

Laura Marini

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,806
citations

331670

21
h-index

265206

42
g-index

75
all docs

75
docs citations

75
times ranked

1369
citing authors

#	ARTICLE	IF	CITATIONS
19	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \hat{I}^{1/2} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Decay Half-Life of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Te} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle$	7.8	29
20	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
21	The DarkSide Multiton Detector for the Direct Dark Matter Search. Advances in High Energy Physics, 2015, 2015, 1-8.	1.1	21
22	Characterization of cubic Li_2MoO_4 crystals for the CUPID experiment. European Physical Journal C, 2021, 81, 1.	3.9	21
23	Low energy analysis techniques for CUORE. European Physical Journal C, 2017, 77, 1.	3.9	17
24	A CUPID $\text{Li}_{200}\text{MoO}_4$ scintillating bolometer tested in the CROSS underground facility. Journal of Instrumentation, 2021, 16, P02037-P02037.	1.2	16
25	Novel technique for the study of pileup events in cryogenic bolometers. Physical Review C, 2021, 104, .	2.9	16
26	CUORE opens the door to tonne-scale cryogenics experiments. Progress in Particle and Nuclear Physics, 2022, 122, 103902.	14.4	16
27	Search for neutrinoless \hat{I}^2 +EC decay of Te_{120} with CUORE-0. Physical Review C, 2018, 97, .	2.9	15
28	The CUORE Detector and Results. Journal of Low Temperature Physics, 2020, 199, 519-528.	1.4	14
29	Study of rare nuclear processes with CUORE. International Journal of Modern Physics A, 2018, 33, 1843002.	1.5	11
30	The CUORE Cryostat. Journal of Low Temperature Physics, 2018, 193, 867-875.	1.4	11
31	First data from the CUPID-Mo neutrinoless double beta decay experiment. Journal of Physics: Conference Series, 2020, 1468, 012129.	0.4	11
32	Pulse shape discrimination in CUPID-Mo using principal component analysis. Journal of Instrumentation, 2021, 16, P03032.	1.2	11
33	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
34	CALIS – A CALibration Insertion System for the DarkSide-50 dark matter search experiment. Journal of Instrumentation, 2017, 12, T12004-T12004.	1.2	10
35	Double-beta decay of ^{130}Te to the first 0^+_{exc} excited state of ^{130}Xe with CUORE-0. European Physical Journal C, 2019, 79, 1.	3.9	10
36	Direct Search for Dark Matter with DarkSide. Journal of Physics: Conference Series, 2015, 650, 012006.	0.4	9

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37	The electronics and data acquisition system for the DarkSide-50 veto detectors. Journal of Instrumentation, 2016, 11, P12007-P12007.	1.2	7
38	The DarkSide Experiment: Present Status and Future. Journal of Physics: Conference Series, 2017, 798, 012109.	0.4	7
39	Search for double-beta decay of ^{130}Te to the 0^+ states of ^{130}Xe with CUORE. European Physical Journal C, 2021, 81, 1.	3.9	6
40	Effect of low electric fields on alpha scintillation light yield in liquid argon. Journal of Instrumentation, 2017, 12, P01021-P01021.	1.2	5
41	Results from the Cuore Experiment \hat{e} . Universe, 2019, 5, 10.	2.5	5
42	An automated system to define the optimal operating settings of cryogenic calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1008, 165451.	1.6	5
43	The DarkSide awakens. Journal of Physics: Conference Series, 2016, 718, 042016.	0.4	4
44	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
45	The DarkSide project. Journal of Instrumentation, 2016, 11, C02051-C02051.	1.2	3
46	Status and prospects for CUORE. Journal of Physics: Conference Series, 2017, 888, 012034.	0.4	3
47	The CUORE cryostat and its bolometric detector. Journal of Instrumentation, 2017, 12, C02055-C02055.	1.2	2
48	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
49	The CUORE Pulse Tube Noise Cancellation Technique. Journal of Low Temperature Physics, 2020, 200, 286-294.	1.4	2
50	Machine Learning Techniques for Pile-Up Rejection in Cryogenic Calorimeters. Journal of Low Temperature Physics, 2022, 209, 1024-1031.	1.4	2
51	Results from the CUORE-0 experiment. Journal of Physics: Conference Series, 2016, 718, 062007.	0.4	1
52	First results from the CUORE experiment. Journal of Physics: Conference Series, 2020, 1342, 012002.	0.4	1
53	Perspectives of lowering CUORE thresholds with Optimum Trigger. Journal of Physics: Conference Series, 2020, 1643, 012020.	0.4	1
54	Searching for New Physics in two-neutrino double beta decay with CUPID. Journal of Physics: Conference Series, 2021, 2156, 012233.	0.4	1

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55	Search for neutrinoless $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ EC decay of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ $\langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Te} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 120 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ with CUORE. Physical Review C, 2022, 105, .	2.9	1
56	Expected sensitivity to ^{128}Te neutrinoless double beta decay with the CUORE TeO ₂ cryogenic bolometers. Journal of Low Temperature Physics, 2022, 209, 788-795.	1.4	1
57	The DarkSide Program. EPJ Web of Conferences, 2016, 121, 06010.	0.3	0
58	The DarkSide-50 outer detectors. Journal of Physics: Conference Series, 2016, 718, 042062.	0.4	0
59	A first walk on the DarkSide. Nuclear and Particle Physics Proceedings, 2016, 273-275, 452-458.	0.5	0
60	Lowering the CUORE energy threshold. Journal of Physics: Conference Series, 2017, 888, 012047.	0.4	0
61	Results from CUORE and CUORE-0. AIP Conference Proceedings, 2017, , .	0.4	0
62	The DarkSide direct dark matter search with liquid argon. AIP Conference Proceedings, 2017, , .	0.4	0
63	The CUORE and CUORE-0 experiments at LNGS. EPJ Web of Conferences, 2017, 164, 07047.	0.3	0
64	The CUORE and CUORE-0 experiments at LNGS. Journal of Physics: Conference Series, 2018, 1056, 012009.	0.4	0
65	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
66	The CUORE Data Acquisition System. Journal of Low Temperature Physics, 2020, 199, 258-263.	1.4	0
67	Initial performance of the CUORE detector. Journal of Physics: Conference Series, 2020, 1342, 012114.	0.4	0
68	DarkSide-50: status of the detector and results. , 2017, , .		0
69	Dark Side. , 2017, , .		0
70	THE DARKSIDE-50 EXPERIMENT: A LIQUID ARGON TARGET FOR DARK MATTER PARTICLES. , 2017, , 355-360.		0
71	The Cryogenic Underground Observatory for Rare Events: Status and Prospects. , 2017, , .		0
72	Status and results from the CUORE experiment. International Journal of Modern Physics A, 2020, 35, 2044016.	1.5	0

#	ARTICLE	IF	CITATIONS
73	New results from the CUORE experiment. International Journal of Modern Physics A, 0, , .	1.5	0
74	Optimization of a single module of CUPID. Journal of Physics: Conference Series, 2021, 2156, 012228.	0.4	0