Europhysics Letters, 2017, 117, 12001.	2.0	18
53	Medium and high spin structure in the94Y isotope produced in fission induced by cold neutrons. Physica Scripta, 2017, 92, 104001.	2.5	2
54	Identification of excited states and collectivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">Se</mml:mi><mml:mprescripts /><mml:none /><mml:mn>88</mml:mn></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review C, 2017, 95, .	2.9	15

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55	Experimental study of the lifetime and phase transition in neutron-rich <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>98</mml:mn><mml:mo>,</mml:mo><mml:mn>100</mml:mn><mml:mo>,</mml:mo><mml:mn>102</mml:mn>	2.9	38
56	Shape coexistence in the odd-odd nucleus <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Y</mml:mi><mml:mprescripts /><mml:none /><mml:mn>98</mml:mn></mml:mmultiscripts></mml:math> : The role of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>g</mml:mi><mml:mrow><mml:mn>9</mml:mn>	2.9	16
57	neutron extruder. Physical Review C, 2017, 96, . : <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>B</mml:mi><mml:mo>(</mml:mo><mml:mi>E2</mml:mi> values in <mml:math	2.9	29
58	Structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Kr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>90</mml:mn><mml:mo>,</mml:mo><mml:mn>91</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> nuclei: Solving the puzzle of their population in fission. Physical Review C, 2017, 95, .	2.9	10
59	Reduction in the uncertainty of the neutron-capture cross section of 210Bi: Impact of a precise multipolarity measurement of the 2â^' â†' 1â^' main ground-state transition. EPJ Web of Conferences, 2017, 146, 10011.	0.3	0
60	Measurement of high-energy prompt gamma-rays from neutron induced fission of U-235. EPJ Web of Conferences, 2017, 146, 04036.	0.3	5
61	EXILLâ€"a high-efficiency, high-resolution setup for Î³-spectroscopy at an intense cold neutron beam facility. Journal of Instrumentation, 2017, 12, P11003-P11003.	1.2	39
62	Yrast Structure Above the 9.6 s 8^+ Isomer in ^{96}Y Isotope. Acta Physica Polonica B, 2017, 48, 581.	0.8	4
63	Fundamental physics possibilities at the European Spallation Source. Journal of Physics: Conference Series, 2016, 746, 012051.	0.4	3
64	Medium-spin states of the neutron-rich^{87,89}Br isotopes: configurations and shapes. Journal of Physics: Conference Series, 2016, 724, 012051.	0.4	2
65	The mutable nature of particle-core excitations with spin in the one-valence-proton nucleus 133 Sb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 273-278.	4.1	27
66	Depolarization in polarizing supermirrors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 840, 181-185.	1.6	13
67	A concept of advanced broad-band solid-state supermirror polarizers for cold neutrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 838, 33-38.	1.6	10
68	Neutron-proton multiplets in the odd-odd nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Rb</mml:mi><mml:mn>53</mml:mn><mml:none /><mml:mprescripts /><mml:mn>37</mml:mn><mml:mn>90</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2016, 93, .	2.9	12
69	Approaching complete low-spin spectroscopy ofBi210with a cold-neutron capture reaction. Physical Review C, 2016, 93, .	2.9	12
70	Particular features of ternary fission induced by polarized neutrons in the major actinides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">U</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>233</mml:mn><mml:mo>,</mml:mo><mml:mn>235</mml:mn></mml:mrow></mml:mmultiscripts></mml:m	2.9	22
71	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Pu</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>239</mml:mn><mml:m. Physical Review C, 2016, 93, . Measurement of picosecond lifetimes in neutron-rich Xe isotopes. Physical Review C, 2016, 94, .	2.9	17
72	Low-spin structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Br</mml:mi><mml:mn>51</mml:mn><mml:none /><mml:mprescripts /><mml:mn>35</mml:mn><mml:mn>86</mml:mn></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Kr</mml:mi><mml:mn>50</mml:mn><mml:none /><mml:mprescripts /><mml:mn>36</mml:mn><mml:mn>86</mml:mn></mml:mmultiscripts></mml:math>	2.9	13

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73	Near-parity of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo></mml:m ground-state transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Bi</mml:mi><mml:mprescripts /><mml:none /><mml:mn>210</mml:mn></mml:mmultiscripts></mml:math>via multivariable angular correlation analysis. Physical Review C, 2016, 94, .	2.9	10
74	Experimental study of ultracold neutron production in pressurized superfluid helium. Physical Review C, 2015, 92, .	2.9	16
75	Neutron-proton multiplets in the nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Br</mml:mi><mml:mprescripts /><mml:none /><mml:mn>88</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2015, 92, .	2.9	22
76	The (n,Î³) campaigns at EXILL. EPJ Web of Conferences, 2015, 93, 01014.	0.3	4
77	The EXILL campaign. Pramana - Journal of Physics, 2015, 85, 467-472.	1.8	2
78	The Generalized Centroid Difference method for lifetime measurements viaÎ³-Î³coincidences using large fast-timing arrays. EPJ Web of Conferences, 2015, 93, 01013.	0.3	2
79	From EXILL (EXogam at the ILL) to FIPPS (FIssion Product PromptÎ³-ray Spectrometer). EPJ Web of Conferences, 2015, 93, 01015.	0.3	8
80	Particle-core Couplings Close to Neutron-rich Doubly-magic Nuclei. Acta Physica Polonica B, 2015, 46, 637.	0.8	4
81	Near-yrast excitations in nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>As</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>83</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>: Tracing the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ï€</mml:mi><mml:msub><mml:mi>g</mml:mi><mml:mr	2.9	10
82	Test of the SO(6) selection rule in 196Pt using cold-neutron capture. Nuclear Physics A, 2015, 934, 1-7.	1.5	11
83	Spectroscopy of neutron rich nuclei using cold neutron induced fission of actinide targets at the ILL: the EXILL campaign. EPJ Web of Conferences, 2014, 66, 02010.	0.3	8
84	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>B</mml:mi><mml:mo>(</mml:mo><mml:mi>E</mml:mi> in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Kr</mml:mi><mml:mpresc. Physical Review C, 2014, 90, .	2.9	20
85	New source for ultracold neutrons at the Institut Laue-Langevin. Physical Review C, 2014, 90, .	2.9	47
86	Germanium-gated Î³â€“Î³ fast timing of excited states in fission fragments using the EXILL&FATIMA spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 210-220.	1.6	58
87	Beam Line Parameters for PERC at the ESS. Physics Procedia, 2014, 51, 46-49.	1.2	4
88	Ultra-Sensitive Depolarization Study of Polarizing CoTi Supermirrors with the Opaque Test Bench. Physics Procedia, 2013, 42, 99-105.	1.2	7
89	A trigger-less acquisition system for the EXILL large germanium detectors array. , 2013, , .		3
90	Determination of the Weak Axial Vector Coupling<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î»</mml:mi><mml:mo mathvariant="bold">=</mml:mo><mml:msub><mml:mi>g</mml:mi><mml:mi>A</mml:mi></mml:msub><mml:mo>/</mml:mo><mml:m a Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>-Asymmetry Parameter<mml:math xmlns:mml="http://www.w3.org/1998/M. Physical Review Letters, 2013, 110, 172502.	7.8	135

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91	Spectroscopy of neutron rich nuclei using cold neutron induced fission of actinide targets at the ILL: The EXILL campaign. EPJ Web of Conferences, 2013, 62, 01001.	0.3	13
92	Isomeric levels in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>92</mml:mn></mml:msup></mml:math>Rb and the structure of neutron-rich<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mrow><mml:mn>92</mml:mn><mml:mo>,</mml:mo><mml:mn>94</mml:mn></mml:mrow></mml:msup></mml:math>Rb isotopes. Physical Review C, 2012, 85, .	2.9	23
93	High precision depolarisation measurements with an opaque test bench. Journal of Physics: Conference Series, 2012, 340, 012011.	0.4	8
94	Neutron Decay with PERC: a Progress Report. Journal of Physics: Conference Series, 2012, 340, 012048.	0.4	16
95	Parity-violating asymmetry in the reactions 6Li $(n,alpha)$ 3H and 10B $(n,alpha)^{7}$ Li* $ightarrow$ 7Li $+$ $gamma$. Hyperfine Interactions, 2011, 201, 31-36.	0.5	2
96	Parity-violating asymmetry in the reactions 6Li $(n,alpha)$ 3H and 10B $(n,alpha)^{7}$ Li* $ightarrow$ 7Li $+$ $gamma$. , 2011, , 107-112.		0
97	Measurement of the neutron electric dipole moment via spin rotation in a non-centrosymmetric crystal. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 694, 22-25.	4.1	32
98	Ternary particle emission in spontaneous fission of 250Cf and 252Cf and in neutron induced fission of 249Cf and 251Cf. Nuclear Physics A, 2010, 837, 176-194.	1.5	17
99	Near yrast, medium spin, excited states of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Rb</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>91</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi	2.9	31
100	Effects of high-flux neutron beams on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mtext>H</mml:mtext><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts><mml:mtext>e</mml:mtext></mml:mrow></mml:math>cells polarizedin situwith spin-exchange optical pumping. Physical Review A, 2009, 80, .	2.5	11
101	Perspectives for nEDM Search by Crystal Diffraction. Test Experiment and Results. Nuclear Physics A, 2009, 827, 538c-540c.	1.5	10
102	Investigation of the energy accumulation rate in solid deuterium irradiated with fast electrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 606, 637-644.	1.6	6
103	Measurement of the neutron electric dipole moment by crystal diffraction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 611, 124-128.	1.6	21
104	Measuring the proton spectrum in neutron decayâ€"Latest results with aSPECT. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 611, 203-206.	1.6	16
105	Ultracold-neutron infrastructure for the gravitational spectrometer GRANIT. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 611, 267-271.	1.6	28
106	In situ SEOP polarised 3He neutron spin filter for incident beam polarisation and polarisation analysis on neutron scattering instruments. Physica B: Condensed Matter, 2009, 404, 2659-2662.	2.7	35
107	A coated pixel device TimePix with micron spatial resolution for UCN detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 651-656.	1.6	38
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