

Luciano Pandola

List of Publications by Year in descending order

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184
papers

13,155
citations

94269

37
h-index

22102

113
g-index

185
all docs

185
docs citations

185
times ranked

13519
citing authors

#	ARTICLE	IF	CITATIONS
1	Geant4 developments and applications. IEEE Transactions on Nuclear Science, 2006, 53, 270-278.	1.2	4,869
2	Recent developments in Geant4. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 835, 186-225.	0.7	2,327
3	Improved Limit on Neutrinoless Double- β Decay of ^{76}Ge from Phase I of the GERDA Experiment. Physical Review Letters, 2013, 111, 122503.	2.9	470
4	Complete results for five years of GNO solar neutrino observations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 616, 174-190.	1.5	312
5	Low-Mass Dark Matter Search with the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 081307.	2.9	259
6	DarkSide-20k: A 20 tonne two-phase LAr TPC for direct dark matter detection at LNGS. European Physical Journal Plus, 2018, 133, 1.	1.2	247
7	Improved Limit on Neutrinoless Double- β Decay of ^{76}Ge from Phase I of the GERDA Experiment. Physical Review Letters, 2013, 111, 122503.	2.9	245
8	Final Results of GERDA on the Search for Neutrinoless Double- β Decay. Physical Review Letters, 2020, 125, 252502.	2.9	208
9	Background-free search for neutrinoless double- β decay of ^{76}Ge with GERDA. Nature, 2017, 544, 47-52.	13.7	205
10	The Gerda experiment for the search of $0\nu\beta\beta$ decay in ^{76}Ge . European Physical Journal C, 2013, 73, 1.	1.4	181
11	Constraints on Sub-GeV Dark-Matter "Electron Scattering from the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 111303.	2.9	179
12	Comparison of Geant4 electromagnetic physics models against the NIST reference data. IEEE Transactions on Nuclear Science, 2005, 52, 910-918.	1.2	160
13	First results from a dark matter search with liquid argon at 87K in the Gran Sasso underground laboratory. Astroparticle Physics, 2008, 28, 495-507.	1.9	153
14	DarkSide-50 532-day dark matter search with low-radioactivity argon. Physical Review D, 2018, 98, .	1.6	147
15	The NUMEN project: NUclear Matrix Elements for Neutrinoless double beta decay. European Physical Journal A, 2018, 54, 1.	1.0	146
16	The large enriched germanium experiment for neutrinoless double beta decay (LEGEND). AIP Conference Proceedings, 2017, .	0.3	126
17	MaGe-a Geant4-Based Monte Carlo Application Framework for Low-Background Germanium Experiments. IEEE Transactions on Nuclear Science, 2011, 58, 1212-1220.	1.2	120
18	Probing Majorana neutrinos with double- β decay. Science, 2019, 365, 1445-1448.	6.0	99

#	ARTICLE	IF	CITATIONS
19	Geant4 low energy electromagnetic physics. , 0, , .		93
20	Report on G4â€Med, a Geant4 benchmarking system for medical physics applications developed by the Geant4 Medical Simulation Benchmarking Group. Medical Physics, 2021, 48, 19-56.	1.6	92
21	Measurement of the specific activity of ^{39}Ar in natural argon. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 574, 83-88.	0.7	91
22	Recent Improvements in Geant4 Electromagnetic Physics Models and Interfaces. Progress in Nuclear Science and Technology, 2011, 2, 898-903.	0.3	87
23	Validation of the Geant4 electromagnetic photon cross-sections for elements and compounds. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 618, 315-322.	0.7	86
24	The GERmanium Detector Array (Gerda) for the search of neutrinoless $\hat{1}^2\hat{1}^2$ decays of ^{76}Ge at LNGS. Nuclear Physics, Section B, Proceedings Supplements, 2005, 145, 242-245.	0.5	84
25	Pulse shape discrimination for Gerda Phase I data. European Physical Journal C, 2013, 73, 1.	1.4	73
26	The background in the ^{203}Tl $\hat{1}^2\hat{1}^2$ experiment Gerda. European Physical Journal C, 2014, 74, 1.	1.4	66
27	Results on ^{76}Ge $\hat{1}^2\hat{1}^2$ decay with emission of two neutrinos or Majorons in ^{76}Ge from GERDA Phase I. European Physical Journal C, 2015, 75, 1.	1.4	62
28	Production, characterization and operation of ^{76}Ge enriched BEGe detectors in GERDA. European Physical Journal C, 2015, 75, 1.	1.4	55
29	Effects of Nitrogen contamination in liquid Argon. Journal of Instrumentation, 2010, 5, P06003-P06003.	0.5	53
30	Carbon fragmentation measurements and validation of the Geant4 nuclear reaction models for hadrontherapy. Physics in Medicine and Biology, 2012, 57, 7651-7671.	1.6	53
31	Measurement of the half-life of the two-neutrino double beta decay of ^{76}Ge with the GERDA experiment. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 035110.	1.4	49
32	Geant4 and its validation. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 44-49.	0.5	46
33	Upgrade for Phase II of the Gerda experiment. European Physical Journal C, 2018, 78, 1.	1.4	46
34	Discovery of underground argon with low level of radioactive ^{39}Ar and possible applications to WIMP dark matter detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 587, 46-51.	0.7	44
35	Oxygen contamination in liquid Argon: combined effects on ionization electron charge and scintillation light. Journal of Instrumentation, 2010, 5, P05003-P05003.	0.5	44
36	Observation of $\hat{1}^2$ decay of ^{115}In to the first excited level of ^{115}Sn . Nuclear Physics A, 2005, 748, 333-347.	0.6	43

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37	Analysis of two-nucleon transfer reactions in the $^{20}\text{Ne} + ^{116}\text{Cd}$ system at 306 MeV. <i>Physical Review C</i> , 2016, 93, .	1.1	42
38	Neutron decay of ^{15}C resonances by measurements of neutron time-of-flight. <i>Physical Review C</i> , 2016, 93, .	1.1	38
39	First Measurement of the $^{116}\text{Cd}(^{20}\text{Ne}, ^{20}\text{O})^{116}\text{Sn}$ Reaction at 15,5 MeV. <i>Acta Physica Polonica B</i> , 2018, 49, 275.	0.3	37
40	Neutron- and muon-induced background in underground physics experiments. <i>European Physical Journal A</i> , 2008, 36, 171-180.	1.1	36
41	Validation of Geant4 fragmentation for Heavy Ion Therapy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 869, 68-75.	0.7	34
42	Validation of the Geant4 simulation of bremsstrahlung from thick targets below 3 MeV. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 350, 41-48.	0.6	33
43	Results from radiochemical experiments with main emphasis on the gallium ones. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 143, 3-12.	0.5	32
44	Background reduction in neutrinoless double beta decay experiments using segmented detectors—A Monte Carlo study for the GERDA setup. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 570, 479-486.	0.7	32
45	A Constrained Analysis of the $^{40}\text{Ca}(^{18}\text{O}, ^{18}\text{F})^{40}\text{K}$ Direct Charge Exchange Reaction Mechanism at 275 MeV. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	32
46	Signal modeling of high-purity Ge detectors with a small read-out electrode and application to neutrinoless double beta decay search in Ge-76. <i>Journal of Instrumentation</i> , 2011, 6, P03005-P03005.	0.5	30
47	Improvement of the energy resolution via an optimized digital signal processing in GERDA Phase A. <i>European Physical Journal C</i> , 2015, 75, 1.	1.4	30
48	Monte Carlo evaluation of the muon-induced background in the GERDA double beta decay experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 570, 149-158.	0.7	29
49	Initial State Interaction for the $^{20}\text{Ne} + ^{130}\text{Te}$ and $^{18}\text{O} + ^{116}\text{Sn}$ Systems at 15.3 A MeV from Elastic and Inelastic Scattering Measurements. <i>Universe</i> , 2021, 7, 58.	0.9	29
50	GELATIO: a general framework for modular digital analysis of high-purity Ge detector signals. <i>Journal of Instrumentation</i> , 2011, 6, P08013-P08013.	0.5	28
51	Silicon carbide detectors study for NUMEN project. <i>EPJ Web of Conferences</i> , 2016, 117, 10006.	0.1	27
52	One-proton transfer reaction for the $^{18}\text{O} + ^{48}\text{Ti}$ system at 275 MeV. <i>Physical Review C</i> , 2021, 104, .	1.1	27
53	The NUMEN Heavy Ion Multidetector for a Complementary Approach to the Neutrinoless Double Beta Decay. <i>Universe</i> , 2020, 6, 129.	0.9	26

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55	Off-line data processing and analysis for the GERDA experiment. Journal of Physics: Conference Series, 2012, 368, 012047.	0.3	25
56	MaGe: a Monte Carlo framework for the Gerda and Majorana double beta decay experiments. Journal of Physics: Conference Series, 2006, 39, 362-362.	0.3	24
57	Effects of Nitrogen and Oxygen contamination in liquid Argon. Nuclear Physics, Section B, Proceedings Supplements, 2009, 197, 70-73.	0.5	24
58	Analysis of the background on cross section measurements with the MAGNEX spectrometer: The (20Ne, 20O) Double Charge Exchange case. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 980, 164500.	0.7	24
59	Characterization of a broad energy germanium detector and application to neutrinoless double beta decay search in ^{76}Ge . Journal of Instrumentation, 2011, 6, P04005-P04005.	0.5	23
60	Search of Neutrinoless Double Beta Decay with the GERDA Experiment. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1876-1882.	0.2	23
61	The NUMEN Project: Toward New Experiments with High-Intensity Beams. Universe, 2021, 7, 72.	0.9	23
62	Charge-state distributions of 20Ne ions emerging from thin foils. Results in Physics, 2019, 13, 102191.	2.0	22
63	Multichannel experimental and theoretical constraints for the ^{113}Cd $\text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} <\text{mml:mrow}> <\text{mml:mmultiscripts}> <\text{mml:mi}>\text{Cd}</\text{mml:mi}> <\text{mml:mprescripts}/> <\text{mml:none}$		

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73	The NUMEN Project: An Update of the Facility Toward the Future Experimental Campaigns. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	18
74	Search for time modulations in the Gallex/GNO solar neutrino data. <i>Astroparticle Physics</i> , 2004, 22, 219-226.	1.9	17
75	$2\nu\beta\beta$ decay of ^{76}Ge into excited states with GERDA phase I. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2015, 42, 115201.	1.4	17
76	Cryogenic Characterization of FBK RGB-HD SiPMs. <i>Journal of Instrumentation</i> , 2017, 12, P09030-P09030.	0.5	16
77	Monte Carlo implementation of new algorithms for the evaluation of averaged-dose and -track linear energy transfers in 62 MeV clinical proton beams. <i>Physics in Medicine and Biology</i> , 2020, 65, 235043.	1.6	16
78	elastic and ^{76}Ge collisions at 275 MeV. <i>Physical Review C</i> , 2022, 105, .	1.1	16
79	elastic and ^{76}Ge collisions at 275 MeV. <i>Physical Review C</i> , 2022, 105, .	1.1	16
80	Geant4 electromagnetic physics for high statistic simulation of LHC experiments. <i>Journal of Physics: Conference Series</i> , 2012, 396, 022013.	0.3	15
81	Demonstration and comparison of photomultiplier tubes at liquid Argon temperature. <i>Journal of Instrumentation</i> , 2012, 7, P01016-P01016.	0.5	15
82	Limit on the radiative neutrinoless double electron capture of ^{36}Ar from GERDA Phase I. <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	15
83	HEROICA: an underground facility for the fast screening of germanium detectors. <i>Journal of Instrumentation</i> , 2013, 8, P06012-P06012.	0.5	14
84	Progress in Geant4 Electromagnetic Physics Modelling and Validation. <i>Journal of Physics: Conference Series</i> , 2015, 664, 072021.	0.3	13
85	Electroluminescence pulse shape and electron diffusion in liquid argon measured in a dual-phase TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 904, 23-34.	0.7	13
86	The BNO-LNGS joint measurement of the solar neutrino capture rate in ^{71}Ga . <i>Astroparticle Physics</i> , 2006, 25, 349-354.	1.9	12
87	Nuclear reaction measurements on tissue-equivalent materials and GEANT4 Monte Carlo simulations for hadrontherapy. <i>Physics in Medicine and Biology</i> , 2014, 59, 7643-7652.	1.6	12
88	Sensitivity of future liquid argon dark matter search experiments to core-collapse supernova neutrinos. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 043.	1.9	12
89	Measurement of the double charge exchange reaction for the $^{20}\text{Ne} + ^{130}\text{Te}$ system at 306 MeV. <i>Results in Physics</i> , 2021, 28, 104691.	2.0	12
90	Effects of Nitrogen and Oxygen contaminations in liquid Argon. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 607, 169-172.	0.7	11

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91	Recent progress of GEANT4 electromagnetic physics for LHC and other applications. Journal of Physics: Conference Series, 2017, 898, 042032.	0.3	11
92	Virtual depth by active background suppression: revisiting the cosmic muon induced background of Gerda Phase III. European Physical Journal C, 2018, 78, 1.	1.4	11
93	Neural network pulse shape analysis for proportional counters events. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 522, 521-528.	0.7	10
94	-ray spectrometry of soil samples from the Provincia dell'Aquila (Central Italy). Applied Radiation and Isotopes, 2007, 65, 858-865.	0.7	10
95	Overview of the European Underground Facilities. , 2011, , .		10
96	Radiobiological quantities in proton-therapy: Estimation and validation using Geant4-based Monte Carlo simulations. Physica Medica, 2019, 58, 72-80.	0.4	10
97	First comparison of GEANT4 hadrontherapy physics model with experimental data for a NUMEN project reaction case. European Physical Journal A, 2020, 56, 1.	1.0	10
98	Beta decay of ^{115}In to the first excited level of ^{115}Sn : Potential outcome for neutrino mass. Physics of Atomic Nuclei, 2007, 70, 127-132.	0.1	9
99	Discovery of underground argon with a low level of radioactive ^{39}Ar and possible applications to WIMP dark matter detectors. Journal of Physics: Conference Series, 2008, 120, 042015.	0.3	9
100	The WArP Experiment. Journal of Physics: Conference Series, 2011, 308, 012005.	0.3	9
101	Measuring the ^{14}C isotope concentration in a liquid organic scintillator at a small-volume setup. Instruments and Experimental Techniques, 2012, 55, 34-37.	0.1	9
102	Limits on uranium and thorium bulk content in Gerda Phase I detectors. Astroparticle Physics, 2017, 91, 15-21.	1.9	9
103	Allowing for crystalline structure effects in Geant4. Nuclear Instruments & Methods in Physics Research B, 2017, 402, 304-307.	0.6	9
104	Calibration of the Gerda experiment. European Physical Journal C, 2021, 81, 682.	1.4	9
105	Numerical simulation of novel concept 4D cardiac microtomography for small rodents based on all-optical Thomson scattering X-ray sources. Scientific Reports, 2019, 9, 8439.	1.6	8
106	Directional dark matter detection sensitivity of a two-phase liquid argon detector. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 014-014.	1.9	8
107	Geant4 electromagnetic physics: improving simulation performance and accuracy. , 2014, , .		8
108	Preliminary results coupling Stochastic Mean Field and Boltzmann-Langevin One Body models with Geant4. Physica Medica, 2019, 67, 116-122.	0.4	7

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109	Neutron radiation effects on an electronic system on module. Review of Scientific Instruments, 2020, 91, 083301.	0.6	7
110	Characterization of inverted coaxial ^{76}Ge detectors in GERDA for future double- β decay experiments. European Physical Journal C, 2021, 81, 505.	1.4	7
111	Pulse shape analysis in Gerda Phase II. European Physical Journal C, 2022, 82, 284.	1.4	7
112	Status of double beta decay experiments using isotopes other than ^{136}Xe . Physics of the Dark Universe, 2014, 4, 17-22.	1.8	6
113	Limit on Neutrinoless Double Beta Decay of ^{76}Ge by GERDA. Physics Procedia, 2015, 61, 828-837.	1.2	6
114	GERDA results and the future perspectives for the neutrinoless double beta decay search using ^{76}Ge . International Journal of Modern Physics A, 2018, 33, 1843004.	0.5	6
115	Performance of the ReD TPC, a novel double-phase LAr detector with silicon photomultiplier readout. European Physical Journal C, 2021, 81, 1.	1.4	6
116	Status of the Germanium Detector Array (GERDA) in the search of neutrinoless $\hat{1}^2\hat{1}^2$ decays of ^{76}Ge at LNGS. Physics of Atomic Nuclei, 2006, 69, 2101-2108.	0.1	5
117	Validation of Geant4 Bremsstrahlung models: first results. , 2006, , .		5
118	The GERmanium Detector Array read-out: Status and developments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 479-480.	0.7	5
119	Geant4 Electromagnetic Physics for LHC Upgrade. Journal of Physics: Conference Series, 2014, 513, 022015.	0.3	5
120	Challenges for high rate signal processing for the NUMEN experiment. Journal of Physics: Conference Series, 2018, 1056, 012034.	0.3	5
121	Preliminary results in using Deep Learning to emulate BLOB, a nuclear interaction model. Physica Medica, 2020, 73, 65-72.	0.4	5
122	Results of the LENS pilot experiment at Gran Sasso. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 559.	0.5	4
123	New Geant4 developments for doppler broadening simulation in Compton scattering - development of charge transfer simulation models in Geant4. , 2008, , .		4
124	Characterization of broad energy germanium detector (BEGe) as a candidate for the GERDA experiment. , 2009, , .		4
125	The MGDO software library for data analysis in Ge neutrinoless double-beta decay experiments. Journal of Physics: Conference Series, 2012, 375, 042027.	0.3	4
126	Neutron to Gamma Pulse Shape Discrimination in Liquid Argon Detectors with High Quantum Efficiency Photomultiplier Tubes. Physics Procedia, 2012, 37, 1113-1121.	1.2	4

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127	Validation of Geant4 Nuclear Reaction Models for Hadron Therapy and Preliminary Results with BLOB. IFMBE Proceedings, 2019, , 675-685.	0.2	4
128	Searching for neutrinoless double beta decay with GERDA. Journal of Physics: Conference Series, 2020, 1342, 012005.	0.3	4
129	Geant4 electromagnetic physics progress. EPJ Web of Conferences, 2020, 245, 02009.	0.1	4
130	Simulation-based design study for the passive shielding of the COSINUS dark matter experiment. European Physical Journal C, 2022, 82, 248.	1.4	4
131	Procurement, production and testing of BEGe detectors depleted in ^{76}Ge . Nuclear Physics, Section B, Proceedings Supplements, 2012, 229-232, 489.	0.5	3
132	A study of events with photoelectric emission in the DarkSide-50 liquid argon Time Projection Chamber. Astroparticle Physics, 2022, 140, 102704.	1.9	3
133	GERDA, a GERmanium Detector Array for the search for neutrinoless $\hat{2}\hat{2}$ decay in ^{76}Ge . AIP Conference Proceedings, 2006, , .	0.3	2
134	Spectroscopic performances of the GERDA cryogenic Charge Sensitive Amplifier based on JFET-CMOS ASIC, coupled to germanium detectors. , 2009, , .		2
135	First physics results from WARP 2.3 litre prototype. Nuclear Physics, Section B, Proceedings Supplements, 2011, 221, 53-56.	0.5	2
136	Off-line data quality monitoring for the GERDA experiment. Journal of Physics: Conference Series, 2012, 375, 042028.	0.3	2
137	The nuclear matrix elements of $0\hat{1}/2\hat{2}\hat{2}$ decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2016, 117, 10003.	0.1	2
138	Active background suppression with the liquid argon scintillation veto of GERDA Phase II. Journal of Physics: Conference Series, 2017, 888, 012238.	0.3	2
139	Measurement of the ion fraction and mobility of ^{218}Po produced in ^{222}Rn decays in liquid argon. Journal of Instrumentation, 2019, 14, P11018-P11018.	0.5	2
140	^{4}He dose- and track-averaged linear energy transfer: Monte Carlo algorithms and experimental verification. Physics in Medicine and Biology, 2022, 67, 165003.	1.6	2
141	The GNO experiment. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 560.	0.5	1
142	Response of low-noise miniaturized proportional counters in the keV region. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 541, 566-573.	0.7	1
143	Search for the neutrinoless $\hat{2}\hat{2}$ decay in ^{76}Ge with the GERDA experiment. Nuclear Physics, Section B, Proceedings Supplements, 2011, 221, 382.	0.5	1
144	NUMEN Project @ LNS : Heavy ions double charge exchange reactions towards the $0\hat{1}/2\hat{2}\hat{2}$ nuclear matrix element determination. AIP Conference Proceedings, 2015, , .	0.3	1

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145	The nuclear matrix elements of $0\nu\hat{1}^2\hat{1}^2$ decay and the NUMEN project at INFN-LNS. Journal of Physics: Conference Series, 2016, 730, 012006.	0.3	1
146	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2017, , .	0.3	1
147	First results from GERDA Phase II. Journal of Physics: Conference Series, 2017, 888, 012030.	0.3	1
148	Study of the GERDA Phase II background spectrum. Journal of Physics: Conference Series, 2017, 888, 012106.	0.3	1
149	The nuclear matrix elements of $0\hat{1}^{1/2}\hat{1}^2\hat{1}^2$ decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2018, 194, 02001.	0.1	1
150	Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay. Journal of Physics: Conference Series, 2018, 966, 012021.	0.3	1
151	Experimental challenges in the measurement of double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1078, 012008.	0.3	1
152	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.3	1
153	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS. Journal of Physics: Conference Series, 2020, 1643, 012074.	0.3	1
154	Gallium neutrino observatory: data analysis improvements and systematic error reduction. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 445.	0.5	0
155	Muon-induced signals and isotope production in the GERDA experiment. AIP Conference Proceedings, 2007, , .	0.3	0
156	Test and Comparison of Photomultiplier Tubes at Liquid Argon Temperature. Physics Procedia, 2012, 37, 1087-1094.	1.2	0
157	Nuclear fragmentation measurements for hadrontherapy and space radiation protection. , 2013, , .		0
158	Preface: IV Workshop in Low Radioactivity Techniques 2013 (LRT 2013). , 2013, , .		0
159	Fragmentation cross sections at intermediate energies for hadrontherapy and space radiation protection. EPJ Web of Conferences, 2014, 66, 10004.	0.1	0
160	Measurement of Fragment Production Cross Sections in the $^{12}\text{C}+^{12}\text{C}$ and $^{12}\text{C}+^{197}\text{Au}$ Reactions at 62 MeV for Hadrontherapy and Space Radiation Protection. Acta Physica Polonica B, 2014, 45, 565.	0.3	0
161	NUMEN Project @ LNS : Heavy Ions Double Charge Exchange as a tool towards the $0\hat{1}^{1/2}\langle i \rangle \hat{1}^2\langle /i \rangle$ Nuclear Matrix Element. Journal of Physics: Conference Series, 2016, 724, 012001.	0.3	0
162	Neutron decay of the Giant Pairing Vibration in ^{15}C . Journal of Physics: Conference Series, 2016, 724, 012006.	0.3	0

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163	Experimental and analysis methods in radiochemical experiments. European Physical Journal A, 2016, 52, 1.	1.0	0
164	Abstract ID: 61 Validation of Geant4 nuclear reaction models for hadrontherapy and preliminary results with SMF and Blob. Physica Medica, 2017, 42, 12.	0.4	0
165	Search for neutrinoless double beta decay with GERDA phase II. AIP Conference Proceedings, 2017, , .	0.3	0
166	First results of GERDA Phase II and consistency with background models. Journal of Physics: Conference Series, 2017, 798, 012106.	0.3	0
167	Recoil Directionality Studies in Two-Phase Liquid Argon TPC Detectors. EPJ Web of Conferences, 2017, 164, 07036.	0.1	0
168	Experimental challenges for the measurement of the $^{116}\text{Cd}(^{20}\text{Ne},^{20}\text{O})^{116}\text{Sn}$ double charge exchange reaction at 15 AMeV. Journal of Physics: Conference Series, 2018, 1023, 012006.	0.3	0
169	Data reduction for experimental measurements within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012010.	0.3	0
170	Focal plane detector optical readout. Journal of Physics: Conference Series, 2018, 1056, 012023.	0.3	0
171	Experimental issues for the measurement of the double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012011.	0.3	0
172	Heavy-ion particle identification for the transfer reaction channels for the system $^{18}\text{O} + ^{116}\text{Sn}$ under the NUMEN Project. Journal of Physics: Conference Series, 2018, 1056, 012015.	0.3	0
173	Searching Neutrinoless Double Beta Decay with Gerda Phase II. International Journal of Modern Physics Conference Series, 2018, 46, 1860040.	0.7	0
174	Recent results on Heavy-Ion induced reactions of interest for $0^+ \rightarrow 2^+$ decay. Journal of Physics: Conference Series, 2019, 1308, 012002.	0.3	0
175	Recoil Directionality Experiment. EPJ Web of Conferences, 2019, 209, 01031.	0.1	0
176	New experimental campaign of NUMEN project. AIP Conference Proceedings, 2019, , .	0.3	0
177	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.3	0
178	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS. EPJ Web of Conferences, 2019, 223, 01009.	0.1	0
179	Recent results on heavy-ion direct reactions of interest for $0^+ \rightarrow 2^+$ decay at INFN - LNS. Journal of Physics: Conference Series, 2020, 1610, 012004.	0.3	0
180	Estimation of neutron and $\hat{\gamma}$ -rays \vec{n}, \vec{u}_x at the MAGNEX facility via FLUKA simulations. EPJ Web of Conferences, 2021, 252, 06003.	0.1	0

#	ARTICLE	IF	CITATIONS
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