

Davide Franco

List of Publications by Year in descending order

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papers

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195
all docs

195
docs citations

195
times ranked

5366
citing authors

#	ARTICLE	IF	CITATIONS
1	First Directional Measurement of Sub-MeV Solar Neutrinos with Borexino. Physical Review Letters, 2022, 128, 091803.	7.8	17
2	A study of events with photoelectric emission in the DarkSide-50 liquid argon Time Projection Chamber. Astroparticle Physics, 2022, 140, 102704.	4.3	3
3	Search for low-energy neutrinos from astrophysical sources with Borexino. Astroparticle Physics, 2021, 125, 102509.	4.3	26
4	SiPM-matrix readout of two-phase argon detectors using electroluminescence in the visible and near infrared range. European Physical Journal C, 2021, 81, 1.	3.9	18
5	The novel Mechanical Ventilator Milano for the COVID-19 pandemic. Physics of Fluids, 2021, 33, 037122.	4.0	29
6	Sensitivity of future liquid argon dark matter search experiments to core-collapse supernova neutrinos. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 043.	5.4	12
7	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 322.	3.9	69
8	Calibration of the liquid argon ionization response to low energy electronic and nuclear recoils with DarkSide-50. Physical Review D, 2021, 104, .	4.7	8
9	Characterization of the scintillation time response of liquid argon detectors for dark matter search. Journal of Instrumentation, 2021, 16, P11026.	1.2	1
10	Performance of the ReD TPC, a novel double-phase LAr detector with silicon photomultiplier readout. European Physical Journal C, 2021, 81, 1.	3.9	6
11	Solar and geoneutrinos. Journal of Physics: Conference Series, 2021, 2156, 012002.	0.4	0
12	Identification of the cosmogenic ^{11}C background in large volumes of liquid scintillators with Borexino. European Physical Journal C, 2021, 81, 1.	3.9	6
13	Long-baseline neutrino oscillation physics potential of the DUNE experiment. European Physical Journal C, 2020, 80, 1.	3.9	93
14	Effective field theory interactions for liquid argon target in DarkSide-50 experiment. Physical Review D, 2020, 101, .	4.7	6
15	Design and construction of a new detector to measure ultra-low radioactive-isotope contamination of argon. Journal of Instrumentation, 2020, 15, P02024-P02024.	1.2	19
16	Improved measurement of B solar neutrinos with 1.5	4.7	24
17	The Monte Carlo simulation of the Borexino detector. Journal of Physics: Conference Series, 2020, 1342, 012035.	0.4	0
18	Comprehensive geoneutrino analysis with Borexino. Physical Review D, 2020, 101, .	4.7	42

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37	DarkSide-50 532-day dark matter search with low-radioactivity argon. <i>Physical Review D</i> , 2018, 98, .	4.7	147
38	Yields and production rates of cosmogenic ^9Li and ^8He measured with the Double Chooz near and far detectors. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	9
39	Constraints on Sub-GeV Dark-Matter "Electron Scattering from the DarkSide-50 Experiment. <i>Physical Review Letters</i> , 2018, 121, 111303.	7.8	179
40	Novel event classification based on spectral analysis of scintillation waveforms in Double Chooz. <i>Journal of Instrumentation</i> , 2018, 13, P01031-P01031.	1.2	4
41	Measurement of the liquid argon energy response to nuclear and electronic recoils. <i>Physical Review D</i> , 2018, 97, .	4.7	38
42	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.	2.6	247
43	Low-Mass Dark Matter Search with the DarkSide-50 Experiment. <i>Physical Review Letters</i> , 2018, 121, 081307.	7.8	259
44	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.	1.6	13
45	Recent Borexino results and perspectives of the SOX measurement. <i>EPJ Web of Conferences</i> , 2018, 182, 02099.	0.3	0
46	The SOX experiment hunts the sterile neutrino. , 2018, , .		0
47	Results on geoneutrinos at Borexino. , 2018, , .		0
48	Cosmic-muon characterization and annual modulation measurement with Double Chooz detectors. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 017-017.	5.4	14
49	Seasonal modulation of the ^7Be solar neutrino rate in Borexino. <i>Astroparticle Physics</i> , 2017, 92, 21-29.	4.3	22
50	The DarkSide Experiment: Present Status and Future. <i>Journal of Physics: Conference Series</i> , 2017, 798, 012109.	0.4	7
51	Effect of low electric fields on alpha scintillation light yield in liquid argon. <i>Journal of Instrumentation</i> , 2017, 12, P01021-P01021.	1.2	5
52	Simulation of argon response and light detection in the DarkSide-50 dual phase TPC. <i>Journal of Instrumentation</i> , 2017, 12, P10015-P10015.	1.2	31
53	Limiting neutrino magnetic moments with Borexino Phase-II solar neutrino data. <i>Physical Review D</i> , 2017, 96, .	4.7	94
54	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.	4.5	26

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55	Borexino: Recent results and future plans. <i>Physics of Particles and Nuclei</i> , 2017, 48, 1026-1029.	0.7	1
56	Recent Results from Borexino. <i>Journal of Physics: Conference Series</i> , 2017, 798, 012114.	0.4	0
57	Borexino's search for low-energy neutrino and antineutrino signals correlated with gamma-ray bursts. <i>Astroparticle Physics</i> , 2017, 86, 11-17.	4.3	13
58	CeSOX: An experimental test of the sterile neutrino hypothesis with Borexino. <i>Journal of Physics: Conference Series</i> , 2017, 934, 012003.	0.4	1
59	The DarkSide direct dark matter search with liquid argon. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
60	The electronics, trigger and data acquisition system for the liquid argon time projection chamber of the DarkSide-50 search for dark matter. <i>Journal of Instrumentation</i> , 2017, 12, P12011-P12011.	1.2	10
61	CALIS – A CALibration Insertion System for the DarkSide-50 dark matter search experiment. <i>Journal of Instrumentation</i> , 2017, 12, T12004-T12004.	1.2	10
62	Solar neutrino detectors as sterile neutrino hunters. <i>Journal of Physics: Conference Series</i> , 2017, 888, 012018.	0.4	1
63	Test of the electron stability with the Borexino detector. <i>Journal of Physics: Conference Series</i> , 2017, 888, 012193.	0.4	1
64	Cryogenic Characterization of FBK RGB-HD SiPMs. <i>Journal of Instrumentation</i> , 2017, 12, P09030-P09030.	1.2	16
65	Improvements in the simulation code of the SOX experiment. <i>Journal of Physics: Conference Series</i> , 2017, 888, 012145.	0.4	0
66	Results from a calibration of XENON100 using a source of dissolved radon-220. <i>Physical Review D</i> , 2017, 95, .	4.7	26
67	DarkSide-50: status of the detector and results. , 2017, , .		0
68	Dark Side. , 2017, , .		0
69	Particle Physics in the Cosmos. , 2017, , .		0
70	Recent results from Borexino. <i>Journal of Physics: Conference Series</i> , 2016, 718, 062059.	0.4	0
71	Short distance neutrino oscillations with Borexino. <i>EPJ Web of Conferences</i> , 2016, 121, 01002.	0.3	0
72	The DarkSide Program. <i>EPJ Web of Conferences</i> , 2016, 121, 06010.	0.3	0

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73	Recent Borexino results and prospects for the near future. EPJ Web of Conferences, 2016, 126, 02008.	0.3	2
74	SOX: search for short baseline neutrino oscillations with Borexino. Journal of Physics: Conference Series, 2016, 718, 062066.	0.4	3
75	Geo-neutrino results with Borexino. Journal of Physics: Conference Series, 2016, 675, 012029.	0.4	3
76	CNO and pepsolar neutrino measurements and perspectives in Borexino. Journal of Physics: Conference Series, 2016, 675, 012040.	0.4	2
77	Overview and accomplishments of the Borexino experiment. Journal of Physics: Conference Series, 2016, 675, 012036.	0.4	1
78	Characterization of the spontaneous light emission of the PMTs used in the Double Chooz experiment. Journal of Instrumentation, 2016, 11, P08001-P08001.	1.2	6
79	Measurement of neutrino flux from the primary proton-proton fusion process in the Sun with Borexino detector. Physics of Particles and Nuclei, 2016, 47, 995-1002.	0.7	7
80	The DarkSide-50 outer detectors. Journal of Physics: Conference Series, 2016, 718, 042062.	0.4	0
81	The search for sterile neutrinos with SOX-Borexino. Physics of Atomic Nuclei, 2016, 79, 1481-1484.	0.4	2
82	Solar neutrino detection in a large volume double-phase liquid argon experiment. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 017-017.	5.4	23
83	XENON100 dark matter results from a combination of 477 live days. Physical Review D, 2016, 94, .	4.7	92
84	The electronics and data acquisition system for the DarkSide-50 veto detectors. Journal of Instrumentation, 2016, 11, P12007-P12007.	1.2	7
85	The veto system of the DarkSide-50 experiment. Journal of Instrumentation, 2016, 11, P03016-P03016.	1.2	33
86	A first walk on the DarkSide. Nuclear and Particle Physics Proceedings, 2016, 273-275, 452-458.	0.5	0
87	SOX: Short Distance Neutrino Oscillations with Borexino. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1760-1764.	0.5	2
88	Muon capture on light isotopes measured with the Double Chooz detector. Physical Review C, 2016, 93, .	2.9	8
89	Results from the first use of low radioactivity argon in a dark matter search. Physical Review D, 2016, 93, .	4.7	108
90	Physics reach of the XENON1T dark matter experiment.. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 027-027.	5.4	246

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91	Test of the electric charge conservation law with Borexino detector. Journal of Physics: Conference Series, 2016, 675, 012025.	0.4	0
92	Measurement of Solar pp-neutrino flux with Borexino: results and implications. Journal of Physics: Conference Series, 2016, 675, 012027.	0.4	3
93	The high precision measurement of the ^{144}Ce activity in the SOX experiment. Journal of Physics: Conference Series, 2016, 675, 012035.	0.4	0
94	Low-mass dark matter search using ionization signals in XENON100. Physical Review D, 2016, 94, .	4.7	86
95	First real-time detection of solar pp neutrinos by Borexino. EPJ Web of Conferences, 2016, 121, 01001.	0.3	0
96	The DarkSide awakens. Journal of Physics: Conference Series, 2016, 718, 042016.	0.4	4
97	High significance measurement of the terrestrial neutrino flux with the Borexino detector. Journal of Physics: Conference Series, 2016, 718, 062025.	0.4	1
98	Measurement of \hat{I}_{13} in Double Chooz using neutron captures on hydrogen with novel background rejection techniques. Journal of High Energy Physics, 2016, 2016, 1.	4.7	46
99	Recent results from Borexino and the first real time measure of solar pp neutrinos. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1753-1759.	0.5	0
100	Understanding the detector behavior through Montecarlo and calibration studies in view of the SOX measurement. Journal of Physics: Conference Series, 2016, 675, 012012.	0.4	0
101	The ^{144}Ce source for SOX. Journal of Physics: Conference Series, 2016, 675, 012032.	0.4	2
102	A new anti-neutrino detection technique based on positronium tagging with plastic scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 795, 364-369.	1.6	2
103	Test of Electric Charge Conservation with Borexino. Physical Review Letters, 2015, 115, 231802.	7.8	42
104	Neutrino measurements from the Sun and Earth: Results from Borexino. AIP Conference Proceedings, 2015, , .	0.4	1
105	Geo-neutrinos from 1353 Days with the Borexino Detector. Physics Procedia, 2015, 61, 340-344.	1.2	1
106	The DarkSide Multiton Detector for the Direct Dark Matter Search. Advances in High Energy Physics, 2015, 2015, 1-8.	1.1	21
107	Direct Dark Matter Search. Advances in High Energy Physics, 2015, 2015, 1-2.	1.1	0
108	DarkSide-50: A WIMP Search with a Two-phase Argon TPC. Physics Procedia, 2015, 61, 124-129.	1.2	10

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109	Direct Search for Dark Matter with DarkSide. Journal of Physics: Conference Series, 2015, 650, 012006.	0.4	9
110	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.	4.1	186
111	Short Distance Neutrino Oscillations with Borexino: SOX. Physics Procedia, 2015, 61, 511-517.	1.2	3
112	Geo-neutrinos and Borexino. Physics of Particles and Nuclei, 2015, 46, 174-181.	0.7	1
113	Solar neutrino with Borexino: Results and perspectives. Physics of Particles and Nuclei, 2015, 46, 166-173.	0.7	4
114	Spectroscopy of geoneutrinos from 2056 days of Borexino data. Physical Review D, 2015, 92, .	4.7	77
115	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.	0.5	2
116	Final results of Borexino Phase-I on low-energy solar neutrino spectroscopy. Physical Review D, 2014, 89, .	4.7	204
117	Ortho-positronium observation in the Double Chooz experiment. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
118	Improved measurements of the neutrino mixing angle $\hat{\theta}_{13}$ with the Double Chooz detector. Journal of High Energy Physics, 2014, 2014, 1.	4.7	181
119	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.	1.7	1
120	Precision muon reconstruction in Double Chooz. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 330-339.	1.6	9
121	The mass-hierarchy and CP-violation discovery reach of the LBNO long-baseline neutrino experiment. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41
122	Background-independent measurement of $\langle \sigma_{\text{SI}} \rangle$. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevie.</small>	4.1	34
123	Measurement of ortho-positronium properties in liquid scintillators. Journal of Instrumentation, 2014, 9, C03028-C03028.	1.2	1
124	Low energy neutrinos. International Journal of Modern Physics Conference Series, 2014, 31, 1460285.	0.7	0
125	Mass hierarchy discrimination with atmospheric neutrinos in large volume ice/water Cherenkov detectors. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
126	Lifetime measurements of ^{214}Po and ^{212}Po with the CTF liquid scintillator detector at LNGS. European Physical Journal A, 2013, 49, 1.	2.5	17

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127	SOX: Short distance neutrino Oscillations with Borexino. Journal of High Energy Physics, 2013, 2013, 1.	4.7	98
128	New limits on heavy sterile neutrino mixing in B decay obtained with the Borexino detector. Physical Review D, 2013, 88, .	4.7	29
129	Neutrinos from the sun and from radioactive sources. Nuclear Physics, Section B, Proceedings Supplements, 2013, 237-238, 77-81.	0.4	0
130	Solar neutrino results from Borexino. Nuclear Physics, Section B, Proceedings Supplements, 2013, 237-238, 104-106.	0.4	1
131	First measurement of $\bar{\nu}_e$ from delayed neutron capture on hydrogen in the Double Chooz experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 66-70.	4.1	84
132	Measurement of geo-neutrinos from 1353 days of Borexino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 295-300.	4.1	92
133	Recent results and future development of Borexino. Nuclear Physics, Section B, Proceedings Supplements, 2013, 235-236, 55-60.	0.4	3
134	Cosmogenic Backgrounds in Borexino at 3800 m water-equivalent depth. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 049-049.	5.4	63
135	Measurement of ortho-positronium properties in liquid scintillators. , 2013, , .		0
136	DarkSide search for dark matter. Journal of Instrumentation, 2013, 8, C11021-C11021.	1.2	36
137	Characterization of positronium properties in doped liquid scintillators. Physical Review C, 2013, 88, .	2.9	9
138	Direct measurement of backgrounds using reactor-off data in Double Chooz. Physical Review D, 2013, 87, .	4.7	21
139	STUDY OF THE RARE PROCESSES WITH THE BOREXINO DETECTOR. , 2013, , 177-180.		0
140	Cosmic-muon flux and annual modulation in Borexino at 3800 m water-equivalent depth. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 015-015.	5.4	47
141	First Evidence of p Solar Neutrinos by Direct Detection in Borexino. Physical Review Letters, 2012, 108, 051302.	7.8	213
142	Indication of Reactor $\bar{\nu}_e$ Disappearance in the Double Chooz Experiment. Physical Review Letters, 2012, 108, 131801.	7.8	879
143	First evidence of $\bar{\nu}_e$ solar neutrinos by direct detection in Borexino. Journal of Physics: Conference Series, 2012, 375, 042030.	0.4	1
144	Borexino calibrations: hardware, methods, and results. Journal of Instrumentation, 2012, 7, P10018-P10018.	1.2	60

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145	High precision ^7Be 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.	1.6	0
146	Search for solar axions produced in the $p + p \rightarrow d + e^+ + \nu_e$ reaction. Physical Review Letters, 2012, 108, 101801.	4.7	54
147	Borexino detector. Physical Review D, 2012, 85, . First test of Lorentz violation with a reactor-based antineutrino experiment. Physical Review D, 2012, 86, .	4.7	41
148	Reactor $\bar{\nu}_e$ disappearance in the Double Chooz experiment. Physical Review D, 2012, 86, .	4.7	275
149	Measurement of the solar ^8B neutrino rate with 3 MeV energy threshold in the Borexino detector. Nuclear Physics, Section B, Proceedings Supplements, 2012, 229-232, 533.	0.4	0
150	Measurement of CNGS muon neutrino speed with Borexino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 401-405.	4.1	33
151	Absence of a day-night asymmetry in the ^7Be solar neutrino rate in Borexino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 22-26.	4.1	83
152	Precision Measurement of the ^7Be Solar Neutrino Interaction Rate in Borexino. Physical Review Letters, 2011, 107, 141302.	7.8	441
153	Muon and cosmogenic neutron detection in Borexino. Journal of Instrumentation, 2011, 6, P05005-P05005.	1.2	68
154	Production and suppression of ^{11}C in the solar neutrino experiment Borexino. , 2011, , .		0
155	CNO and pep neutrino spectroscopy in Borexino: measurement of the cosmogenic ^{11}C background with the Counting Test Facility. Nuclear Physics, Section B, Proceedings Supplements, 2011, 221, 344.	0.4	1
156	Neutrino interactions at few MeV: results from Borexino at Gran Sasso. Nuclear Physics, Section B, Proceedings Supplements, 2011, 212-213, 121-127.	0.4	0
157	Solar neutrino results from Borexino and main future perspectives. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 210-213.	1.6	2
158	Borexino: recent results, detector calibration and future perspectives. Nuclear Physics, Section B, Proceedings Supplements, 2011, 217, 101-106.	0.4	2
159	Study of solar and other unknown anti-neutrino fluxes with Borexino at LNGS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 191-196.	4.1	60
160	Proposed Search for a Fourth Neutrino with a PBq Antineutrino Source. Physical Review Letters, 2011, 107, 201801.	7.8	65
161	Positronium signature in organic liquid scintillators for neutrino experiments. Physical Review C, 2011, 83, .	2.9	36
162	Observation of geo-neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 299-304.	4.1	187

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163	Experimental limits on the Pauli-forbidden transitions in ^{12}C nuclei obtained with ^{12}C nuclei. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 188, 127-129.	2.9	56
164	Measurement of the solar ^8B neutrino rate with a liquid scintillator target and 3 MeV energy threshold in the Borexino detector. <i>Physical Review D</i> , 2010, 82, .	4.7	214
165	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.	0.4	2
166	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.	1.6	292
167	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.	1.6	71
168	200 days of Borexino data. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 188, 90-95.	0.4	0
169	The classification of flaring states of blazars. <i>Astronomy and Astrophysics</i> , 2009, 502, 499-504.	5.1	18
170	First real time detection of ^7Be solar neutrinos by Borexino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 658, 101-108.	4.1	192
171	Pulse-shape discrimination with the Counting Test Facility. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 584, 98-113.	1.6	48
172	Study of phenylxylylethane (PXE) as scintillator for low energy neutrino experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 585, 48-60.	1.6	30
173	Search for solar axions emitted in the $M1$ -transition of $^7\text{Li}^*$ with Borexino CTF. <i>European Physical Journal C</i> , 2008, 54, 61-72.	3.9	26
174	Direct Measurement of the ^7Be Solar Neutrino Flux with 192 Days of Borexino Data. <i>Physical Review Letters</i> , 2008, 101, 091302.	7.8	344
175	Scintillator purification, detector performance and first results from Borexino. <i>Journal of Physics: Conference Series</i> , 2008, 120, 052017.	0.4	2
176	New results on solar neutrino fluxes from 192 days of Borexino data. <i>Journal of Physics: Conference Series</i> , 2008, 136, 022001.	0.4	4
177	Performances and calibrations of the Borexino detector. <i>Journal of Physics: Conference Series</i> , 2008, 136, 042006.	0.4	0
178	First results on ^7Be solar neutrinos from the Borexino real time detector. <i>Journal of Physics: Conference Series</i> , 2008, 120, 052006.	0.4	0
179	Measurement of the cosmogenic ^{11}C background with the Borexino Counting Test Facility. <i>AIP Conference Proceedings</i> , 2007, .	0.4	1
180	Monte Carlo evaluation of the muon-induced background in the GERDA double beta decay experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 570, 149-158.	1.6	29

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181	MaGe: a Monte Carlo framework for the Gerda and Majorana double beta decay experiments. Journal of Physics: Conference Series, 2006, 39, 362-362.	0.4	24
182	CNO and pep neutrino spectroscopy in Borexino: Measurement of the deep-underground production of cosmogenic ^{11}C in an organic liquid scintillator. Physical Review C, 2006, 74, .	2.9	37
183	Current Status of the BOREXINO experiment. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 21-24.	0.4	7
184	^{11}C measurement and CNO and pep fluxes at Borexino. Nuclear Physics, Section B, Proceedings Supplements, 2005, 145, 29-32.	0.4	4
185	Cosmogenic ^{11}C production and sensitivity of organic scintillator detectors to pep and CNO neutrinos. Physical Review C, 2005, 71, .	2.9	57
186	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.	3.9	41
187	A multiplexed optical-fiber system for the PMT calibration of the Borexino experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 496, 353-361.	1.6	12
188	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.	4.1	22
189	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.	4.1	42
190	New experimental limits on heavy neutrino mixing in 8B -decay obtained with the Borexino counting test facility. JETP Letters, 2003, 78, 261-266.	1.4	18
191	Measurements of extremely low radioactivity levels in BOREXINO. Astroparticle Physics, 2002, 18, 1-25.	4.3	138
192	Search for electron decay mode $e\hat{\nu}_1\hat{\nu}_3+\hat{\nu}_1/2$ with prototype of Borexino detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 29-40.	4.1	38
193	Positronium Formation and Decay in Organic Scintillators for Neutrino Detection. Materials Science Forum, 0, 733, 306-309.	0.3	1