Marco Pallavicini

List of Publications by Year
in descending order

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336 papers	12,787 citations	22153 59 h-index	26613 107 g-index
340 all docs	340 docs citations	340 times ranked	8079 citing authors

#	Article	IF	Citations
1	CUORE opens the door to tonne-scale cryogenics experiments. Progress in Particle and Nuclear Physics, 2022, 122, 103902.	14.4	16
2	Correlated and integrated directionality for sub-MeV solar neutrinos in Borexino. Physical Review D, 2022, 105, .	4.7	8
3	First Directional Measurement of Sub-MeV Solar Neutrinos with Borexino. Physical Review Letters, 2022, 128, 091803.	7.8	17
4	Search for low-energy signals from fast radio bursts with the Borexino detector. European Physical Journal C, 2022, 82, 1.	3.9	0
5	Search for Majorana neutrinos exploiting millikelvin cryogenics with CUORE. Nature, 2022, 604, 53-58.	27.8	74
6	A study of events with photoelectric emission in the DarkSide-50 liquid argon Time Projection Chamber. Astroparticle Physics, 2022, 140, 102704.	4.3	3
7	Search for neutrinoless <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi>Î²</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math> EC decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Te</mml:mi><mml:mprescripts /><mml:none /><mml:mn>120</mml:mn></mml:mmultiscripts></mml:math> with CUORE. Physical Review C, 2022, 105, .	2.9	1
8	Expected sensitivity to 128Te neutrinoless double beta decay with the CUORE TeO2 cryogenic bolometers. Journal of Low Temperature Physics, 2022, 209, 788-795.	1.4	1
9	Search for low-energy neutrinos from astrophysical sources with Borexino. Astroparticle Physics, 2021, 125, 102509.	4.3	26
10	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
11	Lunar Gravitational-wave Antenna. Astrophysical Journal, 2021, 910, 1.	4.5	41
12	The novel Mechanical Ventilator Milano for the COVID-19 pandemic. Physics of Fluids, 2021, 33, 037122.	4.0	29
13	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
14	Separating $${^{39}hbox {Ar}}$$ from $${^{40}hbox {Ar}}$$ by cryogenic distillation with Aria for dark-matter searches. European Physical Journal C, 2021, 81, 1.	3.9	12
15	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 322.	3.9	69
16	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>2</mml:mn><mml:mi>Î½</mml:mi><mml:mi>Î²</mml:mi><mml:mi>Î²</mml:mi></mml:math> Decay Half-Life of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Te</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>130</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>	7.8	29
17	Search for double-beta decay of $$mathrm {^{130}Te}$$ to the $$0^+$$ states of $$mathrm {^{130}Xe}$$ with CUORE. European Physical Journal C, 2021, 81, 1.	3.9	6
18	Background identification in cryogenic calorimeters through $$alpha -alpha $$ delayed coincidences. European Physical Journal C, 2021, 81, 722.	3.9	7

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19	Measurement of 216Po half-life with the CUPID-0 experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136642.	4.1	5
20	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
21	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
22	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
23	CUPID-0: A double-readout cryogenic detector for Double Beta Decay search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162441.	1.6	1
24	CUORE: The first bolometric experiment at the ton scale for the search for neutrino-less double beta decay. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162440.	1.6	2
25	The CUORE Data Acquisition System. Journal of Low Temperature Physics, 2020, 199, 258-263.	1.4	0
26	Measuring the coherent elastic neutrino-nucleus scattering with an high intensity ⁵¹Cr radioactive source. Journal of Physics: Conference Series, 2020, 1468, 012209.	0.4	0
27	Lowering the Energy Threshold of the CUORE Experiment: Benefits in the Surface Alpha Events Reconstruction. Journal of Low Temperature Physics, 2020, 200, 321-330.	1.4	4
28	Sensitivity to neutrinos from the solar CNO cycle in Borexino. European Physical Journal C, 2020, 80, 1.	3.9	19
29	Search for neutrinoless double beta decay of ^{64}Zn and ^{70}Zn with CUPID-0. European Physical Journal C, 2020, 80, 1.	3.9	12
30	Final results of the CUPID-0 Phase I experiment. Journal of Physics: Conference Series, 2020, 1468, 012205.	0.4	1
31	Effective field theory interactions for liquid argon target in DarkSide-50 experiment. Physical Review D, 2020, 101, .	4.7	6
32	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
33	Improved Limit on Neutrinoless Double-Beta Decay in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mo>â€‰</mml:mo><mml:mi>Te</mml:mi></mml:mrow><mml:mr /><mml:none	7.8	133
34	Improved measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">B</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> solar neutrinos with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1.5</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>kt</	4.7	24
35	First results from the CUORE experiment. Journal of Physics: Conference Series, 2020, 1342, 012002.	0.4	1
36	A high precision calorimeter for hunting the sterile neutrino in the SOX experiment. Journal of Physics: Conference Series, 2020, 1342, 012015.	0.4	0

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37	The Monte Carlo simulation of the Borexino detector. Journal of Physics: Conference Series, 2020, 1342, 012035.	0.4	0
38	Initial performance of the CUORE detector. Journal of Physics: Conference Series, 2020, 1342, 012114.	0.4	0
39	Comprehensive geoneutrino analysis with Borexino. Physical Review D, 2020, 101, .	4.7	42
40	The CUORE Detector and Results. Journal of Low Temperature Physics, 2020, 199, 519-528.	1.4	14
41	Perspectives of lowering CUORE thresholds with Optimum Trigger. Journal of Physics: Conference Series, 2020, 1643, 012020.	0.4	1
42	Results on ⁸²Se 2Î½2Î²2Î² with CUPID-0 Phase I. Journal of Physics: Conference Series, 2020, 1643, 012025.	0.4	1
43	Status and results from the CUORE experiment. International Journal of Modern Physics A, 2020, 35, 2044016.	1.5	0
44	The study of solar neutrinos and of non-standard neutrino interactions with Borexino. Journal of Physics: Conference Series, 2020, 1468, 012192.	0.4	0
45	Results from the CUORE experiment. Journal of Physics: Conference Series, 2019, 1137, 012052.	0.4	0
46	CUPID-0, challenges and achievements in the struggle of 0-background double-beta decay experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 519-522.	1.6	3
47	Solar Neutrino Results and Future Opportunities with Borexino. Journal of Physics: Conference Series, 2019, 1137, 012054.	0.4	1
48	Background model of the CUPID-0 experiment. European Physical Journal C, 2019, 79, 1.	3.9	45
49	Final Result of CUPID-0 Phase-I in the Search for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Se</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>82</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Neutrinless Double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	7.8	68
50	Front-end electronic system for large area photomultipliers readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 325-326.	1.6	0
51	Double-beta decay of $$^{130}hbox {Te}$$ to the first $$0^+$$ excited state of $$^{130}hbox {Xe}$$ with CUORE-0. European Physical Journal C, 2019, 79, 1.	3.9	10
52	Simultaneous precision spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Be</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></m	4.7	80
53	First search for Lorentz violation in double beta decay with scintillating calorimeters. Physical Review D, 2019, 100, .	4.7	24
54	Coherent elastic nuclear scattering of ^{51}Cr neutrinos. European Physical Journal C, 2019, 79, 1.	3.9	9

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55	Recoil Directionality Experiment. EPJ Web of Conferences, 2019, 209, 01031.	0.3	0
56	Modulations of the cosmic muon signal in ten years of Borexino data. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 046-046.	5.4	22
57	Directional dark matter detection sensitivity of a two-phase liquid argon detector. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 014-014.	5.4	8
58	Result on the Neutrinoless Double Beta Decay Search of 82Se with the CUPID-0 Experiment. Universe, 2019, 5, 2.	2.5	0
59	Results on double beta decay of 82Se with CUPID-0 Phase I. AIP Conference Proceedings, 2019, , .	0.4	1
60	Measurement of the ion fraction and mobility of ²¹⁸Po produced in ²²²Rn decays in liquid argon. Journal of Instrumentation, 2019, 14, P11018-P11018.	1.2	2
61	Search for Neutrinoless Double-Beta Decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Se</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>82</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Se</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>82</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>	7.8	44
62	CUORE: The first bolometric experiment at the ton scale for rare decay searches. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 158-161.	1.6	0
63	Results from the Cuore Experiment â€. Universe, 2019, 5, 10.	2.5	5
64	Solar neutrino physics with Borexino. , 2019, , .		0
65	Search for geo-neutrinos and rare nuclear processes with Borexino. International Journal of Modern Physics A, 2018, 33, 1843009.	1.5	2
66	Study of rare nuclear processes with CUORE. International Journal of Modern Physics A, 2018, 33, 1843002.	1.5	11
67	First Results from CUORE: A Search for Lepton Number Violation via <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>0</mml:mn><mml:mi>Î½</mml:mi><mml:mi>Î²</mml:mi><mml:mi>Î²</mml:mi></mml:mrow> Decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Te</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>130</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow>	7.8	246
68	The Monte Carlo simulation of the Borexino detector. Astroparticle Physics, 2018, 97, 136-159.	4.3	30
69	Search of the neutrino-less double beta decay of ^{82} 82 Se into the excited states of ^{82}. European Physical Journal C, 2018, 78, 888.	3.9	26
70	Analysis of cryogenic calorimeters with light and heat read-out for double beta decay searches. European Physical Journal C, 2018, 78, 734.	3.9	36
71	Solar Neutrinos Spectroscopy with Borexino Phase-II. Universe, 2018, 4, 118.	2.5	2
72	A data acquisition and control system for large mass bolometer arrays. Journal of Instrumentation, 2018, 13, P12003-P12003.	1.2	32

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73	The CUORE and CUORE-0 experiments at LNGS. Journal of Physics: Conference Series, 2018, 1056, 012009.	0.4	0
74	0Î½Î²Î² decay: the CUPID-0 experiment. Journal of Physics: Conference Series, 2018, 1056, 012044.	0.4	1
75	A calorimeter for the precise determination of the activity of the 144Ce-144Pr anti-neutrino source in the SOX experiment. Journal of Instrumentation, 2018, 13, P09008-P09008.	1.2	4
76	DarkSide-50 532-day dark matter search with low-radioactivity argon. Physical Review D, 2018, 98, .	4.7	147
77	CUPID-0: the first array of enriched scintillating bolometers for 0 $$u eta eta $$ Î½ Î² Î² decay investigations. European Physical Journal C, 2018, 78, 428.	3.9	56
78	Comprehensive measurement of pp-chain solar neutrinos. Nature, 2018, 562, 505-510.	27.8	169
79	Constraints on Sub-GeV Dark-Matterâ€“Electron Scattering from the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 111303.	7.8	179
80	Search for neutrinoless Î²+EC decay of Te120 with CUORE-0. Physical Review C, 2018, 97, .	2.9	15
81	DarkSide-20k: A 20 tonne two-phase LAr TPC for direct dark matter detection at LNGS. European Physical Journal Plus, 2018, 133, 1.	2.6	247
82	Low-Mass Dark Matter Search with the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 081307.	7.8	259
83	Electroluminescence pulse shape and electron diffusion in liquid argon measured in a dual-phase TPC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 904, 23-34.	1.6	13
84	First Result on the Neutrinoless Double β Decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Se</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>82</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></	7.8	89
85	CUPID-0: A Cryogenic Calorimeter with Particle Identification for Double Beta Decay Search. Springer Proceedings in Physics, 2018, , 183-186.	0.2	0
86	Recent Borexino results and perspectives of the SOX measurement. EPJ Web of Conferences, 2018, 182, 02099.	0.3	0
87	The CUORE Bolometric Detector for Neutrinoless Double Beta Decay Searches. Springer Proceedings in Physics, 2018, , 202-207.	0.2	0
88	Scintillating bolometric technique for the neutrino-less double beta decay search: The LUCIFER/CUPID-0 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 342-346.	1.6	5
89	A White Paper on keV sterile neutrino Dark Matter. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 025-025.	5.4	256
90	Measurement of the two-neutrino double-beta decay half-life of ^{130}Te with the CUORE-0 experiment. European Physical Journal C, 2017, 77, 1.	3.9	73

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91	Seasonal modulation of the 7 Be solar neutrino rate in Borexino. Astroparticle Physics, 2017, 92, 21-29.	4.3	22
92	The DarkSide Experiment: Present Status and Future. Journal of Physics: Conference Series, 2017, 798, 012109.	0.4	7
93	Effect of low electric fields on alpha scintillation light yield in liquid argon. Journal of Instrumentation, 2017, 12, P01021-P01021.	1.2	5
94	The CUORE cryostat and its bolometric detector. Journal of Instrumentation, 2017, 12, C02055-C02055.	1.2	2
95	Simulation of argon response and light detection in the DarkSide-50 dual phase TPC. Journal of Instrumentation, 2017, 12, P10015-P10015.	1.2	31
96	RESULTS FROM BOREXINO AT LNGS. , 2017, , 81-86.		0
97	Lowering the CUORE energy threshold. Journal of Physics: Conference Series, 2017, 888, 012047.	0.4	0
98	Limiting neutrino magnetic moments with Borexino Phase-II solar neutrino data. Physical Review D, 2017, 96, .	4.7	94
99	A Search for Low-energy Neutrinos Correlated with Gravitational Wave Events GW 150914, GW 151226, and GW 170104 with the Borexino Detector. Astrophysical Journal, 2017, 850, 21.	4.5	26
100	Borexino: Recent results and future plans. Physics of Particles and Nuclei, 2017, 48, 1026-1029.	0.7	1
101	Recent Results from Borexino. Journal of Physics: Conference Series, 2017, 798, 012114.	0.4	0
102	Borexinoâ€™s search for low-energy neutrino and antineutrino signals correlated with gamma-ray bursts. Astroparticle Physics, 2017, 86, 11-17.	4.3	13
103	Results from CUORE and CUORE-0. AIP Conference Proceedings, 2017, , .	0.4	0
104	The projected background for the CUORE experiment. European Physical Journal C, 2017, 77, 1.	3.9	90
105	CUORE sensitivity to $$0u eta eta $$ decay. European Physical Journal C, 2017, 77, 1.	3.9	31
106	CeSOX: An experimental test of the sterile neutrino hypothesis with Borexino. Journal of Physics: Conference Series, 2017, 934, 012003.	0.4	1
107	The DarkSide direct dark matter search with liquid argon. AIP Conference Proceedings, 2017, , .	0.4	0
108	Low energy analysis techniques for CUORE. European Physical Journal C, 2017, 77, 1.	3.9	17

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109	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.	1.2	10
110	CALISâ€"A CALibration Insertion System for the DarkSide-50 dark matter search experiment. Journal of Instrumentation, 2017, 12, T12004-T12004.	1.2	10
111	Solar neutrino detectors as sterile neutrino hunters. Journal of Physics: Conference Series, 2017, 888, 012018.	0.4	1
112	Test of the electron stability with the Borexino detector. Journal of Physics: Conference Series, 2017, 888, 012193.	0.4	1
113	Recoil Directionality Studies in Two-Phase Liquid Argon TPC Detectors. EPJ Web of Conferences, 2017, 164, 07036.	0.3	0
114	Cryogenic Characterization of FBK RGB-HD SiPMs. Journal of Instrumentation, 2017, 12, P09030-P09030.	1.2	16
115	The CUORE and CUORE-0 experiments at LNGS. EPJ Web of Conferences, 2017, 164, 07047.	0.3	0
116	Status and prospects for CUORE. Journal of Physics: Conference Series, 2017, 888, 012034.	0.4	3
117	The LUCIFER/CUPID-0 demonstrator: searching for the neutrinoless double-beta decay with Zn⁸²Se scintillating bolometers. Journal of Physics: Conference Series, 2017, 888, 012077.	0.4	3
118	Improvements in the simulation code of the SOX experiment. Journal of Physics: Conference Series, 2017, 888, 012145.	0.4	0
119	Borexino: geo-neutrino measurement at Gran Sasso, Italy. Annals of Geophysics, 2017, 60, .	1.0	2
120	THE DARKSIDE-50 EXPERIMENT: A LIQUID ARGON TARGET FOR DARK MATTER PARTICLES. , 2017, , 355-360.		0
121	Recent results from Borexino. Journal of Physics: Conference Series, 2016, 718, 062059.	0.4	0
122	Short distance neutrino oscillations with Borexino. EPJ Web of Conferences, 2016, 121, 01002.	0.3	0
123	The DarkSide Program. EPJ Web of Conferences, 2016, 121, 06010.	0.3	0
124	Recent Borexino results and prospects for the near future. EPJ Web of Conferences, 2016, 126, 02008.	0.3	2
125	SOX: search for short baseline neutrino oscillations with Borexino. Journal of Physics: Conference Series, 2016, 718, 062066.	0.4	3
126	Results from the CUORE-0 experiment. Journal of Physics: Conference Series, 2016, 718, 062007.	0.4	1

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127	Geo-neutrino results with Borexino. Journal of Physics: Conference Series, 2016, 675, 012029.	0.4	3
128	CNO andpepsolar neutrino measurements and perspectives in Borexino. Journal of Physics: Conference Series, 2016, 675, 012040.	0.4	2
129	Overview and accomplishments of the Borexino experiment. Journal of Physics: Conference Series, 2016, 675, 012036.	0.4	1
130	Measurement of neutrino flux from the primary protonâ€“proton fusion process in the Sun with Borexino detector. Physics of Particles and Nuclei, 2016, 47, 995-1002.	0.7	7
131	The DarkSide-50 outer detectors. Journal of Physics: Conference Series, 2016, 718, 042062.	0.4	0
132	The search for sterile neutrinos with SOX-Borexino. Physics of Atomic Nuclei, 2016, 79, 1481-1484.	0.4	2
133	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
134	The electronics and data acquisition system for the DarkSide-50 veto detectors. Journal of Instrumentation, 2016, 11, P12007-P12007.	1.2	7
135	The veto system of the DarkSide-50 experiment. Journal of Instrumentation, 2016, 11, P03016-P03016.	1.2	33
136	The DarkSide project. Journal of Instrumentation, 2016, 11, C02051-C02051.	1.2	3
137	A high precision calorimeter for the SOX experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 699-700.	1.6	1
138	Status of the CUORE and results from the CUORE-0 neutrinoless double beta decay experiments. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1719-1725.	0.5	4
139	SOX: Short Distance Neutrino Oscillations with Borexino. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1760-1764.	0.5	2
140	First array of enriched Zn ^{82} 82 Se bolometers to search for double beta decay. European Physical Journal C, 2016, 76, 364.	3.9	62
141	Analysis techniques for the evaluation of the neutrinoless double-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>decay lifetime in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Te</mml:mi><mml:mprescripts /><mml:none /><mml:mn>130</mml:mn></mml:mmultiscripts></mml:math>with the CUORE-0 detector. Physical Review C, 2016, 93, .	2.9	64
142	Results from the first use of low radioactivity argon in a dark matter search. Physical Review D, 2016, 93, .	4.7	108
143	Test of the electric charge conservation law with Borexino detector. Journal of Physics: Conference Series, 2016, 675, 012025.	0.4	0
144	Measurement of Solar pp-neutrino flux with Borexino: results and implications. Journal of Physics: Conference Series, 2016, 675, 012027.	0.4	3

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145	The high precision measurement of the¹⁴⁴Ce activity in the SOX experiment. Journal of Physics: Conference Series, 2016, 675, 012035.	0.4	0
146	First realâ€“time detection of solar pp neutrinos by Borexino. EPJ Web of Conferences, 2016, 121, 01001.	0.3	0
147	The DarkSide awakens. Journal of Physics: Conference Series, 2016, 718, 042016.	0.4	4
148	CUORE-0 detector: design, construction and operation. Journal of Instrumentation, 2016, 11, P07009-P07009.	1.2	64
149	High significance measurement of the terrestrial neutrino flux with the Borexino detector. Journal of Physics: Conference Series, 2016, 718, 062025.	0.4	1
150	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
151	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
152	The144Ce source for SOX. Journal of Physics: Conference Series, 2016, 675, 012032.	0.4	2
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