

Gianmaria Collazuol

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6164784/publications.pdf>

Version: 2024-02-01

356
papers

16,054
citations

20797

60
h-index

21521

114
g-index

360
all docs

360
docs citations

360
times ranked

11142
citing authors

#	ARTICLE	IF	CITATIONS
1	Performances of a resistive Micromegas module for the Time Projection Chambers of the T2K Near Detector upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 957, 163286.	0.7	20
2	Radiation Dose During Relativistic Electron Precipitation Events at the International Space Station. Space Weather, 2020, 18, e2019SW002280.	1.3	3
3	The ENUBET positron tagger prototype: construction and testbeam performance. Journal of Instrumentation, 2020, 15, P08001-P08001.	0.5	10
4	Decay tunnel instrumentation for the ENUBET neutrino beam. Journal of Instrumentation, 2020, 15, C05059-C05059.	0.5	0
5	Gamma-ray spectra from thermal neutron capture on gadolinium-155 and natural gadolinium. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	19
6	Search for Electron Antineutrino Appearance in a Long-Baseline Muon Antineutrino Beam. Physical Review Letters, 2020, 124, 161802.	2.9	13
7	DCR Performance in Neutron-Irradiated CMOS SPADs From 150- to 180-nm Technologies. IEEE Transactions on Nuclear Science, 2020, 67, 1293-1301.	1.2	4
8	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. Nature, 2020, 580, 339-344.	13.7	313
9	Direct Measurement of the Cosmic-Ray Carbon and Oxygen Spectra from ^{12}C and ^{16}O to 10^{10} GeV. Physical Review Letters, 2020, 124, 161802.	2.9	31
10	A high precision narrow-band neutrino beam: The ENUBET project. International Journal of Modern Physics A, 2020, 35, 2044017.	0.5	1
11	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.	1.4	10
12	Irradiation and performance of RGB-HD Silicon Photomultipliers for calorimetric applications. Journal of Instrumentation, 2019, 14, P02029-P02029.	0.5	17
13	Dark Count Rate Distribution in Neutron-Irradiated CMOS SPADs. IEEE Transactions on Electron Devices, 2019, 66, 5230-5237.	1.6	4
14	Search for heavy neutrinos with the T2K near detector ND280. Physical Review D, 2019, 100, .	1.6	46
15	Dark Count Rate Degradation in CMOS SPADs Exposed to X-Rays and Neutrons. IEEE Transactions on Nuclear Science, 2019, 66, 567-574.	1.2	14
16	Search for light sterile neutrinos with the T2K far detector Super-Kamiokande at a baseline of 295 km. Physical Review D, 2019, 99, .	1.6	22
17	Gamma-ray spectrum from thermal neutron capture on gadolinium-157. Progress of Theoretical and Experimental Physics, 2019, 2019, .	1.8	29
18	CALET Results after Three Years on Orbit on the International Space Station. Physics of Atomic Nuclei, 2019, 82, 766-772.	0.1	5

#	ARTICLE	IF	CITATIONS
19	Alpha particles discrimination based on time-over-threshold in a scintillator read-out with SiPM. AIP Conference Proceedings, 2019, , .	0.3	3
20	Sensitivity of Super-Kamiokande with Gadolinium to Low Energy Antineutrinos from Pre-supernova Emission. Astrophysical Journal, 2019, 885, 133.	1.6	34
21	Search for Astronomical Neutrinos from Blazar TXS 0506+056 in Super-Kamiokande. Astrophysical Journal Letters, 2019, 887, L6.	3.0	6
22	Radiation tolerance characterization of Geiger-mode CMOS avalanche diodes for a dual-layer particle detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 695-696.	0.7	4
23	Search for Neutrinos in Super-Kamiokande Associated with the GW170817 Neutron-star Merger. Astrophysical Journal Letters, 2018, 857, L4.	3.0	30
24	Measurement of the single $\bar{\nu}_e$ production rate in neutral current neutrino interactions on water. Physical Review D, 2018, 97, .	1.6	4
25	Crosstalk Characterization of a Two-Tier Pixelated Avalanche Sensor for Charged Particle Detection. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	1.9	5
26	Recent QCD results from the NA48/2 experiment. Nuclear and Particle Physics Proceedings, 2018, 300-302, 126-130.	0.2	0
27	Neural Spike Digital Detector on FPGA. Electronics (Switzerland), 2018, 7, 392.	1.8	11
28	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mn} \rangle 2.2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \tilde{\Delta} = \langle \text{mml:msup} \rangle \langle \text{mml:mn} \rangle 10 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle 21 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle$ Protons on Target. Physical Review Letters, 2018, 121, 171802.	2.9	165
29	Testbeam performance of a shashlik calorimeter with fine-grained longitudinal segmentation. Journal of Instrumentation, 2018, 13, P01028-P01028.	0.5	15
30	Real-time digital implementation of a principal component analysis algorithm for neurons spike detection. , 2018, , .		1
31	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, .	1.6	66
32	Search for the CP-violating strong decays $B \rightarrow K^+ K^+ \bar{K}^0$ and $B \rightarrow K^0 K^0 K^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	1.5	7
33	Search for the suppressed decays $B \rightarrow K^+ K^+ \bar{K}^0$ and $B \rightarrow K^+ K^0 K^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.5	9
34	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	6.5	64
35	Observation of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle J \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \tilde{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \tilde{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Structures Consistent with Exotic States from Amplitude Analysis of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle$ Observation of the Annihilation Decay Mode $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle$	2.9	150
36	Observation of the Annihilation Decay Mode $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle$ Physical Review Letters, 2017, 118, 081801.	2.9	25

#	ARTICLE	IF	CITATIONS
37	First Experimental Study of Photon Polarization in Radiative Bs0 Decays. Physical Review Letters, 2017, 118, 021801	2.9	20
38	Measurement of forward $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{t} \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{t} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \hat{\epsilon}^{3/4} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$, $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{W} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{b} \langle \text{mml:mi} \rangle \langle \text{mml:mover} \rangle$	1.5	7
39	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \text{b} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Quark Production Cross Section in 7 and 13 TeV $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Collisions. Physical Review Letters, 2017, 118, 052002.	2.9	52
40	Measurement of the $\tilde{\Gamma}_{E0}$ electromagnetic transition form factor slope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 38-45.	1.5	27
41	Shashlik Calorimeters With Embedded SiPMs for Longitudinal Segmentation. IEEE Transactions on Nuclear Science, 2017, 64, 1056-1061.	1.2	24
42	Measurement of the phase difference between short- and long-distance amplitudes in the $\$B^+ \rightarrow K^+ \mu^+ \nu_\mu$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
43	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
44	Observation of $B^+ \rightarrow \psi(3770) \mu^+ \nu_\mu$ and $B^+ \rightarrow \psi(3770) \mu^+ \nu_\mu$. European Physical Journal C, 2017, 77, 72.	1.4	7
45	Energy calibration of CALET onboard the International Space Station. Astroparticle Physics, 2017, 91, 1-10.	1.9	39
46	A digital FDIRC prototype for isotopic identification in astroparticle physics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 876, 212-216.	0.7	0
47	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.5	17
48	Searches for lepton number violation and resonances in $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 67-76.	1.5	26
49	Observation of the Decay $\tilde{b} \rightarrow \tilde{a}^+ p \tilde{K}^0$. Physical Review Letters, 2017, 118, 071801.	2.9	9
50	Search for Lorentz and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \text{C} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{P} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ violation using sidereal time dependence of neutrino flavor transitions over a short baseline. Physical Review D, 2017, 95, .	1.6	19
51	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, .	1.6	33
52	Observation of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{c} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \rangle \text{D} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{K} \langle \text{mml:mi} \rangle$ Decays. Physical Review Letters, 2017, 118, 111803.	1.5	18
53	Updated T2K measurements of muon neutrino and antineutrino disappearance using $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mn} \rangle 1.5 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \tilde{A} - \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{K} \langle \text{mml:mi} \rangle$ protons on target. Physical Review D, 2017, 96, .	1.6	23

#	ARTICLE	IF	CITATIONS
73	Measurement of the properties of the Λ_b^- baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
74	Production of associated Υ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
75	Measurement of the CKM angle $\hat{\Gamma}^3$ using $B^0 \rightarrow DK^* \rightarrow DK^* \pi^0$ with $D \rightarrow K^* \pi^0$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	8
76	Measurement of the CKM angle $\hat{\Gamma}^3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
77	Study of the production of Λ_c^+ and Λ_b^0 hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	1.5	77
78	A new algorithm for identifying the flavour of B_c mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
79	Amplitude analysis of $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2016, 94, .	1.6	72
80	Study of B_c^+ decays to the $K^+ K^0$ final state and evidence for the decay $B_c^+ \rightarrow K^+ \pi^0$. Physical Review D, 2016, 94, .	1.6	20
81	Measurement of $C \rightarrow P$ violation in $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2016, 94, .	2.9	12
82	Measurement of the $B \rightarrow D^* \pi^0$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	1.5	6
83	Search for the lepton-flavour violating decay $D^0 \rightarrow \tau^+ \tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
84	Model-independent measurement of the CKM angle $\hat{\Gamma}^3$ using $B^0 \rightarrow DK^* \rightarrow DK^* \pi^0$ and $B^0 \rightarrow DK^* \pi^0$ decays with $D \rightarrow K^* \pi^0$ decays. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
85	First study of the $B \rightarrow D^* \pi^0$ phase and decay width difference in $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2016, 94, .	1.5	17
86	Measurements of long-range near-side angular correlations in $B \rightarrow D^* \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	1.5	19
87	Search for B_c^+ decays to the $\pi^+ \pi^0$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	1.5	12
88	Observation of the $B \rightarrow D^* \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
89	Measurement of CP observables in $B \rightarrow D^* \pi^0$ and $B \rightarrow D^* \pi^0$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	1.5	20
90	Measurement of the $B \rightarrow D^* \pi^0$ asymmetry in $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2016, 94, .	2.9	22

#	ARTICLE	IF	CITATIONS
109	Final kinetic energy, and neutron multiplicity correlations in the binary fragmentation of ^{50}Ti at 20.4 MeV bombarding ^{208}Pb . <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.1	9
110	Study of D_s^* mesons decaying to $D^* K$ and $D^* K^*$ final states. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	13
111	Pulse Shape Discrimination in Polysiloxane-Based Liquid Scintillator. <i>IEEE Transactions on Nuclear Science</i> , 2016, , 1-8.	1.2	1
112	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, .	1.6	59
113	Study of $\tilde{\chi}^0(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	14
114	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2016, 2016, .	1.6	13
115	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	100
116	First observation of the decay $B^0 \rightarrow K^+ K^- K^0$ at LHCb. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	5
117	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	8
118	First observation of the decay $D^0 \rightarrow K^+ K^-$ in the 10% region of the dimuon mass spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 757, 558-567.	1.5	13
119	Digital FDIRC: A focused differential internal reflection Cherenkov imaged by SiPM arrays. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 824, 635-639.	0.7	2
120	Angular analysis of the $B^0 \rightarrow K^* K^0$ decay using 3 fb $^{-1}$ of integrated luminosity. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	304
121	CALET UPPER LIMITS ON X-RAY AND GAMMA-RAY COUNTERPARTS OF GW151226. <i>Astrophysical Journal Letters</i> , 2016, 829, L20.	3.0	20
122	Neutrino oscillation physics potential of the T2K experiment. <i>Progress of Theoretical and Experimental Physics</i> , 2015, 2015, .	1.8	32
123	Study of CP violation in $B^0 \rightarrow D^+ K^-$ ($h = K, \pi$) with the modes $D^+ K^-$ and $D^+ K^0$. <i>Physical Review D</i> , 2015, 91, .	1.6	14
124	Study of $B^0 \rightarrow D^+ K^-$ decay. <i>Physical Review D</i> , 2015, 92, .		
125	First Observation of Top Quark Production in the Forward Region. <i>Physical Review Letters</i> , 2015, 115, 112001.	2.9	22
126	Evidence for the Strangeness-Changing Weak Decay $B^0 \rightarrow D^+ K^-$. <i>Physical Review D</i> , 2015, 92, .	2.9	25

#	ARTICLE	IF	CITATIONS
163	Precision tests of the Standard Model with Kaon decays at CERN. Journal of Physics: Conference Series, 2015, 631, 012040.	0.3	1
164	The CALorimetric Electron Telescope (CALET) for high-energy astroparticle physics on the International Space Station. Journal of Physics: Conference Series, 2015, 632, 012023.	0.3	8
165	The CALorimetric Electron Telescope (CALET) for high-energy astroparticle physics on the International Space Station. EPJ Web of Conferences, 2015, 95, 04056.	0.1	1
166	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	14
167	Angular analysis of the $B_0 \rightarrow K^* e^+ e^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
168	Determination of the branching fractions of $B \rightarrow S O \rightarrow \bar{a} \rightarrow D S \rightarrow K \rightarrow \bar{a}$ and $B \rightarrow O \rightarrow \bar{a} \rightarrow D S \rightarrow K$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
169	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	1.4	11
170	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.	1.8	157
171	Observation of the $B_0 \rightarrow \pi^0 \pi^0$ decay from an amplitude analysis of $B_0 \rightarrow \pi^+ (\rho^+ \rightarrow \pi^+ \pi^0) (\rho^0 \rightarrow \pi^+ \pi^-)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
172	Measurement of the lifetime of the B_c using the $B_c \rightarrow B \pi$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 479-484.	1.5	29
173	Observation of Two New B_c States. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 485-490.	2.9	47
174	Measurement of the CP-violating phase β_1 in $B \rightarrow \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 38-49.	1.5	31
175	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
176	Study of the rare $B \rightarrow K^* \pi^+ \pi^-$ and $B_0 \rightarrow \pi^+ \pi^- \pi^0$ decays into the $\rho^+ \rho^0$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	1.5	17
177	Asymmetry in $B \rightarrow K^* \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	2.9	32
178	Search for short baseline ν_e disappearance with the T2K near detector. Physical Review D, 2015, 91, 113004.	1.6	14
179	Precision Measurement of $B \rightarrow K^* \pi^+ \pi^-$ Violation in $B \rightarrow K^* \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	2.9	65
180	Measurement of $B \rightarrow K^* \pi^+ \pi^-$ in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 132001.	2.9	61

#	ARTICLE	IF	CITATIONS
181	LHCb detector performance. International Journal of Modern Physics A, 2015, 30, 1530022.	0.5	604
182	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
183	Search for CP violation in $B \rightarrow D^* \pi$ decays. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	1.6	13
184	Study of $B \rightarrow D^* \pi$ mixing from measurement of $B \rightarrow D^* \pi$ (ΔE) decay rates. Journal of High Energy Physics, 2015, .	1.6	13
185	Measurement of the Z+b-jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
186	Search for the lepton flavour violating decay $B \rightarrow D^* \tau \nu$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	32
187	Precise measurements of the properties of the $B(5721)_{0,+}$ and $B(5747)_{0,+}$ states and observation of B_{c1} mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
188	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	1.6	17
189	Observation of the rare $B_s^0 \rightarrow \mu^+ \mu^-$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	13.7	390
190	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	0.5	42
191	Measurement of the Inclusive Electron Neutrino Charged Current Cross Section on Carbon with the T2K Near Detector. Physical Review Letters, 2014, 113, 241803.	2.9	44
192	Charged Particle Detection with NUV-Sensitive SiPM in a Beam of Relativistic Ions. IEEE Transactions on Nuclear Science, 2014, 61, 2786-2793.	1.2	13
193	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. Physical Review D, 2014, 89, .	1.6	26
194	Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation rays. Physical Review D, 2014, 90, .	1.6	20
195	Novel 3D silicon sensors for neutron detection. Journal of Instrumentation, 2014, 9, C05001-C05001.	0.5	11
196	Design of a neutrino source based on beta beams. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	7
197	Status and performance of the CALorimetric Electron Telescope (CALET) on the International Space Station. Nuclear Physics, Section B, Proceedings Supplements, 2014, 256-257, 225-232.	0.5	8
198	Precision Measurement of the Mass and Lifetime of the B_c . Physical Review Letters, 2014, 113, 242002.	2.9	39

#	ARTICLE	IF	CITATIONS
199	A new study of $^{25}\text{Mg}(\alpha, n)^{28}\text{Si}$ angular distributions at $E_{\alpha} = 3\text{--}5$ MeV. <i>European Physical Journal A</i> , 2014, 50, 1.	1.0	6
200	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. <i>Physical Review Letters</i> , 2014, 112, 061802.	2.9	369
201	Experimental study of the microwave emission from electrons in air. <i>Physical Review D</i> , 2014, 90, .	1.6	9
202	Measurement of the inclusive $\langle \sigma_{\text{ch}} \rangle$ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. <i>Physical Review D</i> , 2014, 90, .	1.6	38
203	Precise Measurement of the Neutrino Mixing Parameter θ_{13} from Muon Neutrino Disappearance in an Off-Axis Beam. <i>Physical Review Letters</i> , 2014, 112, 181801.	2.9	168
204	Detailed study of the $K \rightarrow \pi^0 \pi^0$ decay properties. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	5
205	Red Emitting Phenyl-Polysiloxane Based Scintillators for Neutron Detection. <i>IEEE Transactions on Nuclear Science</i> , 2014, 61, 2052-2058.	1.2	15
206	A new measurement of the $K \rightarrow \pi^0 \pi^0$ decay at the NA48/2 experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 732, 65-74.	1.6	11
207	Measurement of the $K \rightarrow \pi^0 \pi^0$ decay by the NA62 experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 732, 65-74.	1.6	11
208	Recent Results from the T2K Experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014, 246-247, 23-28.	0.5	2
209	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014, 9, P12005-P12005.	0.5	110
210	Angular Distribution and Cross Section Measurement of the $^6\text{Li}(^3\text{He}, n)^8\text{B}$ Reaction at 5.8 MeV. <i>EPJ Web of Conferences</i> , 2014, 66, 03048.	0.1	3
211	A PCIe Gen3 based readout for the LHCb upgrade. <i>Journal of Physics: Conference Series</i> , 2014, 513, 012023.	0.3	15
212	Novel Scintillating Materials Based on Phenyl-Polysiloxane for Neutron Detection and Monitoring. <i>Springer Proceedings in Physics</i> , 2014, , 151-157.	0.1	1
213	Measurement of the branching ratio of the decay $K \rightarrow \pi^0 \pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 720, 105-110.	1.6	11
214	A precision measurement of charm dimuon production in neutrino interactions from the NOMAD experiment. <i>Nuclear Physics B</i> , 2013, 876, 339-375.	0.9	59
215	T2K neutrino flux prediction. <i>Physical Review D</i> , 2013, 87, .	1.6	165
216	Measurement of the inclusive $\langle \sigma_{\text{ch}} \rangle$ charged current cross section on carbon in the near detector of the T2K experiment. <i>Physical Review D</i> , 2013, 87, .	1.6	94

#	ARTICLE	IF	CITATIONS
217	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. <i>Physical Review Letters</i> , 2013, 111, 211803.	2.9	79
218	Hybrid detectors for neutrons combining phenyl-polysiloxanes with 3D silicon detectors. , 2013, , .		3
219	Red emitting phenyl-polysiloxane based scintillators for neutron detection. , 2013, , .		0
220	Study of H-8500 MaPMT for the FDIRC detector at SuperB. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 563-565.	0.7	0
221	A particle identification detector for the forward region of the SuperB experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 557-559.	0.7	2
222	Front-end electronics for the SuperB charged particle identification detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 186-188.	0.7	2
223	Progress on development of the new FDIRC PID detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 541-545.	0.7	9
224	Proof of concept of an imaging system demonstrator for PET applications with SiPM. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 720, 67-69.	0.7	1
225	Precision measurement of the ratio of the charged kaon leptonic decay rates. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 326-336.	1.5	88
226	The ring imaging Cherenkov detector of the NA62 experiment at CERN. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 732, 342-345.	0.7	3
227	Evidence of electron neutrino appearance in a muon neutrino beam. <i>Physical Review D</i> , 2013, 88, .	1.6	116
228	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D 87, 012001 (2013)]. <i>Physical Review D</i> , 2013, 87, .	1.6	40
229	High intensity neutrino oscillation facilities in Europe. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2013, 16, .	1.8	25
230	Hybrid detectors of neutrons based on 3D silicon sensors with PolySiloxane converter. , 2013, , .		3
231	First muon-neutrino disappearance study with an off-axis beam. <i>Physical Review D</i> , 2012, 85, .	1.6	77
232	Real-time use of GPUs in NA62 experiment. , 2012, , .		1
233	New measurement of the $\langle \sigma_{\text{SI}} \rangle$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 715, 105-115.	1.5	16
234	Timing performances of a data acquisition system for Time of Flight PET. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 695, 210-212.	0.7	9

#	ARTICLE	IF	CITATIONS
235	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.	0.7	86
236	Fast online triggering in high-energy physics experiments using GPUs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 662, 49-54.	0.7	18
237	A search for single photon events in neutrino interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 706, 268-275.	1.5	26
238	The T2K experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 106-135.	0.7	585
239	Development and characterization of a modular acquisition system for a 4D PET block detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 494-498.	0.7	10
240	Studies of silicon photomultipliers at cryogenic temperatures. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 389-392.	0.7	50
241	GPUs for fast pattern matching in the RICH of the NA62 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 639, 267-270.	0.7	0
242	Characterization of Ca co-doped LSO:Ce scintillators coupled to SiPM for PET applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 423-425.	0.7	6
243	GPUs for fast triggering and pattern matching at the CERN experiment NA62. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 639, 267-270.	0.7	5
244	Precision measurement of the ratio $\frac{\Gamma(\text{B} \rightarrow \text{K}^* \mu^+ \mu^-)}{\Gamma(\text{B} \rightarrow \text{K}^* e^+ e^-)}$. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 639, 267-270.	1.5	4
245	Test of lepton flavour universality in $\text{B} \rightarrow \text{K}^* \mu^+ \mu^-$ decays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 639, 267-270.	1.5	60
246	Indication of Electron Neutrino Appearance from an Accelerator-Produced Off-Axis Muon Neutrino Beam. Physical Review Letters, 2011, 107, 041801.	2.9	1,054
248	Characterization and test of a data acquisition system for PET. , 2011, , .		1
249	Signal shape of a PET detector based on LSO:Ce,Ca crystals and SiPM. , 2011, , .		1
250	Measurement of the direct emission and interference terms and search for CP violation in the decay $\text{K}^0 \rightarrow \pi^+ \pi^- \pi^0$. European Physical Journal C, 2010, 68, 75-87.	1.4	23
251	Precise tests of low energy QCD from $\text{K}^0 \rightarrow \pi^+ \pi^- \pi^0$ decay properties. European Physical Journal C, 2010, 70, 635-657.	1.4	101
252	The NA62 RICH detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 327-329.	0.7	0

#	ARTICLE	IF	CITATIONS
253	Empirical parameterization of the $K \rightarrow \pi^0 \pi^0$ decay Dalitz plot. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 696, 101-108.		
254	New precise measurements of the $K \rightarrow \pi^0 \pi^0$ decay asymmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 241-248.	1.5	8
255	The trigger and DAQ system for the NA62 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 543-545.	0.7	15
256	Pion \rightarrow Muon separation with a RICH prototype for the NA62 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 621, 205-211.	0.7	50
257	A 4D-PET block detector based on Silicon Photomultipliers. , 2010, , .		3
258	A trigger system based on Graphics Processing Unit (GPU). , 2010, , .		1
259	Monolithic 64-channel SiPM matrices for small animal PET. , 2009, , .		11
260	GPUs for fast triggering and pattern matching at the CERN experiment NA62. , 2009, , .		3
261	Calibration and performances of a multichannel DAQ system for Silicon Photomultiplier (SiPM) matrices in PET applications. , 2009, , .		1
262	The TDC based integrated trigger system of the NA62 experiment at CERN. , 2009, , .		1
263	First results in the application of silicon photomultiplier matrices to small animal PET. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 610, 196-199.	0.7	17
264	Characterization of a prototype matrix of Silicon PhotoMultipliers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 610, 101-104.	0.7	6
265	Measurement of the polarization of the $K \rightarrow \pi^0 \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 696, 101-108.	1.5	55
266	A measurement of coherent neutral pion production in neutrino neutral current interactions in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 177-184.	1.5	0
267	A study of quasi-elastic muon neutrino and antineutrino scattering in the NOMAD experiment. European Physical Journal C, 2009, 63, 355-381.	1.4	193
269	Determination of the S-wave $\pi^0 \pi^0$ scattering lengths from a study of $K \rightarrow \pi^0 \pi^0$ decays. European Physical Journal C, 2009, 64, 589-608.	1.4	61
270	Energy, Timing and Position Resolution Studies With 16-Pixel Silicon Photomultiplier Matrices for Small Animal PET. IEEE Transactions on Nuclear Science, 2009, 56, 2586-2593.	1.2	36

#	ARTICLE	IF	CITATIONS
271	Energy and Timing Resolution Studies With Silicon Photomultipliers (SiPMs) and 4-Pixel SiPM Matrices for PET. IEEE Transactions on Nuclear Science, 2009, 56, 543-548.	1.2	21
272	Characteristics of a prototype matrix of Silicon PhotoMultipliers (SiPM). Journal of Instrumentation, 2009, 4, P03016-P03016.	0.5	7
273	Construction and test of a RICH prototype for the NA62 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 593, 314-318.	0.7	37
274	First observation and measurement of the decay $K \rightarrow \pi^0 \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 493-499.	1.5	15
275	Measurement of the ratio $\sigma_{\text{tot}}/\sigma_{\text{el}}(s)$ for an isoscalar target in the energy range $2.5 < \sqrt{s} < 17.2$ GeV by NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 19-25.	1.5	73
276	New high statistics measurement of Ke4 decay form factors and $\pi\pi$ scattering phase shifts. European Physical Journal C, 2008, 54, 411.	1.4	98
277	An FPGA based DAQ system for the readout of SiPM matrices in PET applications. , 2008, , .		1
278	Novel Silicon Photomultipliers for PET Applications. IEEE Transactions on Nuclear Science, 2008, 55, 877-881.	1.2	25
279	Evaluation of the first Silicon Photomultiplier matrices for a small animal PET scanner. , 2008, , .		6
280	Fast FPGA-based Trigger and Data Acquisition System for the CERN Experiment NA62: Architecture and Algorithms. , 2008, , .		1
281	Preliminary results from a current mode CMOS front-end circuit for silicon photomultiplier detectors. , 2007, , .		22
282	Silicon photomultipliers and SiPM matrices as photodetectors in nuclear medicine. , 2007, , .		21
283	Single photon timing resolution and detection efficiency of the IRST silicon photo-multipliers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 461-464.	0.7	68
284	Development of the first prototypes of Silicon PhotoMultiplier (SiPM) at ITC-irst. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 422-426.	0.7	33
285	The beam and detector for the NA48 neutral kaon CP violation experiment at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 571, 42-47.	0.7	174
286	Measurement of the ratio $\sigma_{\text{tot}}/\sigma_{\text{el}}(s)$ for an isoscalar target in the energy range $2.5 < \sqrt{s} < 17.2$ GeV by NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 19-25.	1.5	19
287	Measurement of the ratio $\sigma_{\text{tot}}/\sigma_{\text{el}}(s)$ for an isoscalar target in the energy range $2.5 < \sqrt{s} < 17.2$ GeV by NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 19-25.	1.5	21
288	Measurement of the ratio $\sigma_{\text{tot}}/\sigma_{\text{el}}(s)$ for an isoscalar target in the energy range $2.5 < \sqrt{s} < 17.2$ GeV by NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 19-25.	1.5	33

#	ARTICLE	IF	CITATIONS
289	Measurement of the Dalitz plot slope parameters of the $K_S^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 145-150.	1.5	12
290	Search for the exotic $\tilde{\Gamma}^+$ resonance in the NOMAD experiment. European Physical Journal C, 2007, 49, 499-510.	1.5	5
291	Determination of the relative decay rate. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 145-150.	1.5	6
292	Search for the exotic $\tilde{\Gamma}^+$ resonance in the NOMAD experiment. European Physical Journal C, 2007, 49, 499-510.	1.4	8
293	Measurements of charged kaon semileptonic decay branching fractions $K_{S,L}^0 \rightarrow \pi^+ \pi^- \ell^+ \ell^-$ and $K_{S,L}^0 \rightarrow \pi^+ \pi^- \ell^+ \nu_\ell$ and their ratio. European Physical Journal C, 2007, 50, 329-340.	1.4	19
294	Search for direct CP violating charge asymmetries in $K_{S,L}^0 \rightarrow \pi^+ \pi^- \ell^+ \ell^-$ and $K_{S,L}^0 \rightarrow \pi^+ \pi^- \ell^+ \nu_\ell$ decays. European Physical Journal C, 2007, 52, 875-891.	1.4	89
295	New results on the characterization of ITC-irst Silicon Photomultipliers. , 2006, , .		7
296	Novel Silicon Photomultipliers for PET Application. , 2006, , .		2
297	Search for direct CP violation in the decays $K_{S,L}^0 \rightarrow \pi^+ \pi^- \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 117-120.	1.5	119
298	Search for CP violation in $K_{S,L}^0 \rightarrow \pi^+ \pi^- \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 117-120.	1.5	11
299	Production properties of $K^*(892)^0$ vector mesons and their spin alignment as measured in the NOMAD experiment. European Physical Journal C, 2006, 46, 69-79.	1.4	8
300	Direct CP Violation in Charged Kaon Decays by the NA48/2 Experiment at CERN. Nuclear Physics, Section B, Proceedings Supplements, 2005, 142, 293-298.	0.5	0
301	Search for CP violation in $K_{S,L}^0 \rightarrow \pi^+ \pi^- \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 117-120.	1.5	7
302	Search for CP violation in $K_{S,L}^0 \rightarrow \pi^+ \pi^- \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 117-120.	1.5	15
303	A measurement of the CP conserving component of the decay $K_{S,L}^0 \rightarrow \pi^+ \pi^- \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 276-284.	1.5	6
304	Search for CP violation in $K_{S,L}^0 \rightarrow \pi^+ \pi^- \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 117-120.	1.5	5
305	First observation of the $K_S^0 \rightarrow \pi^+ \pi^- \ell^+ \ell^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 276-284.	1.5	9
306	Measurement of the $\tilde{\Gamma}^0 \rightarrow \pi^+ \pi^- \ell^+ \ell^-$ decay asymmetry and branching fraction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 584, 251-259.	1.5	7

#	ARTICLE	IF	CITATIONS
307	Measurement of the branching ratio and form factors for the decay $KL_s^+ \rightarrow \pi^+ e^+ e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 75-85.	1.5	4
308	Observation of the rare decay $KL_s^+ \rightarrow \pi^+ e^+ e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 75-85.	1.5	35
309	Measurement of the branching ratio and form factors for the decay $KL_s^+ \rightarrow \pi^+ e^+ e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 75-85.	1.5	35
310	Measurement of the branching ratio of the decay and extraction of the CKM parameter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 41-51.	1.5	49
311	Final results from an extensive ageing test of bakelite Resistive Plate Chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 107-111.	0.7	11
312	Bose-Einstein correlations in charged current muon-neutrino interactions in the NOMAD experiment at CERN. Nuclear Physics B, 2004, 686, 3-28.	0.9	3
313	A study of strange particles produced in neutrino neutral current interactions in the NOMAD experiment. Nuclear Physics B, 2004, 700, 51-68.	0.9	8
314	Investigation of $K_{L,S} \rightarrow \pi^+ \pi^- e^+ e^-$ decays. European Physical Journal C, 2003, 30, 33-49.	1.4	32
315	Search for $\mu \rightarrow e \gamma$ oscillations in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 570, 19-31.	1.5	163
316	Observation of the rare decay $KS^+ \rightarrow \pi^+ e^+ e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 43-54.	1.5	46
317	Prediction of neutrino fluxes in the NOMAD experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 515, 800-828.	0.7	49
318	First results from an aging test of a prototype RPC for the LHCb Muon System. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 515, 348-353.	0.7	4
319	A model for RPC detectors operating at high rate. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 498, 135-142.	0.7	25
320	Precise measurements of the $KS^+ \rightarrow \pi^+ \pi^0$ and $KL^+ \rightarrow \pi^+ \pi^0$ decay rates. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 7-15.	1.5	20
321	Search for the decay $KS^+ \rightarrow \pi^+ \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 556, 105-113.	1.5	8
322	Preliminary results of an aging test of RPC chambers for the LHCb Muon System. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 508, 166-169.	0.7	1
323	A study of strange particle production in $\mu \rightarrow e \gamma$ charged current interactions in the NOMAD experiment. Nuclear Physics B, 2002, 621, 3-34.	0.9	28
324	New results on a search for a 33.9 MeV/c ² neutral particle from \bar{K}^0 decay in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 527, 23-28.	1.5	10

#	ARTICLE	IF	CITATIONS
325	Study of $D_s^+ \rightarrow \pi^+ \pi^0$ production in $\hat{1}/2 \hat{1}/4$ charged current interactions in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 278-286.	1.5	16
326	New measurements of the $\hat{1}$ - and K_0 masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 533, 196-206.	1.5	25
327	A measurement of the K_S lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 537, 28-40.	1.5	12
328	A precision measurement of direct CP violation in the decay of neutral kaons into two pions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 544, 97-112.	1.5	179
329	Inclusive production of $\hat{0}(770)$, $f_0(980)$ and $f_2(1270)$ mesons in $\hat{1}/2 \hat{1}/4$ charged current interactions. Nuclear Physics B, 2001, 601, 3-23.	0.9	16
330	Measurement of the polarization in $\hat{1}/2 \hat{1}/4$ charged current interactions in the NOMAD experiment. Nuclear Physics B, 2001, 605, 3-14.	0.9	36
331	A study of backward going p and \hat{e}^+ in interactions with the NOMAD detector. Nuclear Physics B, 2001, 609, 255-279.	0.9	15
332	Final NOMAD results on $\hat{1}/2 \hat{1}/4 \hat{a}^+ \hat{1}/2 \hat{1}$, and $\hat{1}/2 e \hat{a}^+ \hat{1}/2 \hat{1}$, oscillations including a new search for $\hat{1}/2 \hat{1}$, appearance using hadronic $\hat{1}$, decays. Nuclear Physics B, 2001, 611, 3-39.	0.9	117
333	A precise measurement of the direct CP violation parameter $\text{Re}(\epsilon'/\epsilon)$. European Physical Journal C, 2001, 22, 231-254.	1.4	102
334	Search for heavy neutrinos mixing with tau neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 506, 27-38.	1.5	102
335	Search for the decay $K_S \rightarrow \hat{e}^0 e^+ e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 514, 253-262.	1.5	12
336	Measurement of the quadratic slope parameter in the $KL \rightarrow 3\hat{e}^0$ decay Dalitz plot. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 515, 261-268.	1.5	4
337	Hadronic models and experimental data for the neutrino beam production. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 449, 609-623.	0.7	31
338	Search for eV (pseudo)scalar penetrating particles in the SPS neutrino beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 371-380.	1.5	19
339	Updated results from the $\hat{1}/2 \hat{1}$, appearance search in NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 483, 387-404.	1.5	18
340	Neutrino production of opposite sign dimuons in the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 35-48.	1.5	44
341	A new measurement of the branching ratio of $KS \rightarrow \hat{A}^3 \hat{1}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 493, 29-35.	1.5	6
342	Observation of the decay $KS \rightarrow \hat{e}^+ \hat{e}^- e^+ e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 496, 137-144.	1.5	11

#	ARTICLE	IF	CITATIONS
343	Limit on $\hat{1}/2\hat{e}\hat{1}/2\hat{I}$, oscillations from the NOMAD experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 471, 406-410.	1.5	11
344	Measurement of the polarization in charged current interactions in the NOMAD experiment. Nuclear Physics B, 2000, 588, 3-36.	0.9	75
345	Precision measurement of scaled momentum, charge multiplicity, and thrust in $\hat{1}/2\hat{1}/4N$ and interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 445, 439-448.	1.5	10
346	A more sensitive search for $\hat{1}/2\hat{1}/4\hat{1}/2\hat{I}$, oscillations in NOMAD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 169-186.	1.5	33
347	Measurement of the decay rate and form factor parameter in the decay $KL\hat{1}/2'e+e\hat{1}/2\hat{I}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 458, 553-563.	1.5	13
348	A new measurement of direct CP violation in two pion decays of the neutral kaon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 335-348.	1.5	262
349	Parameterization of e and $\hat{1}/3$ initiated showers in the NOMAD lead-glass calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 425, 188-209.	0.7	12
350	Measurement of charged particle production from 450 GeV/c protons on beryllium. European Physical Journal C, 1999, 10, 605.	1.4	42
351	Pion yield from 450 GeV/c protons on beryllium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 425, 208-214.	1.5	22
352	Search for a new gauge boson in $\hat{1}/0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 428, 197-205.	1.5	35
353	A study of the transverse fluctuations of hadronic showers in the NOMAD electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 411, 285-303.	0.7	23
354	$K/\hat{1}/e$ production ratios from 450 GeV/c protons on beryllium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 420, 225-232.	1.5	18
355	A search for $\hat{1}/2\hat{1}/4\hat{1}/2\hat{I}$, oscillations using the NOMAD detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 431, 219-236.	1.5	51
356	Test beam performance of the electromagnetic calorimeter of the NOMAD experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 387, 352-364.	0.7	21