Stefano Pirro

List of Publications by Year in descending order

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236 papers	6,325 citations	38660 50 h-index	79541 73 g-index
236 all docs	236 docs citations	236 times ranked	2058 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	Operating in a deep underground facility improves the locking of gradiometric fluxonium qubits at the sweet spots. Applied Physics Letters, 2022, 120, .	1.5	9
3	Simulation-based design study for the passive shielding of the COSINUS dark matter experiment. European Physical Journal C, 2022, 82, 248.	1.4	4
4	Search for Majorana neutrinos exploiting millikelvin cryogenics with CUORE. Nature, 2022, 604, 53-58.	13.7	74
5	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	0.7	4
6	Growth of samarium doped zinc tungstate crystals by the Czochralski method. Journal of Crystal Growth, 2022, 586, 126632.	0.7	2
7	Machine Learning Techniques for Pile-Up Rejection in Cryogenic Calorimeters. Journal of Low Temperature Physics, 2022, 209, 1024-1031.	0.6	2
8	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:r 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
9	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
10	Characterization of cubic Li$$_{2}$$^{100}MoO$$_4$$ crystals for the CUPID experiment. European Physical Journal C, 2021, 81, 1.	1.4	21
11	Search for double $$eta $$-decay modes of ^{64}Zn using purified zinc. European Physical Journal C, 2021, 81, 1.	1.4	5
12	Discovery probabilities of Majorana neutrinos based on cosmological data. Physical Review D, 2021, 103, .	1.6	4
13	Pulse shape discrimination in CUPID-Mo using principal component analysis. Journal of Instrumentation, 2021, 16, P03032.	0.5	11
14	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
15	Reducing the impact of radioactivity on quantum circuits in a deep-underground facility. Nature Communications, 2021, 12, 2733.	5.8	65
16	New Limit 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>Mo</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>100</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> from the CUPID-Mo Experiment. Physical Review Letters, 2021, 126, 181802.	2.9	61
17	Novel technique for the study of pileup events in cryogenic bolometers. Physical Review C, 2021, 104, .	1.1	16
18	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

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19	Background identification in cryogenic calorimeters through $$alpha -alpha $$ delayed coincidences. European Physical Journal C, 2021, 81, 722.	1.4	7
20	Measurement of 216Po half-life with the CUPID-0 experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136642.	1.5	5
21	RES-NOVA sensitivity to core-collapse and failed core-collapse supernova neutrinos. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 064.	1.9	16
22	Optimization of a single module of CUPID. Journal of Physics: Conference Series, 2021, 2156, 012228.	0.3	0
23	Searching for New Physics in two-neutrino double beta decay with CUPID. Journal of Physics: Conference Series, 2021, 2156, 012233.	0.3	1
24	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.	0.7	1
25	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
26	DEMETRA: Suppression of the Relaxation Induced by Radioactivity in Superconducting Qubits. Journal of Low Temperature Physics, 2020, 199, 475-481.	0.6	4
27	Luminescence and charge trapping features of archPbMoO4 lead molybdate crystals grown from archaeological lead. Journal of Luminescence, 2020, 224, 117305.	1.5	8
28	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
29	Search for neutrinoless double beta decay of ^{64}Zn and ^{70}Zn with CUPID-0. European Physical Journal C, 2020, 80, 1.	1.4	12
30	Final results of the CUPID-0 Phase I experiment. Journal of Physics: Conference Series, 2020, 1468, 012205.	0.3	1
31	Improved Limit on Neutrinoless Double-Beta Decay in <mmlmath 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:none /><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
32	COSINUS: Cryogenic Calorimeters for the Direct Dark Matter Search with NaI Crystals. Journal of Low Temperature Physics, 2020, 200, 428-436.	0.6	4
33	First results from the CUORE experiment. Journal of Physics: Conference Series, 2020, 1342, 012002.	0.3	1
34	Results of the first NaI scintillating calorimeter prototypes by COSINUS. Journal of Physics: Conference Series, 2020, 1342, 012099.	0.3	4
35	Initial performance of the CUORE detector. Journal of Physics: Conference Series, 2020, 1342, 012114.	0.3	0
36	The CUPID-Mo experiment for neutrinoless double-beta decay: performance and prospects. European Physical Journal C, 2020, 80, 1.	1.4	67

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37	The CUORE Detector and Results. Journal of Low Temperature Physics, 2020, 199, 519-528.	0.6	14
38	Na-based crystal scintillators for next-generation rare event searches. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 977, 164160.	0.7	8
39	Production and characterisation of a $$hbox {PbMoO}_4$$ cryogenic detector from archaeological Pb. European Physical Journal A, 2020, 56, 1.	1.0	8
40	Precise measurement of $$2u eta eta $$ decay of ^{100}Mo with the CUPID-Mo detection technology. European Physical Journal C, 2020, 80, 1.	1.4	44
41	Perspectives of lowering CUORE thresholds with Optimum Trigger. Journal of Physics: Conference Series, 2020, 1643, 012020.	0.3	1
42	Results on ⁸²Se 2Î½Î²Î² with CUPID-0 Phase I. Journal of Physics: Conference Series, 2020, 1643, 012025.	0.3	1
43	Status and results from the CUORE experiment. International Journal of Modern Physics A, 2020, 35, 2044016.	0.5	0
44	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.	0.7	3
45	Radiopurity of an archaeological Roman lead cryogenic detector. European Physical Journal A, 2019, 55, 1.	1.0	16
46	Resolution enhancement with light/heat decorrelation in CUPID-0 bolometric detector. Journal of Instrumentation, 2019, 14, P08017-P08017.	0.5	7
47	Background model of the CUPID-0 experiment. European Physical Journal C, 2019, 79, 1.	1.4	45
48	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> Neutrinoless Double-	2.9	68
49	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">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
50	First search for Lorentz violation in double beta decay with scintillating calorimeters. Physical Review D, 2019, 100, .	1.6	24
51	Cryogenic light detectors with enhanced performance for rare event physics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 935, 150-155.	0.7	15
52	Result on the Neutrinoless Double Beta Decay Search of 82Se with the CUPID-0 Experiment. Universe, 2019, 5, 2.	0.9	0
53	Precise measurement of 2Î½2Î² decay of 100Mo with Li2MoO4 low temperature detectors: Preliminary results. AIP Conference Proceedings, 2019, , .	0.3	0
54	Results on double beta decay of 82Se with CUPID-0 Phase I. AIP Conference Proceedings, 2019, , .	0.3	1

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55	Evidence of Single State Dominance in the Two-Neutrino 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>Se</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>82</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>	2.9	44
56	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
57	Results from the Cuore Experiment â€. Universe, 2019, 5, 10.	0.9	5
58	An innovative bolometric Cherenkov-light detector for a double beta decay search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 82-84.	0.7	4
59	Study of rare nuclear processes with CUORE. International Journal of Modern Physics A, 2018, 33, 1843002.	0.5	11
60	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>	2.9	246
61	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.	1.4	26
62	Analysis of cryogenic calorimeters with light and heat read-out for double beta decay searches. European Physical Journal C, 2018, 78, 734.	1.4	36
63	The CUORE and CUORE-0 experiments at LNGS. Journal of Physics: Conference Series, 2018, 1056, 012009.	0.3	0
64	A NaI-based cryogenic scintillating calorimeter: status and results of the COSINUS project. Journal of Physics: Conference Series, 2018, 1056, 012017.	0.3	1
65	0Î½Î²Î² decay: the CUPID-0 experiment. Journal of Physics: Conference Series, 2018, 1056, 012044.	0.3	1
66	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.	1.4	56
67	An innovative technique for the investigation of the 4-fold forbidden beta-decay of 50V. European Physical Journal A, 2018, 54, 1.	1.0	12
68	A NaI-Based Cryogenic Scintillating Calorimeter: Results from a COSINUS Prototype Detector. Journal of Low Temperature Physics, 2018, 193, 1174-1181.	0.6	5
69	Search for neutrinoless Î²+EC decay of Te120 with CUORE-0. Physical Review C, 2018, 97, .	1.1	15
70	First Result on the 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 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>	2.9	89
71	CUPID-0: A Cryogenic Calorimeter with Particle Identification for Double Beta Decay Search. Springer Proceedings in Physics, 2018, , 183-186.	0.1	0
72	The CUORE Bolometric Detector for Neutrinoless Double Beta Decay Searches. Springer Proceedings in Physics, 2018, , 202-207.	0.1	0

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73	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.	0.7	5
74	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
75	Enriched TeO2 bolometers with active particle discrimination: Towards the CUPID experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 321-329.	1.5	40
76	The CUORE cryostat and its bolometric detector. Journal of Instrumentation, 2017, 12, C02055-C02055.	0.5	2
77	Advances in Bolometer Technology for Fundamental Physics. Annual Review of Nuclear and Particle Science, 2017, 67, 161-181.	3.5	62
78	Lowering the CUORE energy threshold. Journal of Physics: Conference Series, 2017, 888, 012047.	0.3	0
79	Production of 82Se enriched Zinc Selenide (ZnSe) crystals for the study of neutrinoless double beta decay. Journal of Crystal Growth, 2017, 475, 158-170.	0.7	41
80	The COSINUS project: Development of new NaI-based cryogenic detectors for direct dark matter search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 359-362.	0.7	3
81	Results from CUORE and CUORE-0. AIP Conference Proceedings, 2017, , .	0.3	0
82	The projected background for the CUORE experiment. European Physical Journal C, 2017, 77, 1.	1.4	90
83	CUORE sensitivity to $$0u eta eta $$ decay. European Physical Journal C, 2017, 77, 1.	1.4	31
84	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.	1.4	100
85	Low energy analysis techniques for CUORE. European Physical Journal C, 2017, 77, 1.	1.4	17
86	The COSINUS project - a NaI-based cryogenic calorimeter for direct dark matter detection. Journal of Physics: Conference Series, 2017, 888, 012207.	0.3	1
87	Results from the first cryogenic NaI detector for the COSINUS project. Journal of Instrumentation, 2017, 12, P11007-P11007.	0.5	27
88	Quenching factor for alpha particles in ZnSe scintillating bolometers. IOP Conference Series: Materials Science and Engineering, 2017, 169, 012011.	0.3	5
89	The CUORE and CUORE-0 experiments at LNGS. EPJ Web of Conferences, 2017, 164, 07047.	0.1	0
90	Status and prospects for CUORE. Journal of Physics: Conference Series, 2017, 888, 012034.	0.3	3

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91	The LUCIFER/CUPID-0 demonstrator: searching for the neutrinoless double-beta decay with Zn⁸²Se scintillating bolometers. Journal of Physics: Conference Series, 2017, 888, 012077.	0.3	3
92	^{arch}PbMoO4 scintillating bolometer as detector to searches for the neutrinoless double beta decay of¹⁰⁰Mo. Journal of Physics: Conference Series, 2017, 841, 012025.	0.3	8
93	The Cryogenic Underground Observatory for Rare Events: Status and Prospects. , 2017, , .		0
94	Results from the CUORE-0 experiment. Journal of Physics: Conference Series, 2016, 718, 062007.	0.3	1
95	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
96	First array of enriched Zn ^{82} 82 Se bolometers to search for double beta decay. European Physical Journal C, 2016, 76, 364.	1.4	62
97	A CsI low-temperature detector for dark matter search. Astroparticle Physics, 2016, 84, 70-77.	1.9	17
98	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
99	CUORE-0 detector: design, construction and operation. Journal of Instrumentation, 2016, 11, P07009-P07009.	0.5	64
100	The COSINUS project: perspectives of a NaI scintillating calorimeter for dark matter search. European Physical Journal C, 2016, 76, 1.	1.4	58
101	The LUCIFER Project: Achievements and Near Future Prospects. Journal of Low Temperature Physics, 2016, 184, 852-858.	0.6	4
102	Background Suppression in Massive TeO $$_2$$ 2 Bolometers with Neganovâ€“Luke Amplified Light Detectors. Journal of Low Temperature Physics, 2016, 184, 286-291.	0.6	23
103	Cryogenic Detectors for Rare Alpha Decay Search: A New Approach. Journal of Low Temperature Physics, 2016, 184, 952-957.	0.6	15
104	Dark Matter Search with CUORE-0 and CUORE. Physics Procedia, 2015, 61, 13-20.	1.2	2
105	CUORE and Beyond: Bolometric Techniques to Explore Inverted Neutrino Mass Hierarchy. Physics Procedia, 2015, 61, 241-250.	1.2	2
106	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
107	First data from CUORE-0. Physics Procedia, 2015, 61, 289-294.	1.2	1
108	Results of CUORE-0 and prospects for the CUORE experiment. Nuclear and Particle Physics Proceedings, 2015, 265-266, 73-76.	0.2	2

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109	Double-beta decay investigation with highly pure enriched ^{82} 82 Se for the LUCIFER experiment. European Physical Journal C, 2015, 75, 591.	1.4	41
110	CUORE-0 results and prospects for the CUORE experiment. AIP Conference Proceedings, 2015, , .	0.3	0
111	First neutrinoless double beta decay results from CUORE-0. AIP Conference Proceedings, 2015, , .	0.3	1
112	Neutrinoless double-beta decay search with CUORE and CUORE-0 experiments. EPJ Web of Conferences, 2015, 90, 03004.	0.1	1
113	The CUORE and CUORE-0 experiments at Gran Sasso. EPJ Web of Conferences, 2015, 95, 04024.	0.1	1
114	Searching for Neutrinoless Double-Beta Decay of¹³⁰Te with CUORE. Advances in High Energy Physics, 2015, 2015, 1-13.	0.5	109
115	Particle discrimination in TeO 2 bolometers using light detectors read out by transition edge sensors. Astroparticle Physics, 2015, 69, 30-36.	1.9	32
116	TeO $$_2$$ 2 bolometers with Cherenkov signal tagging: towards next-generation neutrinoless double-beta decay experiments. European Physical Journal C, 2015, 75, 12.	1.4	65
117	Exploring the neutrinoless double beta decay in the inverted neutrino hierarchy with bolometric detectors. European Physical Journal C, 2014, 74, 1.	1.4	85
118	Initial performance of the CUORE-0 experiment. European Physical Journal C, 2014, 74, 1.	1.4	52
119	Search for axioelectric effect of solar axions using BGO scintillating bolometer. European Physical Journal C, 2014, 74, 1.	1.4	8
120	First CUORE-0 Performance Results and Status of CUORE Experiment. Journal of Low Temperature Physics, 2014, 176, 986-994.	0.6	1
121	First bolometric measurement of the two neutrino double beta decay of¹⁰⁰Mo with a ZnMoO₄crystals array. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 075204.	1.4	30
122	Discovery of the¹⁵¹Eu Î± decay. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 075101.	1.4	43
123	Development of a Li₂MoO₄scintillating bolometer for low background physics. Journal of Instrumentation, 2013, 8, P10002-P10002.	0.5	69
124	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
125	Performances of a large mass ZnSe bolometer to search for rare events. Journal of Instrumentation, 2013, 8, P05021-P05021.	0.5	79
126	Validation of techniques to mitigate copper surface contamination in CUORE. Astroparticle Physics, 2013, 45, 13-22.	1.9	66

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127	New experimental limits on the Î± decays of lead isotopes. European Physical Journal A, 2013, 49, 1.	1.0	41
128	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
129	Current Status and Future Perspectives of the LUCIFER Experiment. Advances in High Energy Physics, 2013, 2013, 1-15.	0.5	52
130	Characterization of bolometric light detectors for rare event searches. Journal of Instrumentation, 2013, 8, P07021-P07021.	0.5	64
131	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	2.9	34
132	Publisherâ€™s Note: 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 [Phys. Rev. Lett.108, 062501 (2012)]. Physical Review Letters, 2012, 108, .	2.9	1
133	Performance of a large TeO₂crystal as a cryogenic bolometer in searching for neutrinoless double beta decay. Journal of Instrumentation, 2012, 7, P01020-P01020.	0.5	10
134	Performances of a large mass ZnMoO4 scintillating bolometer for a next generation 0Î½2DBD experiment. European Physical Journal C, 2012, 72, 1.	1.4	65
135	Search for 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: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
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