

Giuliana Fiorillo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5705879/publications.pdf>

Version: 2024-02-01

186
papers

6,226
citations

71102

41
h-index

79698

73
g-index

190
all docs

190
docs citations

190
times ranked

6826
citing authors

#	ARTICLE	IF	CITATIONS
1	First Direct Detection Constraints on Planck-Scale Mass Dark Matter with Multiple-Scatter Signatures Using the DEAP-3600 Detector. <i>Physical Review Letters</i> , 2022, 128, 011801.	7.8	22
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	Direct detection of dark matter—APPEC committee report*. <i>Reports on Progress in Physics</i> , 2022, 85, 056201.	20.1	92
4	SiPM-matrix readout of two-phase argon detectors using electroluminescence in the visible and near infrared range. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	18
5	The novel Mechanical Ventilator Milano for the COVID-19 pandemic. <i>Physics of Fluids</i> , 2021, 33, 037122.	4.0	29
6	Measurements of $\langle \sigma v \rangle$ and $\langle \sigma v \rangle + \langle \sigma v \rangle$ 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
7	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
8	Separating ^{39}Ar from ^{40}Ar by cryogenic distillation with Aria for dark-matter searches. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	12
9	First T2K measurement of transverse kinematic imbalance in the muon-neutrino charged-current single- ν production channel containing at least one proton. <i>Physical Review D</i> , 2021, 103, .	4.7	7
10	Improved constraints on neutrino mixing from the T2K experiment with $\bar{\nu}_\mu$ on target. <i>Physical Review D</i> , 2021, 103, .	4.7	64
11	Pulse-shape discrimination against low-energy Ar-39 beta decays in liquid argon with 4.5 tonne-years of DEAP-3600 data. <i>European Physical Journal C</i> , 2021, 81, 823.	3.9	12
12	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
13	Characterization of the scintillation time response of liquid argon detectors for dark matter search. <i>Journal of Instrumentation</i> , 2021, 16, P11026.	1.2	1
14	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
15	Constraints on dark matter-nucleon effective couplings in the presence of kinematically distinct halo substructures using the DEAP-3600 detector. <i>Physical Review D</i> , 2020, 102, .	4.7	21
16	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
17	First measurement of the charged-current $\bar{\nu}_\mu$ double differential cross section on a water target without pions in the final state. <i>Physical Review D</i> , 2020, 102, .	4.7	7
18	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. <i>Physical Review Letters</i> , 2020, 124, 161802.	7.8	13

#	ARTICLE	IF	CITATIONS
19	The liquid-argon scintillation pulse shape in DEAP-3600. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	14
20	Effective field theory interactions for liquid argon target in DarkSide-50 experiment. <i>Physical Review D</i> , 2020, 101, .	4.7	6
21	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
22	First combined measurement of the muon neutrino and antineutrino charged-current cross section without pions in the final state at T2K. <i>Physical Review D</i> , 2020, 101, .	4.7	21
23	Simultaneous measurement of the muon neutrino charged-current cross section on oxygen and carbon without pions in the final state at T2K. <i>Physical Review D</i> , 2020, 101, .	4.7	24
24	Measurement of the muon neutrino charged-current single $\bar{\nu}_e$ production on hydrocarbon using the T2K off-axis near detector ND280. <i>Physical Review D</i> , 2020, 101, .	4.7	9
25	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. <i>Nature</i> , 2020, 580, 339-344.	27.8	313
26	Search for dark matter with a 231-day exposure of liquid argon using DEAP-3600 at SNOLAB. <i>Physical Review D</i> , 2019, 100, .	4.7	94
27	Search for neutral-current induced single photon production at the ND280 near detector in T2K. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 08LT01.	3.6	10
28	Measurement of the muon neutrino charged-current cross sections on water, hydrocarbon and iron, and their ratios, with the T2K on-axis detectors. <i>Progress of Theoretical and Experimental Physics</i> , 2019, 2019, .	6.6	8
29	Electromagnetic backgrounds and potassium-42 activity in the DEAP-3600 dark matter detector. <i>Physical Review D</i> , 2019, 100, .	4.7	20
30	Search for heavy neutrinos with the T2K near detector ND280. <i>Physical Review D</i> , 2019, 100, .	4.7	46
31	Recoil Directionality Experiment. <i>EPJ Web of Conferences</i> , 2019, 209, 01031.	0.3	0
32	Search for light sterile neutrinos with the T2K far detector Super-Kamiokande at a baseline of 295 km. <i>Physical Review D</i> , 2019, 99, .	4.7	22
33	Directional dark matter detection sensitivity of a two-phase liquid argon detector. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 014-014.	5.4	8
34	Measurement of the ion fraction and mobility of ^{218}Po produced in ^{222}Rn decays in liquid argon. <i>Journal of Instrumentation</i> , 2019, 14, P11018-P11018.	1.2	2
35	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \hat{1}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{ rays}$ \rangle . <i>Physical Review D</i> , 2019, 100, .	4.7	15
36	DarkSide-50 532-day dark matter search with low-radioactivity argon. <i>Physical Review D</i> , 2018, 98, .	4.7	147

#	ARTICLE	IF	CITATIONS
37	Search for $C P$ Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with 2.2×10^{21} Protons on Target. Physical Review Letters, 2018, 121, 171802.	7.8	165
38	Constraints on Sub-GeV Dark-Matter "Electron Scattering from the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 111303.	7.8	179
39	Physics potentials with the second Hyper-Kamiokande detector in Korea. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	77
40	Measurement of the liquid argon energy response to nuclear and electronic recoils. Physical Review D, 2018, 97, .	4.7	38
41	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
42	Low-Mass Dark Matter Search with the DarkSide-50 Experiment. Physical Review Letters, 2018, 121, 081307.	7.8	259
43	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
44	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
45	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
46	The DarkSide Experiment: Present Status and Future. Journal of Physics: Conference Series, 2017, 798, 012109.	0.4	7
47	Effect of low electric fields on alpha scintillation light yield in liquid argon. Journal of Instrumentation, 2017, 12, P01021-P01021.	1.2	5
48	Simulation of argon response and light detection in the DarkSide-50 dual phase TPC. Journal of Instrumentation, 2017, 12, P10015-P10015.	1.2	31
49	Directional modulation of electron-ion pairs recombination in liquid argon. Journal of Instrumentation, 2017, 12, P12002-P12002.	1.2	9
50	Feasibility study of SiGHT: a novel ultra low background photosensor for low temperature operation. Journal of Instrumentation, 2017, 12, P02019-P02019.	1.2	0
51	Measurement of neutrino and antineutrino oscillations by the T2K experiment including a new additional sample of $e \nu$ interactions at the far detector. Physical Review D, 2017, 96, .	4.7	95
52	The DarkSide direct dark matter search with liquid argon. AIP Conference Proceedings, 2017, , .	0.4	0
53	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
54	CALIS "A CALibration Insertion System for the DarkSide-50 dark matter search experiment. Journal of Instrumentation, 2017, 12, T12004-T12004.	1.2	10

#	ARTICLE	IF	CITATIONS
55	Recoil Directionality Studies in Two-Phase Liquid Argon TPC Detectors. EPJ Web of Conferences, 2017, 164, 07036.	0.3	0
56	Cryogenic Characterization of FBK RGB-HD SiPMs. Journal of Instrumentation, 2017, 12, P09030-P09030.	1.2	16
57	Directionality in Dark Matter search. , 2017, , .		1
58	DarkSide-50: status of the detector and results. , 2017, , .		0
59	Dark Side. , 2017, , .		0
60	THE DARKSIDE-50 EXPERIMENT: A LIQUID ARGON TARGET FOR DARK MATTER PARTICLES. , 2017, , 355-360.		0
61	The DarkSide Program. EPJ Web of Conferences, 2016, 121, 06010.	0.3	0
62	The DarkSide-50 outer detectors. Journal of Physics: Conference Series, 2016, 718, 042062.	0.4	0
63	The development of SiGHT: an ultra low background photosensor. , 2016, , .		1
64	Solar neutrino detection in a large volume double-phase liquid argon experiment. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 017-017.	5.4	23
65	The electronics and data acquisition system for the DarkSide-50 veto detectors. Journal of Instrumentation, 2016, 11, P12007-P12007.	1.2	7
66	The veto system of the DarkSide-50 experiment. Journal of Instrumentation, 2016, 11, P03016-P03016.	1.2	33
67	The DarkSide project. Journal of Instrumentation, 2016, 11, C02051-C02051.	1.2	3
68	A first walk on the DarkSide. Nuclear and Particle Physics Proceedings, 2016, 273-275, 452-458.	0.5	0
69	Results from the first use of low radioactivity argon in a dark matter search. Physical Review D, 2016, 93, .	4.7	108
70	The DarkSide awakens. Journal of Physics: Conference Series, 2016, 718, 042016.	0.4	4
71	The GAP-TPC. Journal of Instrumentation, 2016, 11, C02041-C02041.	1.2	4
72	Performance of a SensL-30035-16P silicon photomultiplier array at liquid argon temperature. Journal of Instrumentation, 2015, 10, P08013-P08013.	1.2	7

#	ARTICLE	IF	CITATIONS
73	The DarkSide Multiton Detector for the Direct Dark Matter Search. <i>Advances in High Energy Physics</i> , 2015, 2015, 1-8.	1.1	21
74	Measurement of scintillation and ionization yield and scintillation pulse shape from nuclear recoils in liquid argon. <i>Physical Review D</i> , 2015, 91, .	4.7	80
75	THE DARKSIDE PROGRAM. , 2015, , .		0
76	DarkSide-50: A WIMP Search with a Two-phase Argon TPC. <i>Physics Procedia</i> , 2015, 61, 124-129.	1.2	10
77	Direct Search for Dark Matter with DarkSide. <i>Journal of Physics: Conference Series</i> , 2015, 650, 012006.	0.4	9
78	A new generation photodetector for astroparticle physics: The VSIPMT. <i>Astroparticle Physics</i> , 2015, 67, 18-25.	4.3	12
79	First results from the DarkSide-50 dark matter experiment at Laboratori Nazionali del Gran Sasso. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 743, 456-466.	4.1	186
80	Vacuum silicon photo multiplier tube (VSIPMT): Towards a new generation of photon detectors. , 2014, , .		0
81	The trigger system of the ICARUS experiment for the CNGS beam. <i>Journal of Instrumentation</i> , 2014, 9, P08003-P08003.	1.2	14
82	Experimental observation of an extremely high electron lifetime with the ICARUS-T600 LAr-TPC. <i>Journal of Instrumentation</i> , 2014, 9, P12006-P12006.	1.2	36
83	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
84	A new concept of γ -ray telescope. LARGO: Liquid Argon Gamma-ray Observatory. , 2014, , .		0
85	Search for anomalies in the $\hat{1}/2 e$ appearance from a $\hat{1}/2 \hat{1}/4$ beam. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	61
86	Light yield in DarkSide-10: A prototype two-phase argon TPC for dark matter searches. <i>Astroparticle Physics</i> , 2013, 49, 44-51.	4.3	36
87	Proof of feasibility of the Vacuum Silicon PhotoMultiplier Tube (VSIPMT). <i>Journal of Instrumentation</i> , 2013, 8, P04021-P04021.	1.2	8
88	Experimental search for the $\hat{a}eLSND$ anomaly $\hat{a}e$ with the ICARUS detector in the CNGS neutrino beam. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	59
89	DarkSide search for dark matter. <i>Journal of Instrumentation</i> , 2013, 8, C11021-C11021.	1.2	36
90	Precise 3D Track Reconstruction Algorithm for the ICARUS T600 Liquid Argon Time Projection Chamber Detector. <i>Advances in High Energy Physics</i> , 2013, 2013, 1-16.	1.1	28

#	ARTICLE	IF	CITATIONS
91	Observation of the dependence on drift field of scintillation from nuclear recoils in liquid argon. Physical Review D, 2013, 88, .	4.7	30
92	Tetraphenyl-butadiene films: VUV-Vis optical characterization from room to liquid argon temperature. Journal of Instrumentation, 2013, 8, C09010-C09010.	1.2	7
93	VUV-Vis optical characterization of Tetraphenyl-butadiene films on glass and specular reflector substrates from room to liquid Argon temperature. Journal of Instrumentation, 2013, 8, P09006-P09006.	1.2	29
94	Demonstration and comparison of photomultiplier tubes at liquid Argon temperature. Journal of Instrumentation, 2012, 7, P01016-P01016.	1.2	15
95	Precision measurement of the neutrino velocity with the ICARUS detector in the CNGS beam. Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
96	Test and Comparison of Photomultiplier Tubes at Liquid Argon Temperature. Physics Procedia, 2012, 37, 1087-1094.	1.2	0
97	A search for the analogue to Cherenkov radiation by high energy neutrinos at superluminal speeds in ICARUS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 270-275.	4.1	22
98	Measurement of the neutrino velocity with the ICARUS detector at the CNGS beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 17-22.	4.1	44
99	The WArP Experiment. Journal of Physics: Conference Series, 2011, 308, 012005.	0.4	9
100	Underground operation of the ICARUS T600 LAr-TPC: first results. Journal of Instrumentation, 2011, 6, P07011-P07011.	1.2	95
101	First physics results from WARP 2.3 litre prototype. Nuclear Physics, Section B, Proceedings Supplements, 2011, 221, 53-56.	0.4	2
102	Measurement of charm production in neutrino charged-current interactions. New Journal of Physics, 2011, 13, 093002.	2.9	60
103	Oxygen contamination in liquid Argon: combined effects on ionization electron charge and scintillation light. Journal of Instrumentation, 2010, 5, P05003-P05003.	1.2	44
104	The WArP experiment. Journal of Physics: Conference Series, 2010, 203, 012006.	0.4	20
105	Effects of Nitrogen contamination in liquid Argon. Journal of Instrumentation, 2010, 5, P06003-P06003.	1.2	53
106	Towards a new Liquid Argon Imaging Chamber for the MODULAR project. Journal of Instrumentation, 2009, 4, P02003-P02003.	1.2	11
107	Effects of Nitrogen and Oxygen contaminations in liquid Argon. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 169-172.	1.6	11
108	Performance of photomultiplier tubes for cryogenic applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 610, 271-275.	1.6	2

#	ARTICLE	IF	CITATIONS
109	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
110	Effects of Nitrogen and Oxygen contamination in liquid Argon. Nuclear Physics, Section B, Proceedings Supplements, 2009, 197, 70-73.	0.4	24
111	The WArP Dark Matter Search. , 2009, , .		2
112	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.	1.6	44
113	A new high-gain vacuum photomultiplier based upon the amplification of a Geiger-mode α -n junction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 326-331.	1.6	20
114	A new, very massive modular Liquid Argon Imaging Chamber to detect low energy off-axis neutrinos from the CNGS beam (Project MODULAR). Astroparticle Physics, 2008, 29, 174-187.	4.3	32
115	First results from a dark matter search with liquid argon at 87K in the Gran Sasso underground laboratory. Astroparticle Physics, 2008, 28, 495-507.	4.3	153
116	Final results on oscillation from the CHORUS experiment. Nuclear Physics B, 2008, 793, 326-343.	2.5	52
117	Leading order analysis of neutrino induced dimuon events in the CHORUS experiment. Nuclear Physics B, 2008, 798, 1-16.	2.5	30
118	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.	0.4	9
119	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.	1.6	91
120	Charged-particle multiplicities in charged-current neutrino- α and anti-neutrino- α nucleus interactions. European Physical Journal C, 2007, 51, 775.	3.9	12
121	Associated charm production in neutrino- α nucleus interactions. European Physical Journal C, 2007, 52, 543-552.	3.9	10
122	The Trigger System of the ICARUS Experiment. IEEE Transactions on Nuclear Science, 2006, 53, 2118-2123.	2.0	1
123	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
124	Characterization of ETL 9357FLA photomultiplier tubes for cryogenic temperature applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 556, 146-157.	1.6	41
125	Measurement of through-going particle momentum by means of multiple scattering with the ICARUS T600 TPC. European Physical Journal C, 2006, 48, 667-676.	3.9	36
126	The liquid argon technology for neutrino and astroparticle detectors. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 372-376.	0.4	1

#	ARTICLE	IF	CITATIONS
127	WARP: A WIMP DOUBLE PHASE ARGON DETECTOR. , 2005, , .		0
128	WARP liquid argon detector for dark matter survey. <i>New Astronomy Reviews</i> , 2005, 49, 265-269.	12.8	64
129	Measurements of $\langle \sigma v \rangle$ for $\chi\chi$ annihilation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2005, 02, 005-010. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tbl="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/table-struct/dtd" xmlns:struct="http://www.elsevier.com/xml/common/struct-bib/dtd"</small>	4.1	21
130	Measurement of $\langle \sigma v \rangle$ for $\chi\chi$ annihilation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2005, 02, 005-010. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tbl="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/table-struct/dtd" xmlns:struct="http://www.elsevier.com/xml/common/struct-bib/dtd"</small>	4.1	8
131	Measurement of topological muonic branching ratios of charmed hadrons produced in neutrino-induced charged-current interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 626, 24-34.	4.1	21
132	The trigger system of the ICARUS experiment. , 2005, , .		2
133	Search for superfragments and measurement of the production of hyperfragments in neutrino-nucleus interactions. <i>Nuclear Physics B</i> , 2005, 718, 35-54.	2.5	1
134	Supernova relic neutrinos in liquid argon detectors. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 002-002.	5.4	53
135	Measurement of the $\hat{1}/4$ decay spectrum with the ICARUS liquid Argon TPC. <i>European Physical Journal C</i> , 2004, 33, 233-241.	3.9	50
136	Analysis of the liquid argon purity in the ICARUS T600 TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 516, 68-79.	1.6	55
137	Study of electron recombination in liquid argon with the ICARUS TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 523, 275-286.	1.6	87
138	Design, construction and tests of the ICARUS T600 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 527, 329-410.	1.6	362
139	Experimental study of trimuon events in neutrino charged-current interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 596, 44-53.	4.1	8
140	Measurement of charm production in antineutrino charged-current interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 604, 11-21.	4.1	7
141	Measurement of fragmentation properties of charmed particle production in charged-current neutrino interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 604, 145-156.	4.1	12
142	Measurement of the Z/A dependence of neutrino charged-current total cross-sections. <i>European Physical Journal C</i> , 2003, 30, 159-167.	3.9	7
143	Cross-section measurement for quasi-elastic production of charmed baryons in $\hat{1}/2N$ interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 575, 198-207.	4.1	15
144	Neutrino physics and oscillation studies at CERN. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003, 118, 138-145.	0.4	0

#	ARTICLE	IF	CITATIONS
145	Measurement of $\hat{\nu}_c$ production in neutrino charged-current interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 555, 156-166.	4.1	18
146	Measurement of D_0 production in neutrino charged-current interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 527, 173-181.	4.1	22
147	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
148	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
149	New results from a search for $\hat{\nu}_{1/2} \hat{\nu}_{1/4} \hat{\nu}_{1/2}$, and $\hat{\nu}_{1/2} e \hat{\nu}_{1/2}$, oscillation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 497, 8-22.	4.1	56
150	Observation of weak neutral current neutrino production of J/ψ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 1-9.	4.1	11
151	Leading-order QCD analysis of neutrino-induced dimuon events. European Physical Journal C, 1999, 11, 19.	3.9	49
152	A search for $\hat{\nu}_{1/2} \hat{\nu}_{1/4} \hat{\nu}_{1/2}$, oscillation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 424, 202-212.	4.1	38
153	Experimental search for muonic photons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 200-204.	4.1	4
154	Tracking with capillaries and liquid scintillator. Nuclear Physics, Section B, Proceedings Supplements, 1998, 61, 390-395.	0.4	36
155	Search for $\hat{\nu}_{1/2} \hat{\nu}_{1/4} \hat{\nu}_{1/2}$, oscillation using the $\hat{\nu}_{1/2}$ decay modes into a single charged particle. This paper is dedicated to the memory of Yasushi Ishii, a bright colleague and a good friend, whose loss has caused us great sorrow. 1. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 205-213.	4.1	34
156	Observation of neutrino induced diffractive production and subsequent decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 435, 458-464.	4.1	18
157	Capillary detectors for high resolution tracking. Nuclear Physics, Section B, Proceedings Supplements, 1997, 54, 86-91.	0.4	3
158	Performance of the CHORUS lead-scintillating fiber calorimeter. Nuclear Physics, Section B, Proceedings Supplements, 1997, 54, 198-203.	0.4	1
159	A new vertex detector made of glass capillaries. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 386, 72-80.	1.6	7
160	The CHORUS experiment to search for $\hat{\nu}_{1/2} \hat{\nu}_{1/4} \hat{\nu}_{1/2}$, oscillation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 401, 7-44.	1.6	209
161	The CHORUS experiment. Nuclear Physics, Section B, Proceedings Supplements, 1996, 48, 183-187.	0.4	3
162	Response to electrons and pions of the calorimeter for the CHORUS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 378, 221-232.	1.6	22

#	ARTICLE	IF	CITATIONS
163	A very forward calorimeter for the LHC: Experimental results.. Nuclear Physics, Section B, Proceedings Supplements, 1995, 44, 40-44.	0.4	0
164	Calibration and performance of the CHORUS calorimeter. Nuclear Physics, Section B, Proceedings Supplements, 1995, 44, 45-50.	0.4	1
165	Status report on CHORUS experiment at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 254-257.	1.6	2
166	A liquid scintillator calorimeter for the forward region of an LHC experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 362, 386-394.	1.6	0
167	Search for heavy isosinglet neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 351, 387-392.	4.1	28
168	Search for heavy isosinglet neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 343, 453-458.	4.1	49
169	Experimental study of electromagnetic properties of the muon neutrino in neutrino-electron scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 115-118.	4.1	21
170	A precise measurement of the cross section of the inverse muon decay $\hat{1}/2\hat{1}/4 + e\hat{a}'' \hat{a}^{\dagger} \hat{1}/4\hat{a}^{\dagger} + \hat{1}/2e$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 364, 121-126.	4.1	22
171	Liquid scintillator calorimetry for the LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 240-244.	1.6	4
172	The CHORUS calorimeter: test results. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 197-200.	1.6	1
173	Construction and test of modules of the CHORUS calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 344, 85-91.	1.6	2
174	Construction and test of calorimeter modules for the CHORUS experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 349, 70-80.	1.6	41
175	Flavour universality of neutrino couplings with the z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 320, 203-205.	4.1	18
176	Constraints on additional Z bosons derived from neutrino-electron scattering measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 465-470.	4.1	7
177	Precision measurement of electroweak parameters from the scattering of muon-neutrinos on electrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 246-252.	4.1	152
178	Search for muon to electron neutrino oscillations. Zeitschrift für Physik C-Particles and Fields, 1994, 64, 539-544.	1.5	6
179	Measurement of differential cross sections for muon-neutrino electron scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 302, 351-355.	4.1	34
180	Search for $\hat{1}/2 \hat{a}^{\dagger} \hat{1}/2$ oscillation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 309, 463-468.	4.1	42

#	ARTICLE	IF	CITATIONS
181	Coherent single charged pion production by neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 267-275.	4.1	38
182	Calibration and performance of the CHARM-II detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 325, 92-108.	1.6	32
183	The high resolution calorimeter of the CHORUS experiment. Nuclear Physics, Section B, Proceedings Supplements, 1993, 32, 70-76.	0.4	1
184	Neutral current coupling constants from neutrino-electron scattering. Nuclear Physics, Section B, Proceedings Supplements, 1993, 31, 287-292.	0.4	0
185	New results on inverse muon decay and low multiplicity reactions. Nuclear Physics, Section B, Proceedings Supplements, 1993, 31, 293-300.	0.4	1
186	Neutral current coupling constants from neutrino- and antineutrino-electron scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 281, 159-166.	4.1	36