

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
g-index

171
all docs

171
docs citations

171
times ranked

9542
citing authors

#	ARTICLE	IF	CITATIONS
1	An anomalous positron abundance in cosmic rays with energies 1.5×10^6 GeV. Nature, 2009, 458, 607-609.	27.8	1,794
2	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801.	7.8	1,054
3	The T2K experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 106-135.	1.6	585
4	Letter of intent for KM3NeT 2.0. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 084001.	3.6	512
5	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
6	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. Physical Review Letters, 2014, 112, 061802.	7.8	369
7	PAMELA – A payload for antimatter matter exploration and light-nuclei astrophysics. Astroparticle Physics, 2007, 27, 296-315.	4.3	362
8	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. Nature, 2020, 580, 339-344.	27.8	313
9	Low-Mass Dark Matter Search with the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 081307.	7.8	259
10	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
11	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with $\theta_{13} = 9.1^\circ$ on target. Physical Review D, 2015, 91, .	4.7	205
12	Constraints on Sub-GeV Dark-Matter-Electron Scattering from the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 111303.	7.8	179
13	Precise Measurement of the Neutrino Mixing Parameter θ_{13} from Muon Neutrino Disappearance in an Off-Axis Beam. Physical Review Letters, 2014, 112, 181801.	7.8	168
14	T2K neutrino flux prediction. Physical Review D, 2013, 87, .	4.7	165
15	Search for $C P$ Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with $\theta_{13} = 9.1^\circ$ Protons on Target. Physical Review Letters, 2018, 121, 171802.	7.8	165
16	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
17	DarkSide-50 532-day dark matter search with low-radioactivity argon. Physical Review D, 2018, 98, .	4.7	147
18	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. Physical Review Letters, 2017, 118, 151801.	7.8	146

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19	Evidence of electron neutrino appearance in a muon neutrino beam. Physical Review D, 2013, 88, .	4.7	116
20	Measurement of nucleon structure functions in neutrino scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 65-75.	4.1	113
21	High-speed particle tracking in nuclear emulsion by last-generation automatic microscopes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 551, 261-270.	1.6	108
22	Measurement of neutrino and antineutrino oscillations by the T2K experiment including a new additional sample of $\nu_{\mu} \rightarrow \nu_e$ interactions at the far detector. Physical Review D, 2017, 96, .	4.7	95
23	Measurement of the inclusive $\nu_{\mu} \rightarrow \nu_e$ charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	4.7	94
24	SEARCHES FOR POINT-LIKE AND EXTENDED NEUTRINO SOURCES CLOSE TO THE GALACTIC CENTER USING THE ANTARES NEUTRINO TELESCOPE. Astrophysical Journal Letters, 2014, 786, L5.	8.3	88
25	Measurements of the T2K neutrino beam properties using the INGRID on-axis near detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 211-223.	1.6	86
26	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803.	7.8	79
27	First muon-neutrino disappearance study with an off-axis beam. Physical Review D, 2012, 85, .	4.7	77
28	Measurement of double-differential muon neutrino charged-current interactions on C8H8 without pions in the final state using the T2K off-axis beam. Physical Review D, 2016, 93, .	4.7	77
29	Physics potentials with the second Hyper-Kamiokande detector in Korea. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	77
30	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
31	Improved constraints on neutrino mixing from the T2K experiment with $\theta_{13} > 3.13^\circ$ on target. Physical Review D, 2021, 103, .	4.7	64
32	Deep seawater inherent optical properties in the Southern Ionian Sea. Astroparticle Physics, 2007, 27, 1-9.	4.3	62
33	Measurement of charm production in neutrino charged-current interactions. New Journal of Physics, 2011, 13, 093002.	2.9	60
34	Final results on oscillation from the CHORUS experiment. Nuclear Physics B, 2008, 793, 326-343.	2.5	52
35	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
36	Momentum measurement by the angular method in the Emulsion Cloud Chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 512, 539-545.	1.6	46

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37	Deep sea tests of a prototype of the KM3NeT digital optical module. European Physical Journal C, 2014, 74, 1.	3.9	46
38	Search for heavy neutrinos with the T2K near detector ND280. Physical Review D, 2019, 100, .	4.7	46
39	Measurement of the Inclusive Electron Neutrino Charged Current Cross Section on Carbon with the T2K Near Detector. Physical Review Letters, 2014, 113, 241803.	7.8	44
40	Measurement of the $\sigma_{\text{QE}}^{\nu e}$ quasielastic cross section on carbon with the ND280 detector at T2K. Physical Review D, 2015, 92, .	4.7	44
41	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
42	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D87, 012001 (2013)]. Physical Review D, 2013, 87, .	4.7	40
43	Diffuse supernova neutrino background search at Super-Kamiokande. Physical Review D, 2021, 104, .	4.7	40
44	Measurement of the inclusive $\sigma_{\text{QE}}^{\nu e}$ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. Physical Review D, 2014, 90, .	4.7	38
45	Atmospheric neutrino oscillation analysis with improved event reconstruction in Super-Kamiokande IV. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	38
46	Launch of the space experiment PAMELA. Advances in Space Research, 2008, 42, 455-466.	2.6	36
47	Measurement of the $\sigma_{\text{QE}}^{\nu e}$ charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. Physical Review D, 2015, 91, .	4.7	36
48	Status of NEMO. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 567, 444-451.	1.6	35
49	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
50	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
51	Neutrino oscillation physics potential of the T2K experiment. Progress of Theoretical and Experimental Physics, 2015, 2015, .	6.6	32
52	The prototype detection unit of the KM3NeT detector. European Physical Journal C, 2016, 76, 1.	3.9	32
53	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. Physical Review Letters, 2016, 116, 181801.	7.8	31
54	Simulation of argon response and light detection in the DarkSide-50 dual phase TPC. Journal of Instrumentation, 2017, 12, P10015-P10015.	1.2	31

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73	Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \hat{1}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ rays. Physical Review D, 2014, 90, .	4.7	20
74	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
75	Search for Lorentz and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ violation using sidereal time dependence of neutrino flavor transitions over a short baseline. Physical Review D, 2017, 95, .	4.7	19
76	Indirect search for dark matter from the Galactic Center and halo with the Super-Kamiokande detector. Physical Review D, 2020, 102, .	4.7	19
77	Design and construction of a new detector to measure ultra-low radioactive-isotope contamination of argon. Journal of Instrumentation, 2020, 15, P02024-P02024.	1.2	19
78	Measurement of $\hat{1}c+$ production in neutrino charged-current interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 555, 156-166.	4.1	18
79	Observation of one event with the characteristics of associated charm production in neutrino charged-current interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 539, 188-196.	4.1	17
80	Cross-section measurement for quasi-elastic production of charmed baryons in $\hat{1}^{1/2}N$ interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 575, 198-207.	4.1	15
81	Atmospheric muon flux measurements at the external site of the Gran Sasso Lab. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 525, 485-495.	1.6	15
82	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. Journal of Instrumentation, 2013, 8, T03006-T03006.	1.2	15
83	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \hat{1}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ rays. Physical Review D, 2019, 100, .	4.7	15
84	ANTARES constrains a blazar origin of two IceCube PeV neutrino events. Astronomy and Astrophysics, 2015, 576, L8.	5.1	15
85	Determination of the semi-leptonic branching fraction of charm hadrons produced in neutrino charged-current interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 549, 48-57.	4.1	14
86	Search for short baseline $\hat{1}^{1/2}$ disappearance with the T2K near detector. Physical Review D, 2015, 91, .	4.7	14
87	Measurement of the muon neutrino inclusive charged-current cross section in the energy range of $1 \hat{1} \text{€} 3 \hat{1} \text{GeV}$ with the T2K INGRID detector. Physical Review D, 2016, 93, .	4.7	14
88	Measurement of the charged-current electron (anti-)neutrino inclusive cross-sections at the T2K off-axis near detector ND280. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
89	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
90	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. Physical Review Letters, 2020, 124, 161802.	7.8	13

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91	Measurement of fragmentation properties of charmed particle production in charged-current neutrino interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 604, 145-156.	4.1	12
92	Charged-particle multiplicities in charged-current neutrino and anti-neutrino nucleus interactions. European Physical Journal C, 2007, 51, 775.	3.9	12
93	A new generation photodetector for astroparticle physics: The VSIPMT. Astroparticle Physics, 2015, 67, 18-25.	4.3	12
94	Measurement of the neutrino-oxygen neutral-current quasielastic cross section using atmospheric neutrinos at Super-Kamiokande. Physical Review D, 2019, 99, .	4.7	12
95	Sensitivity of future liquid argon dark matter search experiments to core-collapse supernova neutrinos. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 043.	5.4	12
96	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
97	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
98	T2K measurements of muon neutrino and antineutrino disappearance using 3.13×10^{11} protons on target. Physical Review D, 2021, 103, .	4.7	11
99	Associated charm production in neutrino nucleus interactions. European Physical Journal C, 2007, 52, 543-552.	3.9	10
100	Cosmic ray measurements with Pamela experiment. Nuclear Physics, Section B, Proceedings Supplements, 2009, 190, 293-299.	0.4	10
101	Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 detector. Physical Review D, 2015, 91, .	4.7	10
102	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
103	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
104	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
105	A search for time dependent neutrino emission from microquasars with the ANTARES telescope. Journal of High Energy Astrophysics, 2014, 3-4, 9-17.	6.7	9
106	Measurement of $\hat{1}/2\hat{A}^{-1/4}$ 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
107	Measurement of the muon neutrino charged-current single $\hat{1}\hat{e}^+$ production on hydrocarbon using the T2K off-axis near detector ND280. Physical Review D, 2020, 101, .	4.7	9
108	Experimental study of trimuon events in neutrino charged-current interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 596, 44-53.	4.1	8

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109	Measurement of $\langle \sigma_{\nu e} \rangle$ for ν_e and $\bar{\nu}_e$ on water and hydrocarbon targets. Journal of Instrumentation, 2013, 8, P07001-P07001.	4.1	8
110	Proof of feasibility of the Vacuum Silicon PhotoMultiplier Tube (VSiPMT). Journal of Instrumentation, 2013, 8, P04021-P04021.	1.2	8
111	The optical modules of the phase-2 of the NEMO project. Journal of Instrumentation, 2013, 8, P07001-P07001.	1.2	8
112	Constraining the neutrino emission of gravitationally lensed Flat-Spectrum Radio Quasars with ANTARES data. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 017-017.	5.4	8
113	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
114	Calibration of the liquid argon ionization response to low energy electronic and nuclear recoils with DarkSide-50. Physical Review D, 2021, 104, .	4.7	8
115	Measurement of the Z/A dependence of neutrino charged-current total cross-sections. European Physical Journal C, 2003, 30, 159-167.	3.9	7
116	Measurement of charm production in antineutrino charged-current interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 604, 11-21.	4.1	7
117	The PAMELA space experiment: first year of operation. Journal of Physics: Conference Series, 2008, 110, 062002.	0.4	7
118	The PAMELA space mission. Nuclear Physics, Section B, Proceedings Supplements, 2009, 188, 296-298.	0.4	7
119	Status and first results of the NEMO Phase-2 tower. Journal of Instrumentation, 2014, 9, C03045-C03045.	1.2	7
120	First measurement of the charged current $\langle \sigma_{\nu e} \rangle$ for ν_e and $\bar{\nu}_e$ on water and hydrocarbon targets. Journal of Instrumentation, 2013, 8, P07001-P07001.	4.7	7
121	First T2K measurement of transverse kinematic imbalance in the muon-neutrino charged-current single- $\langle \sigma_{\nu e} \rangle$ for ν_e and $\bar{\nu}_e$ on water and hydrocarbon targets. Journal of Instrumentation, 2013, 8, P07001-P07001.	4.7	7
122	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
123	VSiPMT for underwater neutrino telescopes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 725, 162-165.	1.6	6
124	Effective field theory interactions for liquid argon target in DarkSide-50 experiment. Physical Review D, 2020, 101, .	4.7	6
125	Measurements of $\langle \sigma_{\nu e} \rangle$ for ν_e and $\bar{\nu}_e$ on water and hydrocarbon at a mean anti-neutrino energy of 0.86 GeV. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	6
126	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

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127	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
128	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
129	The Time-of-Flight system for the PAMELA experiment in space. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008, 584, 319-326.	1.6	4
130	Positrons and electrons in primary cosmic rays as measured in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2009, 73, 568-570.	0.6	4
131	Measurement of the single $\bar{\nu}_e$ production rate in neutral current neutrino interactions on water. <i>Physical Review D</i> , 2018, 97, .	4.7	4
132	A new Design for an High Gain Vacuum Photomultiplier: The Silicon PMT Used as Amplification Stage. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 197, 52-56.	0.4	3
133	Underwater acoustic positioning system for the SMO and KM3NeT - Italia projects. , 2014, , .		3
134	Development of a new 2-inch hybrid photo-detector using MPPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 912, 290-293.	1.6	3
135	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
136	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
137	The Time of Flight System and Trigger Electronics for the PAMELA Experiment in Space. , 2006, , .		2
138	The Vacuum Silicon Photomultiplier Tube (VSiPMT): A new version of a hybrid photon detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 623, 291-293.	1.6	2
139	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
140	Light Concentrators for Silicon Photomultipliers. <i>Physics Procedia</i> , 2012, 37, 709-714.	1.2	2
141	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
142	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
143	Recent Results from the T2K Experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014, 246-247, 23-28.	0.4	2
144	Upper bound on neutrino mass based on T2K neutrino timing measurements. <i>Physical Review D</i> , 2016, 93, .	4.7	2

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145	A multi-PMT photodetector system for the Hyper-Kamiokande experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 163033.	1.6	2
146	Search for superfragments and measurement of the production of hyperfragments in neutrino-nucleus interactions. Nuclear Physics B, 2005, 718, 35-54.	2.5	1
147	Technical features of 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, 2007, 572, 495-497.	1.6	1
148	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
149	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
150	Kalman filter tracking in a Cherenkov neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 490-495.	1.6	1
151	A large surface photomultiplier based on SiPMs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 725, 166-169.	1.6	1
152	Long-term optical background measurements in the Capo Passero deep-sea site. , 2014, , .		1
153	Status and neutrino oscillation physics potential of the Hyper-Kamiokande Project in Japan. Journal of Physics: Conference Series, 2016, 718, 062014.	0.4	1
154	Study of PMMA materials for a digital optical module. AIP Conference Proceedings, 2018, , .	0.4	1
155	STUDY OF CHARM PHYSICS IN NEUTRINO SCATTERING IN THE CHORUS EXPERIMENT. International Journal of Modern Physics A, 2005, 20, 455-464.	1.5	0
156	Light-Nuclei identification with PAMELA space telescope: preliminary in-flight results. AIP Conference Proceedings, 2007, , .	0.4	0
157	Timing calibration for the NEMO (NEutrino Mediterranean Observatory) prototype. , 2007, , .		0
158	PAMELA: A payload for antimatter matter exploration and light-nuclei astrophysics - status and first results. , 2007, , .		0
159	The vacuum silicon photomultiplier tube (VSiPMT): A new concept of photon detector. first feasibility results. , 2009, , .		0
160	Dark Matter Research and the PAMELA Space Mission. , 2009, , .		0
161	Performance of the PAMELA Si-W imaging calorimeter in space. Journal of Physics: Conference Series, 2009, 160, 012039.	0.4	0
162	Vacuum silicon photo multiplier tube (VSiPMT): Towards a new generation of photon detectors. , 2014, , .		0

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163	First results of performance tests of the newly designed Vacuum Silicon Photo Multiplier Tube (VSiPMT).. Journal of Instrumentation, 2014, 9, C04016-C04016.	1.2	0
164	VSiPMT a new photon detector. EPJ Web of Conferences, 2016, 116, 01004.	0.3	0
165	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
166	Recoil Directionality Studies in Two-Phase Liquid Argon TPC Detectors. EPJ Web of Conferences, 2017, 164, 07036.	0.3	0
167	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
168	The PAMELA space mission. , 2008, , .		0
169	VSiPMT: a new solution in photon detection. , 2019, , .		0