

Alexander Derbin

List of Publications by Year in descending order

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199
papers

6,782
citations

93792

39
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71088

80
g-index

201
all docs

201
docs citations

201
times ranked

4979
citing authors

#	ARTICLE	IF	CITATIONS
37	DarkSide-20k: A 20 tonne two-phase LAr TPC for direct dark matter detection at LNGS. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	247
38	Low-Mass Dark Matter Search with the DarkSide-50 Experiment. <i>Physical Review Letters</i> , 2018, 121, 081307.	2.9	259
39	Results of Searching for Solar Hadronic Axions Emitted in the M1 Transition in 83Kr Nuclei. <i>Physics of Particles and Nuclei</i> , 2018, 49, 599-601.	0.2	1
40	Electroluminescence pulse shape and electron diffusion in liquid argon measured in a dual-phase TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 904, 23-34.	0.7	13
41	Search for the resonance absorption of solar axions emitted in the M1 transition of 83Kr and 57Fe nuclei in the Sun. , 2018, , .		0
42	The SOX experiment hunts the sterile neutrino. , 2018, , .		0
43	Seasonal modulation of the 7 Be solar neutrino rate in Borexino. <i>Astroparticle Physics</i> , 2017, 92, 21-29.	1.9	22
44	The DarkSide Experiment: Present Status and Future. <i>Journal of Physics: Conference Series</i> , 2017, 798, 012109.	0.3	7
45	Effect of low electric fields on alpha scintillation light yield in liquid argon. <i>Journal of Instrumentation</i> , 2017, 12, P01021-P01021.	0.5	5
46	Simulation of argon response and light detection in the DarkSide-50 dual phase TPC. <i>Journal of Instrumentation</i> , 2017, 12, P10015-P10015.	0.5	31
47	RESULTS FROM BOREXINO AT LNGS. , 2017, , 81-86.		0
48	Limiting neutrino magnetic moments with Borexino Phase-II solar neutrino data. <i>Physical Review D</i> , 2017, 96, .	1.6	94
49	A Search for Low-energy Neutrinos Correlated with Gravitational Wave Events GW 150914, GW 151226, and GW 170104 with the Borexino Detector. <i>Astrophysical Journal</i> , 2017, 850, 21.	1.6	26
50	Borexino: Recent results and future plans. <i>Physics of Particles and Nuclei</i> , 2017, 48, 1026-1029.	0.2	1
51	Towards a medium-scale axion helioscope and haloscope. <i>Journal of Instrumentation</i> , 2017, 12, P11019-P11019.	0.5	29
52	Recent Results from Borexino. <i>Journal of Physics: Conference Series</i> , 2017, 798, 012114.	0.3	0
53	Borexino's search for low-energy neutrino and antineutrino signals correlated with gamma-ray bursts. <i>Astroparticle Physics</i> , 2017, 86, 11-17.	1.9	13
54	CeSOX: An experimental test of the sterile neutrino hypothesis with Borexino. <i>Journal of Physics: Conference Series</i> , 2017, 934, 012003.	0.3	1

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55	The DarkSide direct dark matter search with liquid argon. AIP Conference Proceedings, 2017, , .	0.3	0
56	Recent Results of Search for Solar Axions Using Resonant Absorption by ^{83}Kr nuclei. Journal of Physics: Conference Series, 2017, 934, 012018.	0.3	2
57	The electronics, trigger and data acquisition system for the liquid argon time projection chamber of the DarkSide-50 search for dark matter. Journal of Instrumentation, 2017, 12, P12011-P12011.	0.5	10
58	CALIS – A CALibration Insertion System for the DarkSide-50 dark matter search experiment. Journal of Instrumentation, 2017, 12, T12004-T12004.	0.5	10
59	Solar neutrino detectors as sterile neutrino hunters. Journal of Physics: Conference Series, 2017, 888, 012018.	0.3	1
60	Cryogenic Characterization of FBK RGB-HD SiPMs. Journal of Instrumentation, 2017, 12, P09030-P09030.	0.5	16
61	A Silicon Detector Based Beta-spectrometer. Journal of Physics: Conference Series, 2017, 934, 012056.	0.3	0
62	Improvements in the simulation code of the SOX experiment. Journal of Physics: Conference Series, 2017, 888, 012145.	0.3	0
63	Borexino: geo-neutrino measurement at Gran Sasso, Italy. Annals of Geophysics, 2017, 60, .	0.5	2
64	THE DARKSIDE-50 EXPERIMENT: A LIQUID ARGON TARGET FOR DARK MATTER PARTICLES. , 2017, , 355-360.		0
65	Recent results from Borexino. Journal of Physics: Conference Series, 2016, 718, 062059.	0.3	0
66	Short distance neutrino oscillations with Borexino. EPJ Web of Conferences, 2016, 121, 01002.	0.1	0
67	The DarkSide Program. EPJ Web of Conferences, 2016, 121, 06010.	0.1	0
68	Recent Borexino results and prospects for the near future. EPJ Web of Conferences, 2016, 126, 02008.	0.1	2
69	SOX: search for short baseline neutrino oscillations with Borexino. Journal of Physics: Conference Series, 2016, 718, 062066.	0.3	3
70	Geo-neutrino results with Borexino. Journal of Physics: Conference Series, 2016, 675, 012029.	0.3	3
71	CNO and pepsolar neutrino measurements and perspectives in Borexino. Journal of Physics: Conference Series, 2016, 675, 012040.	0.3	2
72	Overview and accomplishments of the Borexino experiment. Journal of Physics: Conference Series, 2016, 675, 012036.	0.3	1

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73	Measurement of neutrino flux from the primary proton–proton fusion process in the Sun with Borexino detector. <i>Physics of Particles and Nuclei</i> , 2016, 47, 995-1002.	0.2	7
74	The DarkSide-50 outer detectors. <i>Journal of Physics: Conference Series</i> , 2016, 718, 042062.	0.3	0
75	The search for sterile neutrinos with SOX-Borexino. <i>Physics of Atomic Nuclei</i> , 2016, 79, 1481-1484.	0.1	2
76	The electronics and data acquisition system for the DarkSide-50 veto detectors. <i>Journal of Instrumentation</i> , 2016, 11, P12007-P12007.	0.5	7
77	The veto system of the DarkSide-50 experiment. <i>Journal of Instrumentation</i> , 2016, 11, P03016-P03016.	0.5	33
78	The DarkSide project. <i>Journal of Instrumentation</i> , 2016, 11, C02051-C02051.	0.5	3
79	An update on the Axion Helioscopes front: current activities at CAST and the IAXO project. <i>Nuclear and Particle Physics Proceedings</i> , 2016, 273-275, 244-249.	0.2	4
80	A first walk on the DarkSide. <i>Nuclear and Particle Physics Proceedings</i> , 2016, 273-275, 452-458.	0.2	0
81	SOX: Short Distance Neutrino Oscillations with Borexino. <i>Nuclear and Particle Physics Proceedings</i> , 2016, 273-275, 1760-1764.	0.2	2
82	Results from the first use of low radioactivity argon in a dark matter search. <i>Physical Review D</i> , 2016, 93, .	1.6	108
83	Test of the electric charge conservation law with Borexino detector. <i>Journal of Physics: Conference Series</i> , 2016, 675, 012025.	0.3	0
84	Measurement of Solar pp-neutrino flux with Borexino: results and implications. <i>Journal of Physics: Conference Series</i> , 2016, 675, 012027.	0.3	3
85	The high precision measurement of the ^{144}Ce activity in the SOX experiment. <i>Journal of Physics: Conference Series</i> , 2016, 675, 012035.	0.3	0
86	First real-time detection of solar pp neutrinos by Borexino. <i>EPJ Web of Conferences</i> , 2016, 121, 01001.	0.1	0
87	The DarkSide awakens. <i>Journal of Physics: Conference Series</i> , 2016, 718, 042016.	0.3	4
88	High significance measurement of the terrestrial neutrino flux with the Borexino detector. <i>Journal of Physics: Conference Series</i> , 2016, 718, 062025.	0.3	1
89	A method for measuring the detector response function for monochromatic electrons based on Compton scattering. <i>Instruments and Experimental Techniques</i> , 2016, 59, 333-336.	0.1	0
90	Recent results from Borexino and the first real time measure of solar pp neutrinos. <i>Nuclear and Particle Physics Proceedings</i> , 2016, 273-275, 1753-1759.	0.2	0

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91	Understanding the detector behavior through Montecarlo and calibration studies in view of the SOX measurement. Journal of Physics: Conference Series, 2016, 675, 012012.	0.3	0
92	The ^{144}Ce source for SOX. Journal of Physics: Conference Series, 2016, 675, 012032.	0.3	2
93	A measurement method of a detector response function for monochromatic electrons based on the Compton scattering. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 821, 13-16.	0.7	3
94	Test of Electric Charge Conservation with Borexino. Physical Review Letters, 2015, 115, 231802.	2.9	42
95	Neutrino measurements from the Sun and Earth: Results from Borexino. AIP Conference Proceedings, 2015, , .	0.3	1
96	Geo-neutrinos from 1353 Days with the Borexino Detector. Physics Procedia, 2015, 61, 340-344.	1.2	1
97	The Next Generation of Axion Helioscopes: The International Axion Observatory (IAXO). Physics Procedia, 2015, 61, 193-200.	1.2	11
98	The IAXO Helioscope. Journal of Physics: Conference Series, 2015, 650, 012009.	0.3	2
99	The DarkSide Multiton Detector for the Direct Dark Matter Search. Advances in High Energy Physics, 2015, 2015, 1-8.	0.5	21
100	DarkSide-50: A WIMP Search with a Two-phase Argon TPC. Physics Procedia, 2015, 61, 124-129.	1.2	10
101	Direct Search for Dark Matter with DarkSide. Journal of Physics: Conference Series, 2015, 650, 012006.	0.3	9
102	First results from the DarkSide-50 dark matter experiment at Laboratori Nazionali del Gran Sasso. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 456-466.	1.5	186
103	Short Distance Neutrino Oscillations with BoreXino: SOX. Physics Procedia, 2015, 61, 511-517.	1.2	3
104	First result of the experimental search for the 9.4 keV solar axion reactions with ^{83}Kr in the copper proportional counter. Physics of Particles and Nuclei, 2015, 46, 152-156.	0.2	4
105	Geo-neutrinos and Borexino. Physics of Particles and Nuclei, 2015, 46, 174-181.	0.2	1
106	Solar neutrino with Borexino: Results and perspectives. Physics of Particles and Nuclei, 2015, 46, 166-173.	0.2	4
107	New experiment on search for the resonance absorption of solar axion emitted in the M1 transition of ^{83}Kr nuclei. JETP Letters, 2015, 101, 664-669.	0.4	15
108	Spectroscopy of geoneutrinos from 2056 days of Borexino data. Physical Review D, 2015, 92, .	1.6	77

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109	Low-energy (anti)neutrino physics with Borexino: Neutrinos from the primary proton-proton fusion process in the Sun. Nuclear and Particle Physics Proceedings, 2015, 265-266, 87-92.	0.2	2
110	Final results of Borexino Phase-I on low-energy solar neutrino spectroscopy. Physical Review D, 2014, 89, .	1.6	204
111	Solar neutrino experiments. Physics-Uspexhi, 2014, 57, 512-524.	0.8	17
112	Lifetimes of ^{214}Po and ^{212}Po measured with Counting Test Facility at Gran Sasso National Laboratory. Journal of Environmental Radioactivity, 2014, 138, 444-446.	0.9	1
113	Search for axioelectric effect of solar axions using BGO scintillating bolometer. European Physical Journal C, 2014, 74, 1.	1.4	8
114	Neutrinos from the primary proton-proton fusion process in the Sun. Nature, 2014, 512, 383-386.	13.7	250
115	Conceptual design of the International Axion Observatory (IAXO). Journal of Instrumentation, 2014, 9, T05002-T05002.	0.5	201
116	Low energy neutrinos. International Journal of Modern Physics Conference Series, 2014, 31, 1460285.	0.7	0
117	Lifetime measurements of ^{214}Po and ^{212}Po with the CTF liquid scintillator detector at LNGS. European Physical Journal A, 2013, 49, 1.	1.0	17
118	Search for axioelectric effect of 5.5 MeV solar axions using BGO detectors. European Physical Journal C, 2013, 73, 1.	1.4	14
119	SOX: Short distance neutrino Oscillations with BoreXino. Journal of High Energy Physics, 2013, 2013, 1.	1.6	98
120	Prospects for observation of neutrino-nuclear neutral current coherent scattering with two-phase Xenon emission detector. Journal of Instrumentation, 2013, 8, P10023-P10023.	0.5	35
121	New limits on heavy sterile neutrino mixing in $B \rightarrow \mu \nu \nu$ decay obtained with the Borexino detector. Physical Review D, 2013, 88, .	1.6	29
122	Neutrinos from the sun and from radioactive sources. Nuclear Physics, Section B, Proceedings Supplements, 2013, 237-238, 77-81.	0.5	0
123	Light yield in DarkSide-10: A prototype two-phase argon TPC for dark matter searches. Astroparticle Physics, 2013, 49, 44-51.	1.9	36
124	Solar neutrino results from Borexino. Nuclear Physics, Section B, Proceedings Supplements, 2013, 237-238, 104-106.	0.5	1
125	Measurement of geo-neutrinos from 1353 days of Borexino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 295-300.	1.5	92
126	Recent results and future development of Borexino. Nuclear Physics, Section B, Proceedings Supplements, 2013, 235-236, 55-60.	0.5	3

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127	Cosmogenic Backgrounds in Borexino at 3800 m water-equivalent depth. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 049-049.	1.9	63
128	DarkSide search for dark matter. Journal of Instrumentation, 2013, 8, C11021-C11021.	0.5	36
129	Future axion searches with the International Axion Observatory (IAXO). Journal of Physics: Conference Series, 2013, 460, 012002.	0.3	9
130	STUDY OF THE RARE PROCESSES WITH THE BOREXINO DETECTOR. , 2013, , 177-180.		0
131	Cosmic-muon flux and annual modulation in Borexino at 3800 m water-equivalent depth. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 015-015.	1.9	47
132	First Evidence of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{e} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Solar Neutrinos by Direct Detection in Borexino. Physical Review Letters, 2012, 108, 051302.	2.9	213
133	First evidence of $\langle \text{i} \rangle \text{pep} \langle \text{i} \rangle$ solar neutrinos by direct detection in Borexino. Journal of Physics: Conference Series, 2012, 375, 042030.	0.3	1
134	Borexino calibrations: hardware, methods, and results. Journal of Instrumentation, 2012, 7, P10018-P10018.	0.5	60
135	High precision ${}^7\text{Be}$ solar neutrinos measurement and day night effect obtained with Borexino. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 692, 258-261.	0.7	0
136	Search for solar axions produced in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{d} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{He} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:mi} \rangle$ Borexino detector. Physical Review D, 2012, 85, .	1.6	54
137	Measurement of CNGS muon neutrino speed with Borexino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 401-405.	1.5	33
138	The next-generation liquid-scintillator neutrino observatory LENA. Astroparticle Physics, 2012, 35, 685-732.	1.9	181
139	Absence of a day-night asymmetry in the ${}^7\text{Be}$ solar neutrino rate in Borexino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 22-26.	1.5	83
140	Constraints on the axion-electron coupling constant for solar axions appearing owing to bremsstrahlung and the compton process. JETP Letters, 2012, 95, 339-344.	0.4	31
141	Constraints on the axion-electron coupling for solar axions produced by a Compton process and bremsstrahlung. Physical Review D, 2011, 83, .	1.6	30
142	Precision Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Be} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 7 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ Solar Neutrino Interaction Rate in Borexino. Physical Review Letters, 2011, 107, 141302.	2.9	441
143	Muon and cosmogenic neutron detection in Borexino. Journal of Instrumentation, 2011, 6, P05005-P05005.	0.5	68
144	Production and suppression of $[\text{sup } 11]\text{C}$ in the solar neutrino experiment Borexino. , 2011, , .		0

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145	New limit on the mass of 14.4-keV solar axions emitted in an M1 transition in ^{57}Fe nuclei. <i>Physics of Atomic Nuclei</i> , 2011, 74, 596-602.	0.1	27
146	Neutrino interactions at few MeV: results from Borexino at Gran Sasso. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011, 212-213, 121-127.	0.5	0
147	Solar neutrino results from Borexino and main future perspectives. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 630, 210-213.	0.7	2
148	Borexino: recent results, detector calibration and future perspectives. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011, 217, 101-106.	0.5	2
149	Study of solar and other unknown anti-neutrino fluxes with Borexino at LNGS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 696, 191-196.	1.5	60
150	First results of the Borexino experiment. <i>Physics of Atomic Nuclei</i> , 2010, 73, 1935-1941.	0.1	5
151	New experimental limits on the probabilities of pauli-forbidden transitions in the ^{12}C nucleus from data obtained with the borexino detector. <i>Physics of Atomic Nuclei</i> , 2010, 73, 2064-2073.	0.1	1
152	Search for solar axions generated by the Primakoff effect with resonance absorption by ^{169}Tm . <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2010, 74, 481-486.	0.1	6
153	Search for solar axions produced in the $p + d \rightarrow \text{He} + A$ reaction. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2010, 74, 805-810.	0.1	7
154	Observation of geo-neutrinos. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 687, 299-304.	1.5	187
155	New experimental limits on the pauli-forbidden transitions in ^{12}C nuclei obtained with the Borexino data.	1.1	56
156	Measurement of the solar neutrino rate with a liquid scintillator target and 8 MeV energy threshold in the Borexino detector. <i>Physical Review D</i> , 2010, 82, ..	1.6	214
157	Measurement of the solar ^8B neutrino flux down to 2.8 MeV with Borexino. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 188, 127-129.	0.5	2
158	The Borexino detector at the Laboratori Nazionali del Gran Sasso. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 600, 568-593.	0.7	292
159	The liquid handling systems for the Borexino solar neutrino detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 609, 58-78.	0.7	71
160	200 days of Borexino data. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 188, 90-95.	0.5	0
161	Search for solar axions produced by Primakoff conversion using resonant absorption by ^{169}Tm nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 678, 181-185.	1.5	23
162	Search for resonant absorption of solar axions emitted in M1 transition in ^{57}Fe nuclei. <i>European Physical Journal C</i> , 2009, 62, 755-760.	1.4	21

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163	First real time detection of ${}^7\text{Be}$ solar neutrinos by Borexino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 658, 101-108.	1.5	192
164	Pulse-shape discrimination with the Counting Test Facility. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 584, 98-113.	0.7	48
165	Study of phenylxylylethane (PXE) as scintillator for low energy neutrino experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 585, 48-60.	0.7	30
166	Search for solar axions emitted in the M1-transition of ${}^7\text{Li}^*$ with Borexino CTF. European Physical Journal C, 2008, 54, 61-72.	1.4	26
167	Direct Measurement of the $\langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mmultiscripts}\langle \text{mml:mi}\rangle \text{Be}\langle \text{mml:mi}\rangle \langle \text{mml:mprescripts}\ / \rangle \langle \text{mml:none}\ / \rangle \langle \text{mml:mn}\rangle 7 \langle \text{mml:mn}\rangle \langle \text{mml:mmultiscripts}\rangle \langle \text{mml:math}\rangle \text{Solar Neutrino Flux with 192 Days of Borexino Data. Physical Review Letters, 2008, 101, 091302.} \rangle$ Solar Neutrino Flux with 192 Days of Borexino Data. Physical Review Letters, 2008, 101, 091302.	2.9	344
168	Scintillator purification, detector performance and first results from Borexino. Journal of Physics: Conference Series, 2008, 120, 052017.	0.3	2
169	Search for resonant absorption of solar axions emitted in an M1 transition in ${}^{57}\text{Fe}$ nuclei. JETP Letters, 2007, 85, 12-16.	0.4	15
170	Search for resonant absorption of solar axions by atomic nuclei. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 832-840.	0.1	8
171	Search for electron antineutrino interactions with the Borexino Counting Test Facility at Gran Sasso. European Physical Journal C, 2006, 47, 21-30.	1.4	18
172	CNO and pep neutrino spectroscopy in Borexino: Measurement of the deep-underground production of cosmogenic ${}^{11}\text{C}$ in an organic liquid scintillator. Physical Review C, 2006, 74, .	1.1	37
173	Current Status of the BOREXINO experiment. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 21-24.	0.5	7
174	Limit on Solar antineutrino flux obtained with the prototype of the Borexino detector. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 547.	0.5	0
175	Search for solar axions emitted in an M1 transition in ${}^7\text{Li}^*$ nuclei. JETP Letters, 2005, 81, 365-370.	0.4	19
176	Physics outside the Standard Model with the prototype of the Borexino detector. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 568.	0.5	0
177	On the possibility of detecting solar pp neutrino with the large-volume liquid organic scintillator detector. Physics of Atomic Nuclei, 2004, 67, 2066-2072.	0.1	5
178	New experimental limits on violations of the Pauli exclusion principle obtained with the Borexino Counting Test Facility. European Physical Journal C, 2004, 37, 421-431.	1.4	41
179	Search for the solar pp-neutrinos with an upgrade of the CTF detector. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 448.	0.5	0
180	Search for the electron decay mode $e\beta^+\beta^3 + \beta^3/2$ with the prototype of the BOREXINO detector. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 497.	0.5	0

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181	Study of the neutrino electromagnetic properties with prototype of Borexino detector. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 498.	0.5	0
182	Study of neutrino electromagnetic properties with the prototype of the Borexino detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 563, 35-47.	1.5	22
183	New limits on nucleon decays into invisible channels with the BOREXINO counting test facility. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 563, 23-34.	1.5	42
184	Search for solar pp neutrinos with an upgrade of CTF detector. Physics of Atomic Nuclei, 2003, 66, 712-723.	0.1	5
185	New experimental limits on heavy neutrino mixing in 8B-decay obtained with the Borexino counting test facility. JETP Letters, 2003, 78, 261-266.	0.4	18
186	Search for nucleon decays into invisible channels with the BOREXINO counting test facility. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 499.	0.5	0
187	Search for the axion emitted in the nuclear magnetic transitions. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 528.	0.5	0
188	Measurements of extremely low radioactivity levels in BOREXINO. Astroparticle Physics, 2002, 18, 1-25.	1.9	138
189	Search for electron decay mode $e\hat{\nu}^{\uparrow} + \hat{\nu}^{\uparrow}/2$ with prototype of Borexino detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 29-40.	1.5	38
190	Search for axions emitted in nuclear magnetic transitions. Physics of Atomic Nuclei, 2002, 65, 1302-1306.	0.1	3
191	Search for neutrino radiative decay with a prototype Borexino detector. JETP Letters, 2002, 76, 409-413.	0.4	9
192	How to process best gamma spectra of CdTe and CdZnTe detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 458, 169-174.	0.7	3
193	Portable $\hat{\nu}^3$ - and X-ray analyzers based on CdTe $\hat{\nu}^3$ detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 428, 223-231.	0.7	5
194	Search for the invisible axion emitted in the M1 transition in ^{125m}Te . JETP Letters, 1997, 65, 605-610.	0.4	7
195	Measurement of the ^{45}Ca $\hat{\nu}^2$ spectrum in search of deviations from the theoretical shape. JETP Letters, 1997, 66, 88-92.	0.4	15
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