Matthias Laubenstein

List of Publications by Year
in descending order

430 papers	15,650 citations	19657 61 h-index	22166 113 g-index
432 all docs	432 docs citations	432 times ranked	5674 citing authors

#	Article	IF	Citations
1	Search for rare alpha and double beta decays of Yb isotopes to excited levels of daughter nuclei. European Physical Journal C, 2022, 82, 1.	3.9	2
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	Pulse shape analysis in Gerda Phase II. European Physical Journal C, 2022, 82, 284.	3.9	7
6	Development of a cryogenic In<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e413" altimg="si88.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e421" altimg="si89.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math> calorimeter to measure t	1.6	4
7	Analysis methods used and planned for VIP-2. EPJ Web of Conferences, 2022, 262, 01022.	0.3	0
8	Arpu Kuilpu: An H5 from the outer main belt. Meteoritics and Planetary Science, 2022, 57, 1146-1157.	1.6	4
9	Testing the Pauli Exclusion Principle with the VIP-2 Experiment. Symmetry, 2022, 14, 893.	2.2	9
10	At the crossroad of the search for spontaneous radiation and the Orch OR consciousness theory. Physics of Life Reviews, 2022, 42, 8-14.	2.8	4
11	Investigation on Rare Nuclear Processes in Hf Nuclides. Radiation, 2022, 2, 234-247.	1.4	0
12	Material radiopurity control in the XENONnT experiment. European Physical Journal C, 2022, 82, .	3.9	13
13	Search for low-energy neutrinos from astrophysical sources with Borexino. Astroparticle Physics, 2021, 125, 102509.	4.3	26
14	Underground test of gravity-related wave function collapse. Nature Physics, 2021, 17, 74-78.	16.7	67
15	Search for double $$eta $$-decay modes of ^{64}Zn using purified zinc. European Physical Journal C, 2021, 81, 1.	3.9	5
16	An investigation of the 27 July 2018 bolide and meteorite fall over Benenitra, southwestern Madagascar. South African Journal of Science, 2021, 117, .	0.7	1
17	Measurement of ¹⁹⁰Pt alpha decay modes with gamma emission using a novel approach with an ultra-low-background high purity germanium detector. Journal of Instrumentation, 2021, 16, P03027.	1.2	5
18	The impact and recovery of asteroid 2018 LA. Meteoritics and Planetary Science, 2021, 56, 844-893.	1.6	21

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19	Double beta decay of ¹⁵⁰Nd to the first 0⁺ excited level of ¹⁵⁰Sm. Physica Scripta, 2021, 96, 085302.	2.5	6
20	New experimental limits on double-beta decay of osmium. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 085104.	3.6	4
21	Characterization of inverted coaxial ^{76}Ge detectors in GERDA for future double-$$eta $$ decay experiments. European Physical Journal C, 2021, 81, 505.	3.9	7
22	A search for rare and induced nuclear decays in hafnium. Nuclear Physics A, 2021, 1012, 122212.	1.5	10
23	Novel CSL bounds from the noise-induced radiation emission from atoms. European Physical Journal C, 2021, 81, 1.	3.9	12
24	Calibration of the Gerda experiment. European Physical Journal C, 2021, 81, 682.	3.9	9
25	Neutrinoless Double Beta Decay with Germanium Detectors: 1026 yr and Beyond. Universe, 2021, 7, 341.	2.5	10
26	Semi-Analytical Monte Carlo Method to Simulate the Signal of the VIP-2 Experiment. Symmetry, 2021, 13, 6.	2.2	2
27	A new limit on the resonant absorption of solar axions obtained via 169Tm-containing bolometer. Journal of Physics: Conference Series, 2021, 2103, 012142.	0.4	0
28	Solar and geoneutrinos. Journal of Physics: Conference Series, 2021, 2156, 012002.	0.4	0
29	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
30	Î³-ray high sensitivity tests of Collapse Models. Journal of Physics: Conference Series, 2021, 2156, 012167.	0.4	0
31	First Cherenkov directional detection of sub-MeV solar neutrinos in Borexino. Journal of Physics: Conference Series, 2021, 2156, 012111.	0.4	0
32	Observation of CNO cycle solar neutrinos in Borexino. Journal of Physics: Conference Series, 2021, 2156, 012128.	0.4	0
33	Consistency test of coincidence-summing calculation methods for extended sources. Applied Radiation and Isotopes, 2020, 155, 108921.	1.5	9
34	Determining the probability of locating peaks using computerized peak-location methods in gamma-ray spectra as a function of the relative peak-area uncertainty. Applied Radiation and Isotopes, 2020, 155, 108920.	1.5	3
35	A test of bolometric properties of Tm-containing crystals as a perspective detector for a solar axion search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 949, 162924.	1.6	4
36	Characterization of vanadium of biological origin for possible applications in physics experiments. Journal of Environmental Radioactivity, 2020, 225, 106426.	1.7	1

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37	Investigation of ASIC-based signal readout electronics for LEGEND-1000. Journal of Instrumentation, 2020, 15, P09022-P09022.	1.2	6
38	Sensitivity to neutrinos from the solar CNO cycle in Borexino. European Physical Journal C, 2020, 80, 1.	3.9	19
39	Search for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math>decay of naturally occurring osmium nuclides accompanied by<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math>quanta. Physical Review C, 2020, 102, .	2.9	11
40	Low background scintillators to investigate rare processes. Journal of Instrumentation, 2020, 15, C07037-C07037.	1.2	14
41	VIP-2 - Testing spin-statistics for electrons with high sensitivity. Journal of Physics: Conference Series, 2020, 1468, 012230.	0.4	0
42	First limits on double beta decays in $$^mathbf{232}$$Th. European Physical Journal C, 2020, 80, 1.	3.9	0
43	Final Results of GERDA on the Search for Neutrinoless Double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math> Decay. Physical Review Letters, 2020, 125, 252502.	7.8	208
44	The key role of the Silicon Drift Detectors in testing the Pauli Exclusion Principle for electrons: the VIP-2 experiment. Journal of Physics: Conference Series, 2020, 1548, 012033.	0.4	2
45	Low Background Radiation Detection Techniques and Mitigation of Radioactive Backgrounds. Frontiers in Physics, 2020, 8, .	2.1	22
46	High precision test of the Pauli Exclusion Principle for electrons. Journal of Physics: Conference Series, 2020, 1586, 012016.	0.4	0
47	VIP-2 â€"High-Sensitivity Tests on the Pauli Exclusion Principle for Electrons. Entropy, 2020, 22, 1195.	2.2	9
48	New limits on the resonant absorption of solar axions obtained with a $$^mathbf{169}$$Tm-containing cryogenic detector. European Physical Journal C, 2020, 80, 1.	3.9	6
49	Search for Î± decay of naturally occurring Hf-nuclides using a Cs2HfCl6 scintillator. Nuclear Physics A, 2020, 1002, 121941.	1.5	18
50	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"	4.7	24
51	First Search for Bosonic Superweakly Interacting Massive Particles with Masses up to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>MeV</mml:mi> with GERDA. Physical Review Letters, 2020, 125, 011801.	7.8	20
52	Searching for neutrinoless double beta decay with GERDA. Journal of Physics: Conference Series, 2020, 1342, 012005.	0.4	4
53	The Monte Carlo simulation of the Borexino detector. Journal of Physics: Conference Series, 2020, 1342, 012035.	0.4	0
54	VIP2 at Gran Sasso - Test of the validity of the spin statistics theorem for electrons with X-ray spectroscopy. Journal of Physics: Conference Series, 2020, 1342, 012087.	0.4	0

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55	Comprehensive geoneutrino analysis with Borexino. Physical Review D, 2020, 101, .	4.7	42
56	Modeling of GERDA Phase II data. Journal of High Energy Physics, 2020, 2020, 1.	4.7	18
57	Constraints on flavor-diagonal non-standard neutrino interactions from Borexino Phase-II. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
58	Search for a remnant violation of the Pauli exclusion principle in a Roman lead target. European Physical Journal C, 2020, 80, 1.	3.9	7
59	Testing the Pauli Exclusion Principle in the Cosmic Silence. Acta Physica Polonica B, 2020, 51, 97.	0.8	0
60	New Concepts in Tests of the Pauli Exclusion Principle in Bulk Matter. Acta Physica Polonica B, 2020, 51, 91.	0.8	0
61	The study of solar neutrinos and of non-standard neutrino interactions with Borexino. Journal of Physics: Conference Series, 2020, 1468, 012192.	0.4	0
62	First search for 2Îµ and ÎµÎ²+ processes in 168Yb. Nuclear Physics A, 2019, 990, 64-78.	1.5	11
63	Ejbyâ€"A new H5/6 ordinary chondrite fall in Copenhagen, Denmark. Meteoritics and Planetary Science, 2019, 54, 1853-1869.	1.6	11
64	VIP2 in LNGS - Testing the Pauli Exclusion Principle for electrons with high sensitivity. Journal of Physics: Conference Series, 2019, 1275, 012028.	0.4	0
65	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
66	Probing Majorana neutrinos with double-Î² decay. Science, 2019, 365, 1445-1448.	12.6	99
67	The Creston, California, meteorite fall and the origin of L chondrites. Meteoritics and Planetary Science, 2019, 54, 699-720.	1.6	21
68	High Precision Test of the Pauli Exclusion Principle for Electrons. Condensed Matter, 2019, 4, 45.	1.8	4
69	Cosmogenic Radionuclides In Meteorites and Solar Modulation of Galactic Cosmic Rays In the Internal Heliosphere. Solar System Research, 2019, 53, 98-115.	0.7	7
70	The SariÃ§iÃ§ek howardite fall in Turkey: Source crater of <scp>HED</scp> meteorites on Vesta and impact risk of Vestoids. Meteoritics and Planetary Science, 2019, 54, 953-1008.	1.6	30
71	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
72	New investigation of half-lives for the decay modes of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">V</mml:mi><mml:mprescripts /><mml:none /><mml:mn>50</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2019, 99, .	2.9	13

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73	Collapse models tested in the LNGS underground laboratories. International Journal of Quantum Information, 2019, 17, 1941011.	1.1	3
74	Characterization of 30 ^{76}Ge enriched Broad Energy Ge detectors for GERDA Phase II. European Physical Journal C, 2019, 79, 978.	3.9	19
75	Study of double-Î² decay of 150Nd to the first 0+ excited level of 150Sm. AIP Conference Proceedings, 2019, , .	0.4	4
76	Aurora experiment: Final results of studies of 116Cd 2Î² decay with enriched 116CdWO4 crystal scintillators. AIP Conference Proceedings, 2019, , .	0.4	3
77	First direct search for $2 epsilon$ and $ epsiloneta^{+}$ decay of 144Sm and $2 eta^{-}$ decay of 154Sm. European Physical Journal A, 2019, 55, 1.	2.5	8
78	Detector setup of the VIP2 underground experiment at LNGS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 233-234.	1.6	1
79	Solar neutrino physics with Borexino. , 2019, , .		0
80	Search for time modulations in the decay constant of 40K and 226Ra at the underground Gran Sasso Laboratory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 61-65.	4.1	13
81	GERDA results and the future perspectives for the neutrinoless double beta decay search using 76Ge. International Journal of Modern Physics A, 2018, 33, 1843004.	1.5	6
82	Improved Limit on Neutrinoless Double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></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>Ge</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>76</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> fr	7.8	245
83	The Monte Carlo simulation of the Borexino detector. Astroparticle Physics, 2018, 97, 136-159.	4.3	30
84	Search for the violation of Pauli Exclusion Principle at LNGS. EPJ Web of Conferences, 2018, 182, 02118.	0.3	1
85	Recent Developments and Results on Double Beta Decays with Crystal Scintillators and HPGe Spectrometry. Universe, 2018, 4, 147.	2.5	2
86	Solar Neutrinos Spectroscopy with Borexino Phase-II. Universe, 2018, 4, 118.	2.5	2
87	Final results of the Aurora experiment to study <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2</mml:mn><mml:mi>Î²</mml:mi></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>Cd</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>116</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></	4.7	52
88	Upgrade for PhaseÂII of the Gerda experiment. European Physical Journal C, 2018, 78, 1.	3.9	46
89	Searching Neutrinoless Double Beta Decay with Gerda Phase II. International Journal of Modern Physics Conference Series, 2018, 46, 1860040.	0.7	0
90	On the Importance of Electron Diffusion in a Bulk-Matter Test of the Pauli Exclusion Principle. Entropy, 2018, 20, 515.	2.2	13

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91	An innovative technique for the investigation of the 4-fold forbidden beta-decay of 50V. European Physical Journal A, 2018, 54, 1.	2.5	12
92	First search for 2Îµ and ÎµÎ²+ decay of ¹⁶²Er and new limit on 2Î²- decay of ¹⁷⁰Er to the first excited level of ¹⁷⁰Yb. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 095101.	3.6	10
93	Experimental search for the violation of Pauli exclusion principle. European Physical Journal C, 2018, 78, 319.	3.9	20
94	Limits and performances of a BaWO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml76" display="inline" overflow="scroll" altimg="si1.gif"><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:math>single crystal. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 901, 150-155.	1.6	8
95	Underground Test of Quantum Mechanics: The VIP2 Experiment. STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health, 2018, , 155-168.	0.0	2
96	Double beta decay of 150Nd to the first excited 0+ level of Sm: Preliminary results. Nuclear Physics and Atomic Energy, 2018, 19, 95-102.	0.5	10
97	Recent Borexino results and perspectives of the SOX measurement. EPJ Web of Conferences, 2018, 182, 02099.	0.3	0
98	Monte Carlo simulation of background characteristics of a HPGe detector operating underground in the Gran Sasso National Laboratory. Applied Radiation and Isotopes, 2017, 126, 188-190.	1.5	15
99	Coordinated underground measurements of gamma-ray emitting radionuclides for plasma physics research. Applied Radiation and Isotopes, 2017, 126, 121-126.	1.5	1
100	Annama H chondriteâ€”Mineralogy, physical properties, cosmic ray exposure, and parent body history. Meteoritics and Planetary Science, 2017, 52, 1525-1541.	1.6	22
101	Seasonal modulation of the 7 Be solar neutrino rate in Borexino. Astroparticle Physics, 2017, 92, 21-29.	4.3	22
102	The Stubenberg meteoriteâ€”An <scp>LL</scp>6 chondrite fragmental breccia recovered soon after precise prediction of the strewn field. Meteoritics and Planetary Science, 2017, 52, 1683-1703.	1.6	20
103	Limits on uranium and thorium bulk content in Gerda Phase I detectors. Astroparticle Physics, 2017, 91, 15-21.	4.3	9
104	Background-free search for neutrinoless double-Î² decay of 76Ge with GERDA. Nature, 2017, 544, 47-52.	27.8	205
105	Exploratory growth in the Li2MoO4-MoO3 system for the next crystal generation of heat-scintillation cryogenic bolometers. Solid State Sciences, 2017, 65, 41-51.	3.2	24
106	Screening of materials with high purity germanium detectors at the Laboratori Nazionali del Gran Sasso. International Journal of Modern Physics A, 2017, 32, 1743002.	1.5	52
107	New limits on $2 varepsilon$ 2 É› , $varepsilon eta^{+}$ É› Î² + and $2 eta^{+}$ 2 Î² + decay of 136Ce and 138Ce with deeply purified cerium sample. European Physical Journal A, 2017, 53, 1.	2.5	13
108	Pulse-shape discrimination with Cs2HfCl6 crystal scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 869, 63-67.	1.6	17

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109	Contamination of the Cs<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml151" display="inline" overflow="scroll" altimg="si151.gif"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>HfCl<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml152" display="inline" overflow="scroll" altimg="si152.gif"><mml:msub><mml:mrow /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:msub></mml:math> crystal scintillator. Nucl	1.6	16
110	Cosmicâ€ray exposure ages of six chondritic Almahata Sitta fragments. Meteoritics and Planetary Science, 2017, 52, 2353-2374.	1.6	27
111	Quantum mechanics under X-rays in the Gran Sasso underground laboratory. International Journal of Quantum Information, 2017, 15, 1740004.	1.1	2
112	Limiting neutrino magnetic moments with Borexino Phase-II solar neutrino data. Physical Review D, 2017, 96, .	4.7	94
113	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
114	Investigation of 2Î² decay of 116Cd with the help of enriched 116CdWO4 crystal scintillators. AIP Conference Proceedings, 2017, , .	0.4	6
115	Borexino: Recent results and future plans. Physics of Particles and Nuclei, 2017, 48, 1026-1029.	0.7	1
116	Production of 82Se enriched Zinc Selenide (ZnSe) crystals for the study of neutrinoless double beta decay. Journal of Crystal Growth, 2017, 475, 158-170.	1.5	41
117	Recent Results from Borexino. Journal of Physics: Conference Series, 2017, 798, 012114.	0.4	0
118	The Braunschweig meteorite â˜ a recent L6 chondrite fall in Germany. Chemie Der Erde, 2017, 77, 207-224.	2.0	16
119	Borexinoâ€™s search for low-energy neutrino and antineutrino signals correlated with gamma-ray bursts. Astroparticle Physics, 2017, 86, 11-17.	4.3	13
120	The projected background for the CUORE experiment. European Physical Journal C, 2017, 77, 1.	3.9	90
121	Search for neutrinoless double beta decay with GERDA phase II. AIP Conference Proceedings, 2017, , .	0.4	0
122	CeSOX: An experimental test of the sterile neutrino hypothesis with Borexino. Journal of Physics: Conference Series, 2017, 934, 012003.	0.4	1
123	Development of $$^{100}hbox {Mo}$$ 100 Mo -containing scintillating bolometers for a high-sensitivity neutrinoless double-beta decay search. European Physical Journal C, 2017, 77, 785.	3.9	100
124	Solar neutrino detectors as sterile neutrino hunters. Journal of Physics: Conference Series, 2017, 888, 012018.	0.4	1
125	Test of the electron stability with the Borexino detector. Journal of Physics: Conference Series, 2017, 888, 012193.	0.4	1
126	First results of GERDA Phase II and consistency with background models. Journal of Physics: Conference Series, 2017, 798, 012106.	0.4	0

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127	Test of the Pauli Exclusion Principle in the VIP-2 Underground Experiment. Entropy, 2017, 19, 300.	2.2	17
128	Material radioassay and selection for the XENON1T dark matter experiment. European Physical Journal C, 2017, 77, 1.	3.9	36
129	The large enriched germanium experiment for neutrinoless double beta decay (LEGEND). AIP Conference Proceedings, 2017, , .	0.4	126
130	VIP-2 at LNGS: An experiment on the validity of the Pauli Exclusion Principle for electrons. Journal of Physics: Conference Series, 2017, 873, 012018.	0.4	0
131	Underground tests of quantum mechanics. Whispers in the cosmic silence?. Journal of Physics: Conference Series, 2017, 880, 012045.	0.4	1
132	Improvements in the simulation code of the SOX experiment. Journal of Physics: Conference Series, 2017, 888, 012145.	0.4	0
133	First results from GERDA Phase II. Journal of Physics: Conference Series, 2017, 888, 012030.	0.4	1
134	Active background suppression with the liquid argon scintillation veto of GERDA Phase II. Journal of Physics: Conference Series, 2017, 888, 012238.	0.4	2
135	Study of the GERDA Phase II background spectrum. Journal of Physics: Conference Series, 2017, 888, 012106.	0.4	1
136	Recent results from Borexino. Journal of Physics: Conference Series, 2016, 718, 062059.	0.4	0
137	Short distance neutrino oscillations with Borexino. EPJ Web of Conferences, 2016, 121, 01002.	0.3	0
138	Search for double beta decay of¹¹⁶Cd with enriched¹¹⁶CdWO₄crystal scintillators (Aurora experiment). Journal of Physics: Conference Series, 2016, 718, 062009.	0.4	19
139	Recent Borexino results and prospects for the near future. EPJ Web of Conferences, 2016, 126, 02008.	0.3	2
140	SOX: search for short baseline neutrino oscillations with Borexino. Journal of Physics: Conference Series, 2016, 718, 062066.	0.4	3
141	New limits on 2Î² processes in¹⁰⁶Cd. Journal of Physics: Conference Series, 2016, 718, 062062.	0.4	2
142	Geo-neutrino results with Borexino. Journal of Physics: Conference Series, 2016, 675, 012029.	0.4	3
143	CNO andpepsolar neutrino measurements and perspectives in Borexino. Journal of Physics: Conference Series, 2016, 675, 012040.	0.4	2
144	Overview and accomplishments of the Borexino experiment. Journal of Physics: Conference Series, 2016, 675, 012036.	0.4	1

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145	Searches for the violation of Pauli exclusion principle at LNGS in VIP(-2) experiment. Journal of Physics: Conference Series, 2016, 718, 042055.	0.4	5
146	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
147	Double beta decays into excited states in ¹¹⁰Pd and ¹⁰²Pd. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 115201.	3.6	6
148	The search for sterile neutrinos with SOX-Borexino. Physics of Atomic Nuclei, 2016, 79, 1481-1484.	0.4	2
149	Intrinsic neutron background of nuclear emulsions for directional Dark Matter searches. Astroparticle Physics, 2016, 80, 16-21.	4.3	25
150	Certified reference materials for radionuclides in Bikini Atoll sediment (IAEA-410) and Pacific Ocean sediment (IAEA-412). Applied Radiation and Isotopes, 2016, 109, 101-104.	1.5	19
151	The X-ray machine for the examination of quantum mechanics. International Journal of Quantum Information, 2016, 14, 1640017.	1.1	2
152	Improvement of radiopurity level of enriched 116CdWO4 and ZnWO4 crystal scintillators by recrystallization. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 833, 77-81.	1.6	43
153	Flux modulations seen by the muon veto of the Gerda experiment. Astroparticle Physics, 2016, 84, 29-35.	4.3	18
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