

Gianfranca De Rosa

List of Publications by Year in descending order

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169
papers

10,453
citations

71102

41
h-index

31849

101
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171
all docs

171
docs citations

171
times ranked

9542
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for solar electron anti-neutrinos due to spin-flavor precession in the Sun with Super-Kamiokande-IV. <i>Astroparticle Physics</i> , 2022, 139, 102702.	4.3	6
2	A study of events with photoelectric emission in the DarkSide-50 liquid argon Time Projection Chamber. <i>Astroparticle Physics</i> , 2022, 140, 102704.	4.3	3
3	T2K measurements of muon neutrino and antineutrino disappearance using χ^2 analysis of $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillations with protons on target. <i>Physical Review D</i> , 2021, 103, .	4.7	11
4	Measurements of $\sigma(\bar{\nu}_\mu + p \rightarrow e^+ + n)$ and $\sigma(\bar{\nu}_\mu + p \rightarrow e^+ + n + \pi^0)$ charged-current cross-sections without detected pions or protons on water and hydrocarbon at a mean anti-neutrino energy of 0.86 GeV. <i>Progress of Theoretical and Experimental Physics</i> , 2021, 2021, .	6.6	6
5	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.	5.4	12
6	First T2K measurement of transverse kinematic imbalance in the muon-neutrino charged-current single- π production channel containing at least one proton. <i>Physical Review D</i> , 2021, 103, .	4.7	7
7	Improved constraints on neutrino mixing from the T2K experiment with χ^2 analysis of $\nu_{\mu} \rightarrow \nu_{\tau}$ oscillations on target. <i>Physical Review D</i> , 2021, 103, .	4.7	64
8	Calibration of the liquid argon ionization response to low energy electronic and nuclear recoils with DarkSide-50. <i>Physical Review D</i> , 2021, 104, .	4.7	8
9	Diffuse supernova neutrino background search at Super-Kamiokande. <i>Physical Review D</i> , 2021, 104, .	4.7	40
10	Performance of the ReD TPC, a novel double-phase LAr detector with silicon photomultiplier readout. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	6
11	The 2-inches VSiPMT industrial prototypes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 958, 162144.	1.6	3
12	A multi-PMT photodetector system for the Hyper-Kamiokande experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 958, 163033.	1.6	2
13	Measurement of the charged-current electron (anti-)neutrino inclusive cross-sections at the T2K off-axis near detector ND280. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	14
14	First measurement of the charged current $\sigma(\bar{\nu}_\mu + p \rightarrow e^+ + n)$ double differential cross section on a water target without pions in the final state. <i>Physical Review D</i> , 2020, 102, .	4.7	7
15	Indirect search for dark matter from the Galactic Center and halo with the Super-Kamiokande detector. <i>Physical Review D</i> , 2020, 102, .	4.7	19
16	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. <i>Physical Review Letters</i> , 2020, 124, 161802.	7.8	13
17	Effective field theory interactions for liquid argon target in DarkSide-50 experiment. <i>Physical Review D</i> , 2020, 101, .	4.7	6
18	Design and construction of a new detector to measure ultra-low radioactive-isotope contamination of argon. <i>Journal of Instrumentation</i> , 2020, 15, P02024-P02024.	1.2	19

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19	First combined measurement of the muon neutrino and antineutrino charged-current cross section without pions in the final state at T2K. Physical Review D, 2020, 101, .	4.7	21
20	Simultaneous measurement of the muon neutrino charged-current cross section on oxygen and carbon without pions in the final state at T2K. Physical Review D, 2020, 101, .	4.7	24
21	Measurement of the muon neutrino charged-current single $\bar{\nu}_e$ production on hydrocarbon using the T2K off-axis near detector ND280. Physical Review D, 2020, 101, .	4.7	9
22	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. Nature, 2020, 580, 339-344.	27.8	313
23	Atmospheric neutrino oscillation analysis with improved event reconstruction in Super-Kamiokande IV. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	38
24	Search for neutral-current induced single photon production at the ND280 near detector in T2K. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 08LT01.	3.6	10
25	Measurement of the muon neutrino charged-current cross sections on water, hydrocarbon and iron, and their ratios, with the T2K on-axis detectors. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	8
26	Search for heavy neutrinos with the T2K near detector ND280. Physical Review D, 2019, 100, .	4.7	46
27	Measurement of the neutrino-oxygen neutral-current quasielastic cross section using atmospheric neutrinos at Super-Kamiokande. Physical Review D, 2019, 99, .	4.7	12
28	Search for light sterile neutrinos with the T2K far detector Super-Kamiokande at a baseline of 295 km. Physical Review D, 2019, 99, .	4.7	22
29	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{1}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ rays. Physical Review D, 2019, 100, .	4.7	15
30	VSiPMT: a new solution in photon detection. , 2019, , .		0
31	Measurement of the single $\bar{\nu}_e$ production rate in neutral current neutrino interactions on water. Physical Review D, 2018, 97, .	4.7	4
32	Development of a new 2-inch hybrid photo-detector using MPPC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 290-293.	1.6	3
33	DarkSide-50 532-day dark matter search with low-radioactivity argon. Physical Review D, 2018, 98, .	4.7	147
34	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mn} \rangle 2.2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \tilde{\Delta} \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 10 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle 21 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$	7.8	165
35	Protons on Target. Physical Review Letters, 2018, 121, 171802. Constraints on Sub-GeV Dark-Matter "Electron Scattering from the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 111303.	7.8	179
36	Physics potentials with the second Hyper-Kamiokande detector in Korea. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	77

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37	Acrylic studies for Hyper-Kamiokande experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 902, 149-157.	1.6	0
38	Study of PMMA materials for a digital optical module. AIP Conference Proceedings, 2018, , .	0.4	1
39	DarkSide-20k: A 20 tonne two-phase LAr TPC for direct dark matter detection at LNGS. European Physical Journal Plus, 2018, 133, 1.	2.6	247
40	Low-Mass Dark Matter Search with the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 081307.	7.8	259
41	Measurement of inclusive double-differential $\hat{1}/2\hat{1}/4$ charged-current cross section with improved acceptance in the T2K off-axis near detector. Physical Review D, 2018, 98, .	4.7	23
42	Characterization of nuclear effects in muon-neutrino scattering on hydrocarbon with a measurement of final-state kinematics and correlations in charged-current pionless interactions at T2K. Physical Review D, 2018, 98, .	4.7	66
43	Electroluminescence pulse shape and electron diffusion in liquid argon measured in a dual-phase TPC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 904, 23-34.	1.6	13
44	Simulation of argon response and light detection in the DarkSide-50 dual phase TPC. Journal of Instrumentation, 2017, 12, P10015-P10015.	1.2	31
45	Search for Lorentz and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ violation using sidereal time dependence of neutrino flavor transitions over a short baseline. Physical Review D, 2017, 95, .	4.7	19
46	First measurement of the muon neutrino charged current single pion production cross section on water with the T2K near detector. Physical Review D, 2017, 95, .	4.7	33
47	Updated T2K measurements of muon neutrino and antineutrino disappearance using $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mn} \rangle 1.5 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{A} - \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ protons on target. Physical Review D, 2017, 96, .	4.7	23
48	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. Physical Review Letters, 2017, 118, 151801.	7.8	146
49	Measurement of neutrino and antineutrino oscillations by the T2K experiment including a new additional sample of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \hat{1}/2 \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ interactions at the far detector. Physical Review D, 2017, 96, .	4.7	95
50	Measurement of $\hat{1}/2\hat{A}\hat{1}/4$ and $\hat{1}/2\hat{1}/4$ charged current inclusive cross sections and their ratio with the T2K off-axis near detector. Physical Review D, 2017, 96, .	4.7	9
51	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
52	Recoil Directionality Studies in Two-Phase Liquid Argon TPC Detectors. EPJ Web of Conferences, 2017, 164, 07036.	0.3	0
53	VSiPMT a new photon detector. EPJ Web of Conferences, 2016, 116, 01004.	0.3	0
54	Measurement of the atmospheric muon flux at 3500 m depth with the NEMO Phase-2 detector. EPJ Web of Conferences, 2016, 121, 05015.	0.3	0

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55	Status and neutrino oscillation physics potential of the Hyper-Kamiokande Project in Japan. Journal of Physics: Conference Series, 2016, 718, 062014.	0.4	1
56	Letter of intent for KM3NeT 2.0. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 084001.	3.6	512
57	Upper bound on neutrino mass based on T2K neutrino timing measurements. Physical Review D, 2016, 93, .	4.7	2
58	Measurement of the muon neutrino inclusive charged-current cross section in the energy range of $1 \leq E < 3 \text{ GeV}$ with the T2K INGRID detector. Physical Review D, 2016, 93, .	4.7	14
59	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. Physical Review Letters, 2016, 116, 181801.	7.8	31
60	Measurement of double-differential muon neutrino charged-current interactions on C_8H_8 without pions in the final state using the T2K off-axis beam. Physical Review D, 2016, 93, .	4.7	77
61	Measurement of Coherent $\bar{\nu}_e$ Production in Low Energy Neutrino-Carbon Scattering. Physical Review Letters, 2016, 117, 192501.	4.8	205
62	The prototype detection unit of the KM3NeT detector. European Physical Journal C, 2016, 76, 1.	3.9	32
63	Long term monitoring of the optical background in the Capo Passero deep-sea site with the NEMO tower prototype. European Physical Journal C, 2016, 76, 1.	3.9	11
64	Neutrino oscillation physics potential of the T2K experiment. Progress of Theoretical and Experimental Physics, 2015, 2015, .	6.6	32
65	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment on target. Physical Review D, 2015, 91, .	4.7	205
66	Measurement of the charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. Physical Review D, 2015, 91, .	4.7	36
67	Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 detector. Physical Review D, 2015, 91, .	4.7	10
68	Measurement of the charged current quasielastic cross section on carbon with the ND280 detector at T2K. Physical Review D, 2015, 92, .	4.7	12
69	Physics potential of a long-baseline neutrino oscillation experiment using a J-PARC neutrino beam and Hyper-Kamiokande. Progress of Theoretical and Experimental Physics, 2015, 2015, 53C02-0.	6.6	157
70	A new generation photodetector for astroparticle physics: The VSIPMT. Astroparticle Physics, 2015, 67, 18-25.	4.3	12
71	Measurement of the atmospheric muon depth intensity relation with the NEMO Phase-2 tower. Astroparticle Physics, 2015, 66, 1-7.	4.3	21
72	Search for short baseline $\bar{\nu}_e$ disappearance with the T2K near detector. Physical Review D, 2015, 91, .	4.7	14

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73	ANTARES constrains a blazar origin of two IceCube PeV neutrino events. <i>Astronomy and Astrophysics</i> , 2015, 576, L8.	5.1	15
74	Measurement of the Inclusive Electron Neutrino Charged Current Cross Section on Carbon with the T2K Near Detector. <i>Physical Review Letters</i> , 2014, 113, 241803.	7.8	44
75	Deep sea tests of a prototype of the KM3NeT digital optical module. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	46
76	Underwater acoustic positioning system for the SMO and KM3NeT - Italia projects. , 2014, , .		3
77	Long-term optical background measurements in the Capo Passero deep-sea site. , 2014, , .		1
78	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. <i>Physical Review D</i> , 2014, 89, .	4.7	26
79	Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ rays. <i>Physical Review D</i> , 2014, 90, .	4.7	20
80	SEARCHES FOR POINT-LIKE AND EXTENDED NEUTRINO SOURCES CLOSE TO THE GALACTIC CENTER USING THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , 2014, 786, L5.	8.3	88
81	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. <i>Physical Review Letters</i> , 2014, 112, 061802.	7.8	369
82	Measurement of the inclusive $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. <i>Physical Review D</i> , 2014, 90, .	4.7	38
83	Vacuum silicon photo multiplier tube (VSiPMT): Towards a new generation of photon detectors. , 2014, , .		0
84	Precise Measurement of the Neutrino Mixing Parameter \hat{I}^3 from Muon Neutrino Disappearance in an Off-Axis Beam. <i>Physical Review Letters</i> , 2014, 112, 181801.	7.8	168
85	A search for time dependent neutrino emission from microquasars with the ANTARES telescope. <i>Journal of High Energy Astrophysics</i> , 2014, 3-4, 9-17.	6.7	9
86	Recent Results from the T2K Experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014, 246-247, 23-28.	0.4	2
87	Status and first results of the NEMO Phase-2 tower. <i>Journal of Instrumentation</i> , 2014, 9, C03045-C03045.	1.2	7
88	First results of performance tests of the newly designed Vacuum Silicon Photo Multiplier Tube (VSiPMT).. <i>Journal of Instrumentation</i> , 2014, 9, C04016-C04016.	1.2	0
89	Constraining the neutrino emission of gravitationally lensed Flat-Spectrum Radio Quasars with ANTARES data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 017-017.	5.4	8
90	A large surface photomultiplier based on SiPMs. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 725, 166-169.	1.6	1

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91	T2K neutrino flux prediction. <i>Physical Review D</i> , 2013, 87, .	4.7	165
92	Measurement of the inclusive $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle^{\hat{1}/2} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle^{\hat{1}/4} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ charged current cross section on carbon in the near detector of the T2K experiment. <i>Physical Review D</i> , 2013, 87, .	4.7	94
93	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. <i>Physical Review Letters</i> , 2013, 111, 211803.	7.8	79
94	VSiPMT for underwater neutrino telescopes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 725, 162-165.	1.6	6
95	A Kalman Filter approach for track reconstruction in a neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 725, 118-121.	1.6	2
96	Vacuum silicon photomultipliers: Recent developments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 582-583.	1.6	2
97	Proof of feasibility of the Vacuum Silicon PhotoMultiplier Tube (VSiPMT). <i>Journal of Instrumentation</i> , 2013, 8, P04021-P04021.	1.2	8
98	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. <i>Astroparticle Physics</i> , 2013, 42, 7-14.	4.3	28
99	Evidence of electron neutrino appearance in a muon neutrino beam. <i>Physical Review D</i> , 2013, 88, .	4.7	116
100	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D87, 012001 (2013)]. <i>Physical Review D</i> , 2013, 87, .	4.7	40
101	The optical modules of the phase-2 of the NEMO project. <i>Journal of Instrumentation</i> , 2013, 8, P07001-P07001.	1.2	8
102	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. <i>Journal of Instrumentation</i> , 2013, 8, T03006-T03006.	1.2	15
103	First muon-neutrino disappearance study with an off-axis beam. <i>Physical Review D</i> , 2012, 85, .	4.7	77
104	Measurements of the T2K neutrino beam properties using the INGRID on-axis near detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 694, 211-223.	1.6	86
105	High Gain Hybrid Photomultipliers Based on Solid State p-n Junctions in Geiger Mode and Their use in Astroparticle Physics. <i>Physics Procedia</i> , 2012, 37, 703-708.	1.2	2
106	Light Concentrators for Silicon Photomultipliers. <i>Physics Procedia</i> , 2012, 37, 709-714.	1.2	2
107	The T2K experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 659, 106-135.	1.6	585
108	Kalman filter tracking in a Cherenkov neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 654, 490-495.	1.6	1

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109	The NEMO project: A status report. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 626-627, S25-S29.	1.6	19
110	Measurement of charm production in neutrino charged-current interactions. New Journal of Physics, 2011, 13, 093002.	2.9	60
111	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801.	7.8	1,054
112	Measurement of the atmospheric muon flux with the NEMO Phase-1 detector. Astroparticle Physics, 2010, 33, 263-273.	4.3	24
113	The Vacuum Silicon Photomultiplier Tube (VSiPMT): A new version of a hybrid photon detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 291-293.	1.6	2
114	New Measurement of the Antiproton-to-Proton Flux Ratio up to 100 GeV in the Cosmic Radiation. Physical Review Letters, 2009, 102, 051101.	7.8	434
115	The vacuum silicon photomultiplier tube (VSiPMT): A new concept of photon detector. first feasibility results. , 2009, , .		0
116	Dark Matter Research and the PAMELA Space Mission. , 2009, , .		0
117	The PAMELA space mission. Nuclear Physics, Section B, Proceedings Supplements, 2009, 188, 296-298.	0.4	7
118	An anomalous positron abundance in cosmic rays with energies 1.5×10^6 GeV. Nature, 2009, 458, 607-609.	27.8	1,794
119	Capability of the PAMELA Time-Of-Flight to identify light nuclei: Results from a beam test calibration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 598, 696-701.	1.6	9
120	Recent results and perspectives of the NEMO project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 47-53.	1.6	22
121	Long-term measurements of acoustic background noise in very deep sea. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, S149-S157.	1.6	34
122	Cosmic ray measurements with Pamela experiment. Nuclear Physics, Section B, Proceedings Supplements, 2009, 190, 293-299.	0.4	10
123	A new Design for an High Gain Vacuum Photomultiplier: The Silicon PMT Used as Amplification Stage. Nuclear Physics, Section B, Proceedings Supplements, 2009, 197, 52-56.	0.4	3
124	Secondary electron and positron fluxes in the near-Earth space observed in the ARINA and PAMELA experiments. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 364-366.	0.6	1
125	Positrons and electrons in primary cosmic rays as measured in the PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 568-570.	0.6	4
126	Performance of the PAMELA Si-W imaging calorimeter in space. Journal of Physics: Conference Series, 2009, 160, 012039.	0.4	0

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127	Two Years of Flight of the Pamela Experiment: Results and Perspectives. Journal of the Physical Society of Japan, 2009, 78, 35-40.	1.6	6
128	The Time-of-Flight system for the PAMELA experiment in space. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 584, 319-326.	1.6	4
129	Magnetospheric and solar physics observations with the PAMELA experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 243-246.	1.6	1
130	A new high-gain vacuum photomultiplier based upon the amplification of a Geiger-mode p ⁺ n junction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 326-331.	1.6	20
131	Launch of the space experiment PAMELA. Advances in Space Research, 2008, 42, 455-466.	2.6	36
132	Recent achievements of the NEMO project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 111-118.	1.6	50
133	In-flight performances of the PAMELA satellite experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 259-266.	1.6	41
134	The time-of-flight system of the PAMELA experiment: In-flight performances. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 235-238.	1.6	6
135	Final results on oscillation from the CHORUS experiment. Nuclear Physics B, 2008, 793, 326-343.	2.5	52
136	Leading order analysis of neutrino induced dimuon events in the CHORUS experiment. Nuclear Physics B, 2008, 798, 1-16.	2.5	30
137	The Data Acquisition and Transport Design for NEMO Phase 1. IEEE Transactions on Nuclear Science, 2008, 55, 233-240.	2.0	20
138	The PAMELA space experiment: first year of operation. Journal of Physics: Conference Series, 2008, 110, 062002.	0.4	7
139	The PAMELA space mission. , 2008, , .		0
140	NEMO: A PROJECT FOR A KM3 UNDERWATER DETECTOR FOR ASTROPHYSICAL NEUTRINOS IN THE MEDITERRANEAN SEA. International Journal of Modern Physics A, 2007, 22, 3509-3520.	1.5	11
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