Angelo Nucciotti

List of Publications by Year
in descending order

267	5,338	94269	102304
papers	citations	37 h-index	66 g-index

268	268	268	1909
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CUORE opens the door to tonne-scale cryogenics experiments. Progress in Particle and Nuclear Physics, 2022, 122, 103902.	5.6	16
2	Bimodal Approach for Noise Figures of Merit Evaluation in Quantum-Limited Josephson Traveling Wave Parametric Amplifiers. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-6.	1.1	8
3	Still too small to be measured. Nature Physics, 2022, 18, 128-129.	6.5	2
4	Search for Majorana neutrinos exploiting millikelvin cryogenics with CUORE. Nature, 2022, 604, 53-58.	13.7	74
5	Implementation and optimization of the PTOLEMY transverse drift electromagnetic filter. Journal of Instrumentation, 2022, 17, P05021.	0.5	10
6	The matrix optimum filter for low temperature detectors dead-time reduction. European Physical Journal C, 2022, 82, 421.	1.4	1
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, .	1.1	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.	0.6	1
9	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>	2.9	29
10	A novel approach for nearly-coincident events rejection. European Physical Journal C, 2021, 81, 1.	1.4	7
11	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.	1.4	6
12	Progress in the Development of TES Microcalorimeter Detectors Suitable for Neutrino Mass Measurement. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	7
13	Development of Microwave Kinetic Inductance Detectors for IR Single-Photon Counting. Journal of Low Temperature Physics, 2020, 199, 73-79.	0.6	6
14	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.	0.7	2
15	Transition-Edge Sensors for HOLMES. Journal of Low Temperature Physics, 2020, 199, 716-722.	0.6	5
16	Lowering the Energy Threshold of the CUORE Experiment: Benefits in the Surface Alpha Events Reconstruction. Journal of Low Temperature Physics, 2020, 200, 321-330.	0.6	4
17	TES Microcalorimeters for PTOLEMY. Journal of Low Temperature Physics, 2020, 199, 138-142.	0.6	3
18	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:mprescripts /><mml:none /><mml:mrow><mml:mn>130</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> with CUORE. Physical Review Letters, 2020, 124, 122501.	2.9	133

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19	Characterization of the low temperature behavior of thin Titanium/Titanium Nitride multilayer films. Superconductor Science and Technology, 2020, 33, 045009.	1.8	4
20	First results from the CUORE experiment. Journal of Physics: Conference Series, 2020, 1342, 012002.	0.3	1
21	Initial performance of the CUORE detector. Journal of Physics: Conference Series, 2020, 1342, 012114.	0.3	0
22	Status of the HOLMES Experiment. Journal of Low Temperature Physics, 2020, 199, 1098-1106.	0.6	1
23	The CUORE Detector and Results. Journal of Low Temperature Physics, 2020, 199, 519-528.	0.6	14
24	The CUORE Pulse Tube Noise Cancellation Technique. Journal of Low Temperature Physics, 2020, 200, 286-294.	0.6	2
25	Perspectives of lowering CUORE thresholds with Optimum Trigger. Journal of Physics: Conference Series, 2020, 1643, 012020.	0.3	1
26	Status and results from the CUORE experiment. International Journal of Modern Physics A, 2020, 35, 2044016.	0.5	0
27	Results from the CUORE experiment. Journal of Physics: Conference Series, 2019, 1137, 012052.	0.3	0
28	163Ho distillation and implantation for the HOLMES experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 220-221.	0.7	6
29	Neutrino physics with the PTOLEMY project: active neutrino properties and the light sterile case. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 047-047.	1.9	85
30	High energy resolution thermal microcalorimeters for the HOLMES experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 180-181.	0.7	0
31	The CUORE cryostat: An infrastructure for rare event searches at millikelvin temperatures. Cryogenics, 2019, 102, 9-21.	0.9	38
32	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.	1.4	10
33	High-resolution high-speed microwave-multiplexed low temperature microcalorimeters for the HOLMES experiment. European Physical Journal C, 2019, 79, 1.	1.4	13
34	A design for an electromagnetic filter for precision energy measurements at the tritium endpoint. Progress in Particle and Nuclear Physics, 2019, 106, 120-131.	5.6	24
35	Transformer Coupling and Its Modelling for the Flux-Ramp Modulation of rf-SQUIDs. Instruments, 2019, 3, 3.	0.8	1
36	Probing the absolute neutrino mass scale with 163Ho: The HOLMES project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 252-253.	0.7	1

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37	Working principle and demonstrator of microwave-multiplexing for the HOLMES experiment microcalorimeters. Journal of Instrumentation, 2019, 14, P10035-P10035.	0.5	12
38	Thermal kinetic inductance detectors for soft X-ray spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 197-198.	0.7	2
39	^{163} 163 Ho Distillation and Implantation for HOLMES Experiment. Journal of Low Temperature Physics, 2019, 194, 453-459.	0.6	5
40	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.	0.7	0
41	Results from the Cuore Experiment â€. Universe, 2019, 5, 10.	0.9	5
42	Study of rare nuclear processes with CUORE. International Journal of Modern Physics A, 2018, 33, 1843002.	0.5	11
43	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:mn>130</mml:mn></mml:mmultiscripts></mml:mrow>	2.9	246
44	Characterization of the microwave multiplexing readout and TESs for HOLMES. Journal of Physics: Conference Series, 2018, 1056, 012022.	0.3	0
45	The CUORE and CUORE-0 experiments at LNGS. Journal of Physics: Conference Series, 2018, 1056, 012009.	0.3	0
46	Direct neutrino mass measurement by the HOLMES experiment. Journal of Physics: Conference Series, 2018, 1056, 012039.	0.3	1
47	Electronâ€“Phonon Coupling in Ti/TiN MKIDs Multilayer Microresonator. Journal of Low Temperature Physics, 2018, 193, 189-195.	0.6	0
48	Development of Thermal Kinetic Inductance Detectors Suitable for X-ray Spectroscopy. Journal of Low Temperature Physics, 2018, 193, 163-169.	0.6	5
49	The CUORE Cryostat. Journal of Low Temperature Physics, 2018, 193, 867-875.	0.6	11
50	Microfabrication of Transition-Edge Sensor Arrays of Microcalorimeters with 163Ho for Direct Neutrino Mass Measurements with HOLMES. Journal of Low Temperature Physics, 2018, 193, 771-776.	0.6	6
51	Production and separation of 163Ho for nuclear physics experiments. PLoS ONE, 2018, 13, e0200910.	1.1	11
52	Search for neutrinoless Î²+EC decay of Te120 with CUORE-0. Physical Review C, 2018, 97, .	1.1	15
53	An active noise cancellation technique for the CUORE Pulse Tube cryocoolers. Cryogenics, 2018, 93, 56-65.	0.9	36
54	Updates on the Transition-Edge Sensors and Multiplexed Readout for HOLMES. Journal of Low Temperature Physics, 2018, 193, 1167-1173.	0.6	7

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55	Status of the HOLMES Experiment to Directly Measure the Neutrino Mass. Journal of Low Temperature Physics, 2018, 193, 1137-1145.	0.6	11
56	The CUORE Bolometric Detector for Neutrinoless Double Beta Decay Searches. Springer Proceedings in Physics, 2018, , 202-207.	0.1	0
57	The detector calibration system for the CUORE cryogenic bolometer array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 844, 32-44.	0.7	14
58	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.	1.4	73
59	Measuring the electron neutrino mass with improved sensitivity: the HOLMES experiment. Journal of Instrumentation, 2017, 12, C02046-C02046.	0.5	14
60	The CUORE cryostat and its bolometric detector. Journal of Instrumentation, 2017, 12, C02055-C02055.	0.5	2
61	Lowering the CUORE energy threshold. Journal of Physics: Conference Series, 2017, 888, 012047.	0.3	0
62	Results from CUORE and CUORE-0. AIP Conference Proceedings, 2017, , .	0.3	0
63	The projected background for the CUORE experiment. European Physical Journal C, 2017, 77, 1.	1.4	90
64	CUORE sensitivity to $$0u eta eta $$ decay. European Physical Journal C, 2017, 77, 1.	1.4	31
65	Low energy analysis techniques for CUORE. European Physical Journal C, 2017, 77, 1.	1.4	17
66	Development of transition edge sensors with rf-SQUID based multiplexing system for the HOLMES experiment. Journal of Physics: Conference Series, 2017, 888, 012069.	0.3	1
67	The CUORE cryostat: a 10 mK infrastructure for large bolometric arrays. Journal of Physics: Conference Series, 2017, 888, 012235.	0.3	2
68	The CUORE and CUORE-0 experiments at LNGS. EPJ Web of Conferences, 2017, 164, 07047.	0.1	0
69	Status and prospects for CUORE. Journal of Physics: Conference Series, 2017, 888, 012034.	0.3	3
70	Cherenkov light identification in TeO₂ crystals with Si low-temperature detectors. Journal of Physics: Conference Series, 2017, 888, 012087.	0.3	1
71	The Use of Low Temperature Detectors for Direct Measurements of the Mass of the Electron Neutrino. Advances in High Energy Physics, 2016, 2016, 1-41.	0.5	24
72	Results from the CUORE-0 experiment. Journal of Physics: Conference Series, 2016, 718, 062007.	0.3	1

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73	Development of microwave-multiplexed superconductive detectors for the HOLMES experiment. Journal of Physics: Conference Series, 2016, 718, 062020.	0.3	2
74	The CUORE Cryostat: A 1-Ton Scale Setup for Bolometric Detectors. Journal of Low Temperature Physics, 2016, 184, 590-596.	0.6	13
75	Development of the rf-SQUID Based Multiplexing System for the HOLMES Experiment. Journal of Low Temperature Physics, 2016, 184, 45-51.	0.6	3
76	Status of the HOLMES detector development. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 182-183.	0.7	1
77	Inside HOLMES experiment: 163Ho metallic target production for the micro-calorimeter absorber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 223-225.	0.7	3
78	Superconducting Detectors for Neutrino Mass Measurement. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.1	1
79	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.	0.2	4
80	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.	1.1	64
81	Microwave multiplex readout for superconducting sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 179-181.	0.7	2
82	CUORE-0 detector: design, construction and operation. Journal of Instrumentation, 2016, 11, P07009-P07009.	0.5	64
83	Cerenkov light identification with Si low-temperature detectors with sensitivity enhanced by the Neganov-Luke effect. Physical Review C, 2016, 94, .	1.1	13
84	The CUORE cryostat: commissioning and performance. Journal of Physics: Conference Series, 2016, 718, 062054.	0.3	4
85	Pile-Up Discrimination Algorithms for the HOLMES Experiment. Journal of Low Temperature Physics, 2016, 184, 405-411.	0.6	17
86	Algorithms for Identification of Nearly-Coincident Events in Calorimetric Sensors. Journal of Low Temperature Physics, 2016, 184, 263-273.	0.6	24
87	Development of Microwave Superconducting Microresonators for Neutrino Mass Measurement in the Holmes Framework. Journal of Low Temperature Physics, 2016, 184, 123-130.	0.6	4
88	The HOLMES Experiment. Journal of Low Temperature Physics, 2016, 184, 922-929.	0.6	32
89	Dark Matter Search with CUORE-0 and CUORE. Physics Procedia, 2015, 61, 13-20.	1.2	2
90	The Status of the MARE Experiment with 187Re and 163Ho Isotopes. Physics Procedia, 2015, 61, 227-231.	1.2	13

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91	CUORE and Beyond: Bolometric Techniques to Explore Inverted Neutrino Mass Hierarchy. Physics Procedia, 2015, 61, 241-250.	1.2	2
92	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>Te</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>130</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>with CUORE-0. Physical Review Letters, 2015, 115, 102502.	2.9	189
93	First data from CUORE-0. Physics Procedia, 2015, 61, 289-294.	1.2	1
94	Results of CUORE-0 and prospects for the CUORE experiment. Nuclear and Particle Physics Proceedings, 2015, 265-266, 73-76.	0.2	2
95	CUORE-0 results and prospects for the CUORE experiment. AIP Conference Proceedings, 2015, , .	0.3	0
96	First neutrinoless double beta decay results from CUORE-0. AIP Conference Proceedings, 2015, , .	0.3	1
97	Neutrinoless double-beta decay search with CUORE and CUORE-0 experiments. EPJ Web of Conferences, 2015, 90, 03004.	0.1	1
98	The CUORE and CUORE-0 experiments at Gran Sasso. EPJ Web of Conferences, 2015, 95, 04024.	0.1	1
99	Searching for Neutrinoless Double-Beta Decay of¹³⁰Te with CUORE. Advances in High Energy Physics, 2015, 2015, 1-13.	0.5	109
100	Large area Si low-temperature light detectors with Neganovâ€“Luke effect. European Physical Journal C, 2015, 75, 1.	1.4	16
101	Preparation of Papers for Special Issues of IEEE Development of Microresonator Detectors for <inline-formula> <tex-math notation="TeX">$^{163}hbox{Ho}$</tex-math></inline-formula> Endpoint Measurement in Milano. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	0
102	HOLMES. European Physical Journal C, 2015, 75, 112.	1.4	127
103	Algorithms for Identification of Nearly-Coincident Events in Calorimetric Sensors. Journal of Low Temperature Physics, 2015, 184, .	0.6	0
104	Exploring the neutrinoless double beta decay in the inverted neutrino hierarchy with bolometric detectors. European Physical Journal C, 2014, 74, 1.	1.4	85
105	Statistical sensitivity of ^{163} 163 Ho electron capture neutrino mass experiments. European Physical Journal C, 2014, 74, 1.	1.4	22
106	Development of Superconducting Microresonators for a Neutrino Mass Experiment. Journal of Low Temperature Physics, 2014, 176, 530-537.	0.6	4
107	Critical Temperature Tuning of Ti/TiN Multilayer Films Suitable for Low Temperature Detectors. Journal of Low Temperature Physics, 2014, 176, 155-160.	0.6	10
108	Preliminary Results of the MARE Experiment. Journal of Low Temperature Physics, 2014, 176, 885-890.	0.6	8

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109	Commissioning of the 4 K Outer Cryostat for the CUORE Experiment. Journal of Low Temperature Physics, 2014, 176, 952-958.	0.6	4
110	Low Temperature Detectors for Neutrino Physics. Journal of Low Temperature Physics, 2014, 176, 848-859.	0.6	1
111	Initial performance of the CUORE-0 experiment. European Physical Journal C, 2014, 74, 1.	1.4	52
112	First CUORE-0 Performance Results and Status of CUORE Experiment. Journal of Low Temperature Physics, 2014, 176, 986-994.	0.6	1
113	Superconducting Microresonator Detectors for Neutrino Physics in Milano. Journal of Physics: Conference Series, 2014, 507, 042010.	0.3	0
114	Status of the MARE Experiment. IEEE Transactions on Applied Superconductivity, 2013, 23, 2101204-2101204.	1.1	3
115	The 4K outer cryostat for the CUORE experiment: Construction and quality control. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 727, 65-72.	0.7	11
116	Microresonator detectors for neutrino physics in Milano. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 492-494.	0.7	2
117	The low energy spectrum of TeO₂bolometers: results and dark matter perspectives for the CUORE-0 and CUORE experiments. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 038-038.	1.9	15
118	Validation of techniques to mitigate copper surface contamination in CUORE. Astroparticle Physics, 2013, 45, 13-22.	1.9	66
119	Search for 14.4 keV solar axions from M1 transition of⁵⁷Fe with CUORE crystals. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 007-007.	1.9	19
120	First Measurement of the Partial Widths of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Bi</mml:mi><mml:mprescripts /><mml:none /><mml:mn>209</mml:mn></mml:mmultiscripts></mml:math>Decay to the Ground and to the First Excited States. Physical Review Letters, 2012, 108, 232501.	2.9	34
121	Search for double-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>β</mml:mi></mml:math>decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>130</mml:mn></mml:msup></mml:math>Te to the first<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mn>0</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:math>excited	1.1	16
122	Neutrino mass calorimetric searches in the MARE experiment. Nuclear Physics, Section B, Proceedings Supplements, 2012, 229-232, 155-159.	0.5	22
123	Investigation of peak shapes in the MIBETA experiment calibrations. European Physical Journal A, 2012, 48, 1.	1.0	4
124	MARE-1 in Milan: Status and Perspectives. Journal of Low Temperature Physics, 2012, 167, 1035-1040.	0.6	9
125	Status of the Cryogen-Free Cryogenic System for the CUORE Experiment. Journal of Low Temperature Physics, 2012, 167, 528-534.	0.6	8
126			

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127	Developments of Microresonators Detectors for Neutrino Physics in Milan. Journal of Low Temperature Physics, 2012, 167, 1041-1047.	0.6	15
128	CUORE crystal validation runs: Results on radioactive contamination and extrapolation to CUORE background. Astroparticle Physics, 2012, 35, 839-849.	1.9	62
129	A new technique for the identification of surface contamination in low temperature bolometric experiments. Nuclear Physics, Section B, Proceedings Supplements, 2011, 221, 390.	0.5	0
130	The MARE project: a new 187Re neutrino mass experiment with sub eV sensitivity. Nuclear Physics, Section B, Proceedings Supplements, 2011, 221, 394.	0.5	1
131	Search for Î²+/EC double beta decay of 120Te. Astroparticle Physics, 2011, 34, 643-648.	1.9	17
132	130Te neutrinoless double-beta decay with CUORICINO. Astroparticle Physics, 2011, 34, 822-831.	1.9	204
133	Expectations for a new calorimetric neutrino mass experiment. Astroparticle Physics, 2010, 34, 80-89.	1.9	22
134	Production of high purity TeO2 single crystals for the study of neutrinoless double beta decay. Journal of Crystal Growth, 2010, 312, 2999-3008.	0.7	80
135	The first phase of the MARE project in Milano. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 509-510.	0.7	4
136	Muon-induced backgrounds in the CUORICINO experiment. Astroparticle Physics, 2010, 34, 18-24.	1.9	24
137	Neutrino Physics with Thermal Detectors. , 2009, , .		0
138	Background study and Monte Carlo simulations for large-mass bolometers. European Physical Journal A, 2009, 41, 155-168.	1.0	53
139	The cryostat of the CUORE Project, a 1-ton scale cryogenic experiment for Neutrinoless Double Beta Decay Research. Journal of Physics: Conference Series, 2009, 150, 012042.	0.3	3
140	Sensitivity and systematics of calorimetric neutrino mass experiments. , 2009, , .		2
141	Progress on the CUORE Cryogenic System. , 2009, , .		4
142	The low-temperature energy calibration system for the CUORE bolometer array. , 2009, , .		1
143	Status of the MARE experiment in Milan. , 2009, , .		1
144	Development and Characterization ofÂMicrocalorimeters forÂaÂNext Generation 187Re Beta-Decay Experiment. Journal of Low Temperature Physics, 2008, 151, 619-622.	0.6	3

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145	The MARE Project. Journal of Low Temperature Physics, 2008, 151, 597-602.	0.6	18
146	Cryogenic Design of the Setup for MARE-1 in Milan. Journal of Low Temperature Physics, 2008, 151, 623-628.	0.6	3
147	Design of the Cryogen-Free Cryogenic System forÂtheÂCUORE Experiment. Journal of Low Temperature Physics, 2008, 151, 662-668.	0.6	13
148	CUORE EXPERIMENT: THE SEARCH FOR NEUTRINOLESS DOUBLE BETA DECAY. International Journal of Modern Physics A, 2008, 23, 3395-3398.	0.5	10
149	Results from a search for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>0</mml:mn><mml:mi>â€,</mml:mi><mml:mi>Î½</mml:mi><mml:mi>Î²</mml:mi><mml:mi>Î²</mml:mi></mml:mrow></mml:math> of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Te</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>130</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2008, 78.	1.1	191
150	An active-shield method for the reduction of surface contamination in CUORE. AIP Conference Proceedings, 2007, , .	0.3	2
151	Passive Shielding in CUORE. AIP Conference Proceedings, 2007, , .	0.3	0
152	The Beta Environmental Fine Structure (BEFS): The XAFS Nuclear Analogue. AIP Conference Proceedings, 2007, , .	0.3	1
153	MARE, Microcalorimeter Arrays for a Rhenium Experiment: A detector overview. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 208-210.	0.7	27
154	CUORE: An Experiment to Investigate for Neutrinoless Double Beta Decay by Cooling 750 kg of TeO2 Crystals at 10mK. AIP Conference Proceedings, 2006, , .	0.3	1
155	New CUORICINO results on the way to CUORE. Physica Scripta, 2006, T127, 49-51.	1.2	2
156	Further developments in the CUORICINO experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 352-354.	0.7	5
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