

Stefanos Marnieros

List of Publications by Year in descending order

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168
papers

3,462
citations

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169
all docs

169
docs citations

169
times ranked

1882
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved exclusion limits from the EDELWEISS WIMP search. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 545, 43-49.	4.1	184
2	Final results of the EDELWEISS-II WIMP search using a 4-kg array of cryogenic germanium detectors with interleaved electrodes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 329-335.	4.1	153
3	Searching for low-mass dark matter particles with a massive Ge bolometer operated above ground. Physical Review D, 2019, 99, .	4.7	153
4	Final results of the EDELWEISS-I dark matter search with cryogenic heat-and-ionization Ge detectors. Physical Review D, 2005, 71, .	4.7	152
5	First Germanium-Based Constraints on Sub-MeV Dark Matter with the EDELWEISS Experiment. Physical Review Letters, 2020, 125, 141301.	7.8	113
6	Development of ^{100}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
7	Search for low-mass WIMPs with EDELWEISS-II heat-and-ionization detectors. Physical Review D, 2012, 86, .	4.7	96
8	A next-generation neutrinoless double beta decay experiment based on ZnMoO_4 scintillating bolometers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 318-323.	4.1	95
9	First results of the EDELWEISS WIMP search using a 320-kg heat-and-ionization Ge detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 513, 15-22.	4.1	76
10	Axion searches with the EDELWEISS-II experiment. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 067-067.	5.4	76
11	A new high-background-rejection dark matter Ge cryogenic detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 305-309.	4.1	69
12	Performance of the EDELWEISS-III experiment for direct dark matter searches. Journal of Instrumentation, 2017, 12, P08010-P08010.	1.2	67
13	The CUPID-Mo experiment for neutrinoless double-beta decay: performance and prospects. European Physical Journal C, 2020, 80, 1.	3.9	67
14	Combined limits on WIMPs from the CDMS and EDELWEISS experiments. Physical Review D, 2011, 84, .	4.7	63
15	New Limit for Neutrinoless Double-Beta Decay of ^{100}Mo from the CUPID-Mo Experiment. Physical Review Letters, 2021, 126, 181802.	7.8	61
16	Improved EDELWEISS-III sensitivity for low-mass WIMPs using a profile likelihood approach. European Physical Journal C, 2016, 76, 1.	3.9	59
17	Background studies for the EDELWEISS dark matter experiment. Astroparticle Physics, 2013, 47, 1-9.	4.3	54
18	Searches for electron interactions induced by new physics in the EDELWEISS-III germanium bolometers. Physical Review D, 2018, 98, .	4.7	54

#	ARTICLE	IF	CITATIONS
19	Purification of molybdenum, growth and characterization of medium volume ZnMoO ₄ crystals for the LUMINEU program. Journal of Instrumentation, 2014, 9, P06004-P06004.	1.2	53
20	First results of the EDELWEISS-II WIMP search using Ge cryogenic detectors with interleaved electrodes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 294-298.	4.1	50
21	Enriched Zn ¹⁰⁰ Mo ₄ scintillating bolometers to search for 0.2η $0.1/2$ $2\hat{I}^2$ decay of ¹⁰⁰ Mo with the LUMINEU experiment. European Physical Journal C, 2014, 74, 1.	3.9	48
22	QUBIC: The QU bolometric interferometer for cosmology. Astroparticle Physics, 2011, 34, 705-716.	4.3	47
23	Constraints on low-mass WIMPs from the EDELWEISS-III dark matter search. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 019-019.	5.4	47
24	Optical, luminescence and thermal properties of radiopure ZnMoO ₄ crystals used in scintillating bolometers for double beta decay search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 729, 856-863.	1.6	46
25	Muon-induced background in the EDELWEISS dark matter search. Astroparticle Physics, 2013, 44, 28-39.	4.3	46
26	Precise measurement of 2η decay of ¹⁰⁰ Mo with the CUPID-Mo detection technology. European Physical Journal C, 2020, 80, 1.	3.9	44
27	EURECA Conceptual Design Report. Physics of the Dark Universe, 2014, 3, 41-74.	4.9	41
28	Dynamical Properties near the Metal-Insulator Transition: Evidence for Electron-Assisted Variable Range Hopping. Physical Review Letters, 2000, 84, 2469-2472.	7.8	40
29	Enriched TeO ₂ bolometers with active particle discrimination: Towards the CUPID experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 321-329.	4.1	40
30	Identification of backgrounds in the EDELWEISS-I dark matter search experiment. Astroparticle Physics, 2007, 28, 143-153.	4.3	37
31	EURECA – the European Future of Dark Matter Searches with Cryogenic Detectors. Nuclear Physics, Section B, Proceedings Supplements, 2007, 173, 168-171.	0.4	36
32	Development and underground test of radiopure ZnMoO ₄ scintillating bolometers for the LUMINEU $0.1/2$ $2\hat{I}^2$ project. Journal of Instrumentation, 2015, 10, P05007-P05007.	1.2	36
33	Bi-layer kinetic inductance detectors for space observations between 80–120 GHz. Astronomy and Astrophysics, 2015, 580, A15.	5.1	34
34	Calibration of the EDELWEISS cryogenic heat-and-ionization germanium detectors for dark matter search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 530, 426-439.	1.6	32
35	Optimizing EDELWEISS detectors for low-mass WIMP searches. Physical Review D, 2018, 97, .	4.7	31
36	First scintillating bolometer tests of a CLYMENE R&D on Li ₂ MoO ₄ scintillating bolometers for the LUMINEU $0.1/2$ $2\hat{I}^2$ project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 906, 1-10.	1.6	31

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37	An Improved ZnMoO ₄ Scintillating Bolometer for the Search for Neutrinoless Double Beta Decay of ¹⁰⁰ Mo. Journal of Low Temperature Physics, 2012, 167, 1021-1028.	1.4	30
38	Background discrimination capabilities of a heat and ionization germanium cryogenic detector. Astroparticle Physics, 2001, 14, 329-337.	4.3	28
39	Conceptual design of BabyLAXO, the intermediate stage towards the International Axion Observatory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	28
40	Measurement of the cosmogenic activation of germanium detectors in EDELWEISS-III. Astroparticle Physics, 2017, 91, 51-64.	4.3	27
41	Sensitivity of the EDELWEISS WIMP search to spin-dependent interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 616, 25-30.	4.1	26
42	EURECA – the European future of cryogenic dark matter searches. Journal of Physics: Conference Series, 2006, 39, 139-141.	0.4	25
43	Measurement of the response of heat-and-ionization germanium detectors to nuclear recoils. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 577, 558-568.	1.6	24
44	Improving HiPIMS deposition rates by hybrid RF/HiPIMS co-sputtering, and its relevance for NbSi films. Surface and Coatings Technology, 2014, 250, 32-36.	4.8	24
45	Exploratory growth in the Li ₂ MoO ₄ -MoO ₃ system for the next crystal generation of heat-scintillation cryogenic bolometers. Solid State Sciences, 2017, 65, 41-51.	3.2	24
46	The $0\nu\bar{\nu}2\beta^2$ -decay CROSS experiment: preliminary results and prospects. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
47	Background Suppression in Massive TeO ₂ Bolometers with Neganov-Luke Amplified Light Detectors. Journal of Low Temperature Physics, 2016, 184, 286-291.	1.4	23
48	Complete event-by-event separation in a full-size CUORE bolometer by Neganov-Luke-magnified light detection. Physical Review C, 2018, 97, .	2.9	22
49	Event categories in the EDELWEISS WIMP search experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 8-14.	4.1	21
50	Characterization of cubic Li ₂ MoO ₄ crystals for the CUPID experiment. European Physical Journal C, 2021, 81, 1.	3.9	21
51	QUBIC I: Overview and science program. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 034.	5.4	20
52	Purification of molybdenum oxide, growth and characterization of medium size zinc molybdate crystals for the LUMINEU program. EPJ Web of Conferences, 2014, 65, 03001.	0.3	18
53	Cryogenic Ge Detectors with Interleaved Electrodes: Design and Modeling. Journal of Low Temperature Physics, 2008, 151, 830-834.	1.4	17
54	Rejection of randomly coinciding events in Li ₂ MoO ₄ 100 MoO ₄ scintillating bolometers using light detectors based on the Neganov-Luke effect. European Physical Journal C, 2017, 77, 1.	3.9	17

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55	Charge-to-heat transducers exploiting the Neganov-Trofimov-Luke effect for light detection in rare-event searches. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 940, 320-327.	1.6	17
56	First test of a $\text{Li}^{116}\text{WO}_4$ scintillating bolometer for neutrinoless double-beta-decay searches. European Physical Journal C, 2016, 76, 1.	1.6	16
57	A $\text{Li}^{116}\text{WO}_4$ (Mo) bolometric detector scintillating bolometer tested in the CROSS underground facility. Journal of Instrumentation, 2021, 16, P02037-P02037.	1.2	16
58	Novel technique for the study of pileup events in cryogenic bolometers. Physical Review C, 2021, 104, .	2.9	16
59	QUBIC: the Q&U Bolometric Interferometer for Cosmology. Journal of Low Temperature Physics, 2012, 167, 872-878.	1.4	15
60	First test of an enriched $^{116}\text{CdWO}_4$ scintillating bolometer for neutrinoless double-beta-decay searches. European Physical Journal C, 2016, 76, 1.	3.9	15
61	QUBIC: Exploring the Primordial Universe with the Q&U Bolometric Interferometer. Universe, 2019, 5, 42.	2.5	15
62	Low temperature specific heat of NbSi Anderson insulator measured by cryogenic bolometry. Physica B: Condensed Matter, 1999, 259-261, 862-863.	2.7	14
63	Latest results from the EDELWEISS WIMP search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 101-104.	1.6	14
64	Tunable Superconducting Properties of a-NbSi Thin Films and Application to Detection in Astrophysics. Journal of Low Temperature Physics, 2011, 163, 60-66.	1.4	14
65	Calibration of nuclear recoils at the 100 eV scale using neutron capture. Journal of Instrumentation, 2021, 16, P07032.	1.2	14
66	Superconducting Aluminum Layers as Pulse Shape Modifiers: An Innovative Solution to Fight Against Surface Background in Neutrinoless Double Beta Decay Experiments. Journal of Low Temperature Physics, 2012, 167, 1029-1034.	1.4	13
67	A detection system to measure muon-induced neutrons for direct dark matter searches. Astroparticle Physics, 2010, 34, 97-105.	4.3	12
68	Intensity and polarization of the atmospheric emission at millimetric wavelengths at Dome Concordia. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1293-1299.	4.4	12
69	Growth and characterization of a $\text{Li}_2\text{Mg}_2(\text{MoO}_4)_3$ scintillating bolometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 889, 89-96.	1.6	12
70	Li_2MoO_4 Crystals Grown by Low-Thermal-Gradient Czochralski Technique. Journal of Materials Science and Engineering B, 2017, 7, .	0.3	12
71	Status of the EDELWEISS experiment. Physics Reports, 1998, 307, 297-300.	25.6	11
72	Surface Event Rejection of the EDELWEISS Cryogenic Germanium Detectors Based on NbSi Thin Film Sensors. Journal of Low Temperature Physics, 2008, 151, 835-840.	1.4	11

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73	Cryogenic Ge Detectors for Dark Matter Search: Surface Event Rejection with Ionization Signals. Journal of Low Temperature Physics, 2008, 151, 896-901.	1.4	11
74	Pulse shape discrimination in CUPID-Mo using principal component analysis. Journal of Instrumentation, 2021, 16, P03032.	1.2	11
75	Development of Ge/NbSi detectors for EDELWEISS-II with identification of near-surface events. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 393-395.	1.6	10
76	Fabrication of large NbSi bolometer arrays for CMB applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 554-556.	1.6	10
77	Properties of thermometric NbSi thin films and application to detection in astrophysics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 579-581.	1.6	10
78	QUBIC IV: Performance of TES bolometers and readout electronics. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 037.	5.4	10
79	QUBIC: A Fizeau Interferometer Targeting Primordial B-Modes. Journal of Low Temperature Physics, 2016, 184, 739-745.	1.4	9
80	Phonon-mediated crystal detectors with metallic film coating capable of rejecting $\langle i \rangle^{\pm}$ and $\langle i \rangle^2$ events induced by surface radioactivity. Applied Physics Letters, 2021, 118, .	3.3	9
81	QUBIC VIII: Optical design and performance. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 041.	5.4	9
82	QUBIC II: Spectral polarimetry with bolometric interferometry. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 035.	5.4	9
83	Progress in low temperature thin film thermometers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 370, 211-212.	1.6	8
84	High-impedance NbSi TES sensors for studying the cosmic microwave background radiation. Astronomy and Astrophysics, 2012, 548, A17.	5.1	8
85	Controlling the Leakage-Current of Low Temperature Germanium Detectors Using XeF ₂ Dry Etching. Journal of Low Temperature Physics, 2014, 176, 182-187.	1.4	8
86	QUBIC: The Q & U Bolometric Interferometer for Cosmology. Journal of Low Temperature Physics, 2020, 199, 482-490.	1.4	8
87	QUBIC V: Cryogenic system design and performance. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 038.	5.4	8
88	QUBIC VI: Cryogenic half wave plate rotator, design and performance. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 039.	5.4	8
89	Evidence for signal enhancement due to ballistic phonon conversion in NbSi thin films bolometers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 370, 200-202.	1.6	7
90	A multi-tiered data structure and process management system based on ROOT and CouchDB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 684, 63-72.	1.6	7

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91	Transport Anisotropy and Impurity Scattering in Ge at Millikelvin Temperatures: Experimental Study. Journal of Low Temperature Physics, 2012, 167, 1137-1142.	1.4	7
92	Signals induced by charge-trapping in EDELWEISS FID detectors: analytical modeling and applications. Journal of Instrumentation, 2016, 11, P10008-P10008.	1.2	7
93	Neutrinoless Double-Beta Decay Searches with Enriched $^{116}\text{CdWO}_4$ Scintillating Bolometers. Journal of Low Temperature Physics, 2020, 199, 467-474.	1.4	7
94	Experimental and numerical investigations of the Czochralski growth of Li_2MoO_4 crystals for heat-scintillation cryogenic bolometers. Journal of Crystal Growth, 2020, 531, 125385.	1.5	7
95	Status of the EDELWEISS experiment. Nuclear Physics, Section B, Proceedings Supplements, 1999, 70, 69-73.	0.4	6
96	Low temperature NbSi thin film thermometers on Silicon Nitride membranes for bolometer applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 444, 419-422.	1.6	6
97	Identification of near surface events using athermal phonon signals in low temperature Ge bolometers for the EDELWEISS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 185-188.	1.6	6
98	Modelling of the Surface-Event Identification Mechanism in Ge Detectors Equipped with NbSi ThinAFilms. Journal of Low Temperature Physics, 2008, 151, 884-890.	1.4	6
99	New TeO_2/NbSi Detectors for Rare Event Search. Journal of Low Temperature Physics, 2008, 151, 871-876.	1.4	6
100	Development of Superconducting NbSi TES Array and Associated Readout With SQUIDs and Integrated Circuit Operating at 2 K. IEEE Transactions on Applied Superconductivity, 2009, 19, 501-504.	1.7	6
101	Hot Carrier Trapping in High-Purity and Doped Germanium Crystals at Millikelvin Temperatures. Journal of Low Temperature Physics, 2014, 176, 796-801.	1.4	6
102	The CROSS Experiment: Rejecting Surface Events by PSD Induced by Superconducting Films. Journal of Low Temperature Physics, 2020, 199, 19-26.	1.4	6
103	TES Bolometer Arrays for the QUBIC B-Mode CMB Experiment. Journal of Low Temperature Physics, 2020, 199, 955-961.	1.4	6
104	QUBIC: the Q and U bolometric interferometer for cosmology. , 2018, , .		6
105	QUBIC VII: The feedhorn-switch system of the technological demonstrator. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 040.	5.4	6
106	All electron bolometer for radiation detection. Journal of Physics: Conference Series, 2009, 150, 012027.	0.4	5
107	Niobium Silicon Alloys for Kinetic Inductance Detectors. Journal of Low Temperature Physics, 2014, 176, 518.	1.4	5
108	Radiopure ZnMoO_4 scintillating bolometers for the LUMINEU double-beta experiment. AIP Conference Proceedings, 2015, , .	0.4	5

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109	First test of a CdMoO ₄ scintillating bolometer for neutrinoless double beta decay experiments with ¹¹⁶ Cd and ¹⁰⁰ Mo nuclides. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 943, 162395.	1.6	5
110	Thermal architecture for the QUBIC cryogenic receiver. , 2018, , .		5
111	Status of the EDELWEISS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 444, 319-322.	1.6	4
112	Full Inter-Digitized Detectors For The EDELWEISS-II Dark Matter Search. , 2009, , .		4
113	CESAR: Cryogenic Electronics for Space Applications. Journal of Low Temperature Physics, 2014, 176, 446.	1.4	4
114	Status of LUMINEU program to search for neutrinoless double beta decay of ¹⁰⁰ Mo with cryogenic ZnMoO ₄ scintillating bolometers. AIP Conference Proceedings, 2015, , .	0.4	4
115	LUMINEU: a search for neutrinoless double beta decay based on ZnMoO ₄ scintillating bolometers. Journal of Physics: Conference Series, 2016, 718, 062008.	0.4	4
116	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.	1.6	4
117	QUBIC: Using NbSi TESs with a Bolometric Interferometer to Characterize the Polarization of the CMB. Journal of Low Temperature Physics, 2020, 200, 363-373.	1.4	4
118	Performance of NbSi transition-edge sensors readout with a 128 MUX factor for the QUBIC experiment. , 2018, , .		4
119	Identification of near surface events in massive bolometers. , 2002, , .		3
120	Dark matter search in the EDELWEISS experiment. Nuclear Physics, Section B, Proceedings Supplements, 2003, 124, 177-180.	0.4	3
121	Digital acquisition systems for the EDELWEISS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 584-587.	1.6	3
122	EURECA “ The Future of Cryogenic Dark Matter Detection in Europe. EAS Publications Series, 2009, 36, 249-255.	0.3	3
123	Bolometer array developments in the DCMB collaboration. EAS Publications Series, 2009, 37, 83-88.	0.3	3
124	Large submillimeter and millimeter detector arrays for astronomy: development of NbSi superconducting bolometers. Proceedings of SPIE, 2010, , .	0.8	3
125	Characterization of NbSi TES Bolometers: Preliminary Results. Journal of Low Temperature Physics, 2012, 167, 176-181.	1.4	3
126	Electron-Phonon Decoupling NbSi CMB Bolometers. Journal of Low Temperature Physics, 2012, 167, 846-851.	1.4	3

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127	Simulations and performance of the QUBIC optical beam combiner. , 2018, , .		3
128	Status of the EDELWEISS experiment. Nuclear Physics, Section B, Proceedings Supplements, 2000, 87, 74-76.	0.4	2
129	Incomplete charge collection and the Luke effect in low-temperature germanium bolometer for dark matter search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 520, 182-184.	1.6	2
130	A millisecond-risetime sub-millimeter light source for lab and in flight bolometer calibration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 575, 412-420.	1.6	2
131	Superconducting Niobium/Silicon Bolometer Developments in the DCMB French Collaboration. EAS Publications Series, 2009, 37, 107-117.	0.3	2
132	Antenna-coupled arrays of NbSi micro-bolometers. Experimental Astronomy, 2011, 32, 179-191.	3.7	2
133	Latest Progress on the QUBIC Instrument. Journal of Low Temperature Physics, 2013, 176, 698.	1.4	2
134	Voltage-Assisted Calorimetric Detection of Gamma Interactions in a Prototype Cryogenic Ge Detector of the EDELWEISS Collaboration for Dark Matter Search. Journal of Low Temperature Physics, 2016, 184, 330-335.	1.4	2
135	The QUBIC instrument for CMB polarization measurements. Journal of Physics: Conference Series, 2020, 1548, 012016.	0.4	2
136	Machine Learning Techniques for Pile-Up Rejection in Cryogenic Calorimeters. Journal of Low Temperature Physics, 2022, 209, 1024-1031.	1.4	2
137	EDELWEISS dark matter search update. New Astronomy Reviews, 2005, 49, 251-254.	12.8	1
138	Optimization of Cryogenic Ge Detector Equipped with NbSi Thin Film Thermometers: Fiducial Volume and Energy Resolution. Journal of Low Temperature Physics, 2008, 151, 877-883.	1.4	1
139	NbSi TES Array and Readout: Development and Characterization. IEEE Transactions on Applied Superconductivity, 2011, 21, 192-195.	1.7	1
140	A 256-TES Array for the Detection of CMB B-Mode Polarisation. Journal of Low Temperature Physics, 2016, 184, 793-798.	1.4	1
141	Experimental study and modeling cryogenic detectors decoupling within dry cryostat. Journal of Low Temperature Physics, 2018, 193, 819-826.	1.4	1
142	High impedance TES with classical readout electronics: a new scheme toward large x-ray matrices. , 2018, , .		1
143	Searching for New Physics in two-neutrino double beta decay with CUPID. Journal of Physics: Conference Series, 2021, 2156, 012233.	0.4	1
144	Dark matter search in the EDELWEISS experiment. Nuclear Physics, Section B, Proceedings Supplements, 2002, 110, 70-72.	0.4	0

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145	Looking for SUSY with EDELWEISS-I and-II. Physics of Atomic Nuclei, 2004, 67, 2027-2031.	0.4	0
146	Status and outlook of the EDELWEISS experiment. Journal of Physics: Conference Series, 2006, 39, 70-74.	0.4	0
147	Bolometer arrays development in the DCMB French collaboration. Proceedings of SPIE, 2008, , .	0.8	0
148	Development of NbSi TES bolometer arrays for submillimeter astronomy. , 2009, , .		0
149	Design and simulation of an antenna-coupled TES bolometer. , 2011, , .		0
150	CNES detector developments from far-infrared to mm: status and roadmap. Proceedings of SPIE, 2014, , .	0.8	0
151	Complementary Measurement of Thermal Architecture of NbSi TES with Alpha Particle and Complex Impedance. Journal of Low Temperature Physics, 2014, 176, 350-355.	1.4	0
152	H^{-} -Like Centers and Space-Charge Effects in Cryogenic Germanium Detectors for Dark Matter Search. Journal of Low Temperature Physics, 2014, 176, 802-807.	1.4	0
153	Optical design and modelling of the QUBIC instrument, a next-generation quasi-optical bolometric interferometer for cosmology. Proceedings of SPIE, 2016, , .	0.8	0
154	Pulse-Shape Analysis of Ionization Signals in Cryogenic Ge Detectors for Dark Matter. Journal of Low Temperature Physics, 2016, 184, 845-851.	1.4	0
155	Precise measurement of $2\hat{1}/2\hat{2}\hat{1}^2$ decay of ^{100}Mo with Li_2MoO_4 low temperature detectors: Preliminary results. AIP Conference Proceedings, 2019, , .	0.4	0
156	High-Resistivity Transition-Edge Sensor Modeling and Expected Performances. Journal of Low Temperature Physics, 2020, 199, 88-94.	1.4	0
157	Status of the EDELWEISS Experiment. , 2001, , 378-386.		0
158	The EDELWEISS Experiment: Status and Outlook. , 2001, , 575-580.		0
159	Interpretation of the Anomalous NaI Events. , 2001, , 340-348.		0
160	Latest Results from the EDELWEISS WIMP Search. Springer Proceedings in Physics, 2004, , 575-585.	0.2	0
161	EURECA â€“ THE EUROPEAN UNDERGROUND RARE EVENT CALORIMETER ARRAY. , 2007, , .		0
162	THE BRAIN EXPERIMENT. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
163	DEVELOPMENT OF BOLOMETER MATRICES WITH NbSi TES SENSORS FOR THE STUDY OF THE COSMIC MICROWAVE RADIATION (CMB). , 2010, , .		0
164	Optical modelling and analysis of the Q and U bolometric interferometer for cosmology. , 2018, , .		0
165	Detection chain and electronic readout of the QUBIC instrument. , 2020, , .		0
166	Calibration of QUBIC: The Q and U bolometric interferometer for cosmology. , 2020, , .		0
167	Optimization of a single module of CUPID. Journal of Physics: Conference Series, 2021, 2156, 012228.	0.4	0
168	Composition Dependence of Transport Properties in YSi Thermometric Films. Journal of Low Temperature Physics, 0, , 1.	1.4	0