Vitaly Chepel

List of Publications by Year
in descending order

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142	3,276	117625	175258
papers	citations	34 h-index	52 g-index

144	144	144	1824
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Iterative reconstruction of SiPM light response functions in a square-shaped compact gamma camera. Physics in Medicine and Biology, 2017, 62, 3619-3638.	3.0	7
2	B-spline parameterization of spatial response in a monolithic scintillation camera. Journal of Instrumentation, 2016, 11, P09014-P09014.	1.2	4
3	High accuracy235U(n,f) data in the resonance energy region. EPJ Web of Conferences, 2016, 111, 02003.	0.3	7
4	Stability of tetraphenyl butadiene thin films in liquid xenon. Thin Solid Films, 2016, 600, 65-70.	1.8	9
5	Neutron-induced fission cross section of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Np</mml:mi><mml:mprescripts /><mml:none /><mml:mn>237</mml:mn></mml:mmultiscripts></mml:math>in the keV to MeV range at the CERN n_TOF facility. Physical Review C, 2016, 93, .	2.9	11
6	ANTS2 package: simulation and experimental data processing for Anger camera type detectors. Journal of Instrumentation, 2016, 11, P04022-P04022.	1.2	41
7	Liquid Hole Multipliers: bubble-assisted electroluminescence in liquid xenon. Journal of Instrumentation, 2015, 10, P08015-P08015.	1.2	21
8	Direct observation of bubble-assisted electroluminescence in liquid xenon. Journal of Instrumentation, 2015, 10, P11002-P11002.	1.2	20
9	Iterative reconstruction of detector response of an Anger gamma camera. Physics in Medicine and Biology, 2015, 60, 4169-4184.	3.0	11
10	Neutron-induced fission cross section ofU234measured at the CERN n_TOF facility. Physical Review C, 2014, 89, .	2.9	14
11	Measurement and analysis of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Am</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>243</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>neutron capture cross section at the n_TOF facility at CERN. Physical Review C, 2014, 90, .	2.9	26
12	Measurement and simulation of the muon-induced neutron yield in lead. Astroparticle Physics, 2013, 47, 67-76.	4.3	31
13	Measurement of the neutron-induced fission cross-section of 241Am at the time-of-flight facility n_TOF. European Physical Journal A, 2013, 49, 1.	2.5	9
14	Liquid noble gas detectors for low energy particle physics. Journal of Instrumentation, 2013, 8, R04001-R04001.	1.2	195
15	A measurement of the muon-induced neutron yield in lead at a depth of 2850 m water equivalent. , 2013, , .		0
16	The<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>93</mml:mn></mml:msup></mml:math>Zr(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (xmlns:mml="http://w	2.9	39
17	reaction up to 8 keV neutron energy. Physical Review C, 2013, 87, . Measurement of resolved resonances of232Th(n,î³) at the n_TOF facility at CERN. Physical Review C, 2012, 85, .	2.9	23
18	Publisher's Note: Measurement of resolved resonances of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>232</mml:mn></mml:msup></mml:math>Th(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (xmlns:mml="http://	2.9	3

#	Article	IF	Citations
19	Measurement and resonance analysis of the237Np neutron capture cross section. Physical Review C, 2012, 85, .	2.9	26
20	Neutron-induced fission cross section of245Cm: New results from data taken at the time-of-flight facility n_TOF. Physical Review C, 2012, 85, .	2.9	13
21	Neutron-induced fission cross section measurement of²³³U,²⁴¹Am and²⁴³Am in the energy range 0.5 MeV â©½E_nâ©½ 20 MeV at n_TOF at CERN. Physica Scripta, 2012, T150, 014005.	2.5	2
22	Performance data from the ZEPLIN-III second science run. Journal of Instrumentation, 2012, 7, C03044-C03044.	1.2	4
23	Position Reconstruction in a Dual Phase Xenon Scintillation Detector. IEEE Transactions on Nuclear Science, 2012, 59, 3286-3293.	2.0	47
24	Resonance neutron-capture cross sections of stable magnesium isotopes and their astrophysical implications. Physical Review C, 2012, 85, .	2.9	55
25	Quenching factor for low-energy nuclear recoils in a plastic scintillator. Physical Review C, 2012, 85, .	2.9	21
26	Radioactivity backgrounds in ZEPLINâ€“III. Astroparticle Physics, 2012, 35, 495-502.	4.3	25
27	WIMP-nucleon cross-section results from the second science run of ZEPLIN-III. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 14-20.	4.1	124
28	ZE3RA: the ZEPLIN-III Reduction and Analysis package. Journal of Instrumentation, 2011, 6, P11004-P11004.	1.2	11
29	Astrophysics at n_TOF Facility at CERN. Journal of Physics: Conference Series, 2011, 312, 042024.	0.4	0
30	Nuclear recoil scintillation and ionisation yields in liquid xenon from ZEPLIN-III data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 471-476.	4.1	45
31	Neutron-induced fission cross-section of 233U in the energy range 0.5 < En < 20 MeV. European Physical Journal A, 2011, 47, 1.	2.5	15
32	Measurement of the neutron-induced fission cross-section of 243Am relative to 235U from 0.5 to 20 MeV. European Physical Journal A, 2011, 47, 1.	2.5	11
33	Single electron emission in two-phase xenon with application to the detection of coherent neutrino-nucleus scattering. Journal of High Energy Physics, 2011, 2011, 1.	4.7	42
34	Performance of the veto detector incorporated into the ZEPLIN-III experiment. Astroparticle Physics, 2011, 35, 76-86.	4.3	19
35	The [sup 237]Np(n,f) cross section at the CERN n-TOF facility. , 2011, , . <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow		1
36	/><mml:mn>96</mml:mn></mml:msup></mml:math>Zr(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (xmlns:mml="http://w	2.9	17

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37	Position reconstruction in a dual phase xenon scintillation detector. , 2011, , .		1
38	Neutron capture on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>94</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>: Resonance parameters and Maxwellian-averaged cross sections. Physical Review C, 2011, 84, .	2.9	24
39	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mi mathvariant="normal">nat</mml:mi></mml:mrow></mml:msup></mml:mrow></mml:math>Pb and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	2.9	36
40	Measurement of the236U(n,f) cross section from 170 meV to 2 MeV at the CERNn_TOFfacility. Physical Review C, 2011, 84, .	2.9	14
41	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Au</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>197</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq1 1 0.784314 rgBT /Ov	2.9	68
42	Study of Photon Strength Function of Actinides: the Case of 235U, 238Np and 241Pu. Journal of the Korean Physical Society, 2011, 59, 1510-1513.	0.7	9
43	Neutron Capture Measuremetns on Minor Actinides at the n_TOF Facility at CERN: Past, Present and Future. Journal of the Korean Physical Society, 2011, 59, 1809-1812.	0.7	2
44	237Np(n,f) Cross Section: New Data and Present Status. Journal of the Korean Physical Society, 2011, 59, 1908-1911.	0.7	2
45	Fission Cross-section Measurements of 233U, 245Cm and 241;243Am at CERN n_TOF Facility. Journal of the Korean Physical Society, 2011, 59, 1912-1915.	0.7	3
46	High-energy Neutron-induced Fission Cross Sections of Natural Lead and Bismuth-209. Journal of the Korean Physical Society, 2011, 59, 1904-1907.	0.7	0
47	Calibration of photomultiplier arrays. Astroparticle Physics, 2010, 33, 13-18.	4.3	7
48	The ZEPLIN-III anti-coincidence veto detector. Astroparticle Physics, 2010, 34, 151-163.	4.3	23
49	A model of the reflection distribution in the vacuum ultra violet region. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 619, 59-62.	1.6	11
50	Limits on inelastic dark matter from ZEPLIN-III. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 180-183.	4.1	40
51	Neutron cross-sections for next generation reactors: New data from n_TOF. Applied Radiation and Isotopes, 2010, 68, 643-646.	1.5	7
52	Measurements of high-energy neutron-induced fission ofnatPb and209Bi. EPJ Web of Conferences, 2010, 8, 07009.	0.3	2
53	cross sections of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Os</mml:mi><mml:mprescripts	2.9	36
54	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Au</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>197</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10	2.9	55

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55	Neutron physics of the Re/Os clock. I. Measurement of the (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>92</mml:mn></mml:mrow></mml:mmultiscripts></mml:math)	2.9	33
56	cross sections of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Os</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>186</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 mathvariant="normal">Os</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>187</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>	2.9	28
57	Reflectance of polytetrafluoroethylene for xenon scintillation light. Journal of Applied Physics, 2010, 107, 064902.	2.5	34
58	ASTROPHYSICS AT nÌ±TOF FACILITY. , 2010, , .		0
59	Study of Neutron-Induced Fission Cross Sections of U, Am, and Cm at nÌ±TOF. , 2010, , .		0
60	Neutron-induced fission cross section of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">U</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>234</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Np</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>237</mml:mn></mml:	2.9	72
61	nÌ±TOF Experiment: Past, Present And Future. , 2009, , .		0
62	Limits on the Spin-Dependent WIMP-Nucleon Cross Sections from the First Science Run of the ZEPLIN-III Experiment. Physical Review Letters, 2009, 103, 151302.	7.8	48
63	High-accuracyU233(n,f)cross-section measurement at the white-neutron source n_TOF from near-thermal to1MeV neutron energy. Physical Review C, 2009, 80, .	2.9	30
64	ZEPLIN-II limits on WIMP-nucelon interactions. , 2009, , .		0
65	The n_TOF Total Absorption Calorimeter for neutron capture measurements at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, 424-433.	1.6	80
66	GEM operation in double-phase xenon. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 598, 126-129.	1.6	14
67	Results from the first science run of the ZEPLIN-III dark matter search experiment. Physical Review D, 2009, 80, .	4.7	147
68	Neutron Capture Measurements at the nÌ±TOF Facility. , 2009, , .		0
69	Fission cross-section measurements on [sup 233]U and minor actinides at the CERN nÌ±TOF facility. , 2009, , .		0
70	Measurement of single electron emission in two-phase xenon. Astroparticle Physics, 2008, 30, 54-57.	4.3	43
71	The ZEPLIN II dark matter detector: Data acquisition system and data reduction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 587, 101-109.	1.6	5
72	Reflection of the xenon scintillation light from Polytetrafluoroethylene (PTFE). , 2008, , .		1

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73	Recent Results at nÌ±TOF and Future Perspectives. AIP Conference Proceedings, 2008, , .	0.4	0
74	Nuclear physics for the Re/Os clock. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014015.	3.6	8
75	The measurement of the 206Pb(n, Î³) cross section and stellar implications. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014020.	3.6	11
76	Experimental study of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>91</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10	2.9	34
77	Neutron capture cross section of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>90</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>: Bottleneck in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:math>-process reaction flow. Physical Review C, 2008, 77, .	2.9	44
78	Measurements of neutron capture cross-sections at n_TOF. AIP Conference Proceedings, 2007, , .	0.4	0
79	Measurement of the Neutron Induced Fission Cross Section on Transuranic (TRU) Elements at the nÌ±TOF Facility at CERN. AIP Conference Proceedings, 2007, , .	0.4	0
80	Measurement of the radiative neutron capture cross section of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Pb</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>206</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>and its astrophysical implications. Physical Review C, 2007, 76, .	2.9	30
81	Measurement of the neutron capture cross section of thes-only isotopePb204from 1 eV to 440 keV. Physical Review C, 2007, 75, .	2.9	32
82	TheLa139(n,Î³) cross section: Key for the onset of thes-process. Physical Review C, 2007, 75, .	2.9	24
83	The ZEPLIN-III dark matter detector: Instrument design, manufacture and commissioning. Astroparticle Physics, 2007, 27, 46-60.	4.3	91
84	First limits on WIMP nuclear recoil signals in ZEPLIN-II: A two-phase xenon detector for dark matter detection. Astroparticle Physics, 2007, 28, 287-302.	4.3	122
85	Preliminary results on position reconstruction for ZEPLIN III. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 573, 200-203.	1.6	4
86	Position reconstruction in a liquid xenon scintillation chamber for low-energy nuclear recoils and Î³-rays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 573, 48-52.	1.6	8
87	Operation of gas electron multipliers in pure xenon at low temperatures. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 331-334.	1.6	6
88	A survey of energy loss calculations for heavy ions between 1 and 100kev. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 114-117.	1.6	21
89	Measuring the angular profile of the reflection of xenon scintillation light. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 322-325.	1.6	9
90	The ZEPLIN III Detector; Results from Surface Calibrations. Nuclear Physics, Section B, Proceedings Supplements, 2007, 173, 108-112.	0.4	1

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92	Neutron reactions and nuclear cosmo-chronology. Progress in Particle and Nuclear Physics, 2007, 59, 165-173.	14.4	7
93	Status and outlook of the neutron time-of-flight facility n_TOF at CERN. Nuclear Instruments & Methods in Physics Research B, 2007, 261, 925-929.	1.4	35
94	Measurement of 139La(n,Î³) Cross Section. AIP Conference Proceedings, 2006, , .	0.4	0
95	Measurement of the resonance capture cross section of 204,206Pb and termination of the s-process. AIP Conference Proceedings, 2006, , .	0.4	0
96	Neutron Capture Cross Section Measurements at n_TOF of 237Np, 240Pu and 243Am for the Transmutation of Nuclear Waste. AIP Conference Proceedings, 2006, , .	0.4	3
97	Editorial: Dielectric liquids. IEEE Transactions on Dielectrics and Electrical Insulation, 2006, 13, 455-455.	2.9	0
98	Scintillation efficiency of liquid xenon for nuclear recoils with the energy down to 5keV. Astroparticle Physics, 2006, 26, 58-63.	4.3	44
99	The ZEPLIN-III dark matter detector: Performance study using an end-to-end simulation tool. Astroparticle Physics, 2006, 26, 140-153.	4.3	24
100	Neutron cross section measurements at n-TOF for ADS related studies. Journal of Physics: Conference Series, 2006, 41, 352-360.	0.4	2
101	Measurement of 139La(n,Î³) Cross Section at n_TOF. AIP Conference Proceedings, 2006, , .	0.4	0
102	Measurement of theSm151(n,Î³) cross section from 0.6 eV to 1 MeV via the neutron time-of-flight technique at the CERN n_TOF facility. Physical Review C, 2006, 73, .	2.9	36
103	New measurement of neutron capture resonances inBi209. Physical Review C, 2006, 74, .	2.9	46
104	Neutron capture cross section ofTh232measured at the n_TOF facility at CERN in the unresolved resonance region up to 1 MeV. Physical Review C, 2006, 73, .	2.9	41
105	Resonance capture cross section ofPb207. Physical Review C, 2006, 74, .	2.9	32
106	Primary scintillation yield and ratio in liquid xenon. Radiation Physics and Chemistry, 2005, 74, 160-167.	2.8	9
107	Measurement of the 151Sm(n,Î³)152Sm cross section at n_TOF. Nuclear Physics A, 2005, 758, 533-536.	1.5	7
108	Neutron capture cross section measurements for nuclear astrophysics at CERN n_TOF. Nuclear Physics A, 2005, 758, 501-504.	1.5	7

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110	The data acquisition system of the neutron time-of-flight facility n_TOF at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 538, 692-702.	1.6	84
111	High-Resolution Study of 237Np Fission Cross Section from 5 eV to 1 MeV. AIP Conference Proceedings, 2005, , .	0.4	2
112	Neutron Capture Cross Sections for the Re/Os Clock. AIP Conference Proceedings, 2005, , .	0.4	1
113	New Measurement of the Capture Cross Section of Bismuth and Lead Isotopes. AIP Conference Proceedings, 2005, , .	0.4	0
114	Measurement of the 232Th Neutron Capture Cross Section at the CERN n_TOF Facility. AIP Conference Proceedings, 2005, , .	0.4	0
115	Measurement of Capture Cross Sections of 90,91,92,94,96Zr Isotopes at n_TOF. AIP Conference Proceedings, 2005, , .	0.4	0
116	Measurements at n_TOF of the Neutron Capture Cross Section of Minor Actinides Relevant to the Nuclear Waste Transmutation. AIP Conference Proceedings, 2005, , .	0.4	3
117	New approach to the calculation of the refractive index of liquid and solid xenon. Journal of Chemical Physics, 2005, 123, 234508.	3.0	15
118	Performance of a chamber for studying the liquid xenon response to /spl gamma/-rays and nuclear recoils. IEEE Transactions on Nuclear Science, 2005, 52, 2793-2800.	2.0	11
119	Neutron Capture Cross Section Measurement ofSm151at the CERN Neutron Time of Flight Facility (n_TOF). Physical Review Letters, 2004, 93, 161103.	7.8	65
120	Detectors for medical radioisotope imaging: demands and perspectives. Radiation Physics and Chemistry, 2004, 71, 683-692.	2.8	6
121	Measurement of the refractive index and attenuation length of liquid xenon for its scintillation light. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 516, 462-474.	1.6	43
122	Measurement of the n_TOF beam profile with a micromegas detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 524, 102-114.	1.6	54
123	Timeâ€“energy relation of the n_TOF neutron beam: energy standards revisited. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 532, 622-630.	1.6	34
124	New experimental validation of the pulse height weighting technique for capture cross-section measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 521, 454-467.	1.6	101
125	A low-mass neutron flux monitor for the n _TOF facility at CERN. Brazilian Journal of Physics, 2004, 34, 914-918.	1.4	1
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127	Perspectives for positron emission tomography with RPCs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 508, 88-93.	1.6	50
128	Liquid rare gas detectors: recent developments and applications. IEEE Transactions on Dielectrics and Electrical Insulation, 2003, 10, 994-1005.	2.9	11
129	Mini-strip ionization chamber for Î³-ray imaging. IEEE Transactions on Nuclear Science, 2003, 50, 122-125.	2.0	2
130	Liquid-xenon Î³-camera with ionisation readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 478, 435-439.	1.6	5
131	Two-dimensional readout in a liquid xenon ionisation chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 477, 184-190.	1.6	11
132	Detection of scintillation light of liquid xenon with a LAAPD. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 488, 572-578.	1.6	15
133	Study of large area avalanche photodiode for detecting liquid xenon scintillation. IEEE Transactions on Nuclear Science, 2000, 47, 1307-1310.	2.0	21
134	Pulse processing for the PET liquid xenon multiwire ionisation chamber. IEEE Transactions on Nuclear Science, 2000, 47, 2119-2126.	2.0	6
135	A cryogenic chamber for scattering measurements. Nuclear Instruments & Methods in Physics Research B, 1999, 152, 150-156.	1.4	1
136	The liquid xenon detector for PET: recent results. IEEE Transactions on Nuclear Science, 1999, 46, 1038-1044.	2.0	26
137	Pulse shape analysis in the liquid xenon multiwire ionisation chamber for PET. IEEE Transactions on Nuclear Science, 1998, 45, 561-567.	2.0	6
138	Study of bialkali photocathodes below room temperature in the UV/VUV region. IEEE Transactions on Nuclear Science, 1998, 45, 542-549.	2.0	24
139	Low temperature performance of photomultiplier tubes illuminated in pulsed mode by visible and vacuum ultraviolet light. Review of Scientific Instruments, 1997, 68, 34-40.	1.3	15
140	Performance study of liquid xenon detector for PET. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 392, 427-432.	1.6	31
141	Low temperature test of photomultiplier tubes. Applied Radiation and Isotopes, 1995, 46, 495-496.	1.5	3
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