

Jan Kisiel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

173
papers

7,165
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177
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7,998
ext. citations

3.9
avg, IF

3.53
L-index

#	Paper	IF	Citations
173	Indication of electron neutrino appearance from an accelerator-produced off-axis muon neutrino beam. <i>Physical Review Letters</i> , 2011 , 107, 041801	7.4	946
172	The T2K experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 659, 106-135	1.2	425
171	Observation of electron neutrino appearance in a muon neutrino beam. <i>Physical Review Letters</i> , 2014 , 112, 061802	7.4	303
170	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	1.2	278
169	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with 6.6×10^{20} protons on target. <i>Physical Review D</i> , 2015 , 91,	4.9	170
168	Constraint on the matter-antimatter symmetry-violating phase in neutrino oscillations. <i>Nature</i> , 2020 , 580, 339-344	50.4	148
167	Exotic Ξ state in annihilation at rest into $\Xi\pi$ spectator. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 423, 175-184	4.2	139
166	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	7.4	137
165	T2K neutrino flux prediction. <i>Physical Review D</i> , 2013 , 87,	4.9	128
164	Measurements of cross sections and charged pion spectra in proton-carbon interactions at 31 GeV/c. <i>Physical Review C</i> , 2011 , 84,	2.7	127
163	NA61/SHINE facility at the CERN SPS: beams and detector system. <i>Journal of Instrumentation</i> , 2014 , 9, P06005-P06005	1	126
162	Observation of two $J^{PC}=0^{++}$ isoscalar resonances at 1365 and 1520 MeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 323, 233-241	4.2	118
161	Coupled channel analysis of pp annihilation into $\pi\pi\pi$, $\pi\pi\pi\pi$ and $\pi\pi\pi\pi\pi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 425-432	4.2	116
160	High-statistics study of $f_0(1500)$ decay into $\pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 342, 433-439	4.2	113
159	Observation of a new $I(GJPC)=1(0^{++})$ resonance at 1450 MeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 333, 277-282	4.2	106
158	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. <i>Physical Review Letters</i> , 2017 , 118, 151801	7.4	103
157	Evidence of electron neutrino appearance in a muon neutrino beam. <i>Physical Review D</i> , 2013 , 88,	4.9	100

156	Search for CP Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with 2.2×10^{21} Protons on Target. <i>Physical Review Letters</i> , 2018 , 121, 171802	7.4	96
155	Large underground, liquid based detectors for astro-particle physics in Europe: scientific case and prospects. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007 , 2007, 011-011	6.4	91
154	Underground operation of the ICARUS T600 LAr-TPC: first results. <i>Journal of Instrumentation</i> , 2011 , 6, P07011-P07011	1	87
153	Evidence for a \mathbb{P} -wave in $\pi^+\pi^-$ annihilations at rest into $\mu^+\mu^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 446, 349-355	4.2	78
152	Measurement of the inclusive μ^+ charged current cross section on carbon in the near detector of the T2K experiment. <i>Physical Review D</i> , 2013 , 87,	4.9	76
151	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	1.2	74
150	Measurement of negatively charged pion spectra in inelastic p+p interactions at $(p_{\text{lab}} = 20, 31, 40, 80 \text{ and } 158 \text{ GeV}/c)$. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	73
149	First muon-neutrino disappearance study with an off-axis beam. <i>Physical Review D</i> , 2012 , 85,	4.9	72
148	Measurement of production properties of positively charged kaons in proton-carbon interactions at 31 GeV/c. <i>Physical Review C</i> , 2012 , 85,	2.7	72
147	Measurement of neutrino and antineutrino oscillations by the T2K experiment including a new additional sample of μ^+ interactions at the far detector. <i>Physical Review D</i> , 2017 , 96,	4.9	70
146	Measurements of the T2K neutrino beam properties using the INGRID on-axis near detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012 , 694, 211-223	1.2	68
145	Measurement of neutrino oscillation parameters from muon neutrino disappearance with an off-axis beam. <i>Physical Review Letters</i> , 2013 , 111, 211803	7.4	64
144	Measurements of (π^{\pm}) , (K^{\pm}) , (K^0_S) , (Λ) and proton production in proton-carbon interactions at 31 GeV/c with the NA61/SHINE spectrometer at the CERN SPS. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	61
143	The pseudoscalar mixing angle θ_{13} from $\mu^+\mu^-$ production in annihilation at rest. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 294, 451-456	4.2	61
142	Technical design report for the (overline{P})ANDA (AntiProton Annihilations at Darmstadt) Straw Tube Tracker. <i>European Physical Journal A</i> , 2013 , 49, 1	2.5	60
141	$p\bar{p}$ annihilation at rest into K^+K^- . <i>Physical Review D</i> , 1998 , 57, 3860-3872	4.9	56
140	Measurement of double-differential muon neutrino charged-current interactions on C8H8 without pions in the final state using the T2K off-axis beam. <i>Physical Review D</i> , 2016 , 93,	4.9	55
139	Observation of radiative annihilation into a ρ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 363-370	4.2	54

138	Search for anomalies in the Λ appearance from a μ beam. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	53
137	Experimental search for the $\bar{\nu}_\mu$ SND anomaly with the ICARUS detector in the CNGS neutrino beam. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	53
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	1.2	49
135	Λ threshold enhancement in $p\bar{p}$ annihilations into $\Lambda\bar{\Lambda}$ at rest. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 340, 259-263	4.2	48
134	High statistics study of $\Lambda(1500)$ s decay into $\Lambda\pi$ <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 353, 571-577	4.2	46
133	The T2K Side Muon Range Detector (SMRD). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 698, 135-146	1.2	44
132	Λ decays to $\Lambda\pi$ annihilation at rest. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 358, 389-398	4.2	44
131	A study of $\Lambda(1500)$ decays into $\Lambda\pi$ in $p\bar{p}$ at rest. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 380, 453-460	4.2	43
130	Observation of $\Lambda(1500)$ decay into $\Lambda\pi\pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 385, 425-432	4.2	43
129	Measurement of the neutrino velocity with the ICARUS detector at the CNGS beam. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 17-22	4.2	42
128	Measurement of the Λ decay spectrum with the ICARUS liquid Argon TPC. <i>European Physical Journal C</i> , 2004 , 33, 233-241	4.2	41
127	Observation of a scalar resonance decaying to $\Lambda\pi\pi$ in annihilation at rest. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 322, 431-440	4.2	38
126	Measurement of the decay distribution of $\Lambda(1500)$ and evidence for the box anomaly. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 402, 195-206	4.2	37
125	Characterization of ETL 9357FLA photomultiplier tubes for cryogenic temperature applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 556, 146-157	1.2	37
124	P- versus S-wave at rest in LH2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 297, 214-218	4.2	37
123	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. <i>Physical Review D</i> , 2018 , 98,	4.9	34
122	Measurement of the Λ charged-current quasielastic cross section on carbon with the ND280 detector at T2K. <i>Physical Review D</i> , 2015 , 92,	4.9	34
121	Measurement of the inclusive electron neutrino charged current cross section on carbon with the T2K near detector. <i>Physical Review Letters</i> , 2014 , 113, 241803	7.4	34

120	Performance of a liquid argon time projection chamber exposed to the CERN West Area Neutrino Facility neutrino beam. <i>Physical Review D</i> , 2006 , 74,	4.9	34
119	Measurement of through-going particle momentum by means of multiple scattering with the ICARUS T600 TPC. <i>European Physical Journal C</i> , 2006 , 48, 667-676	4.2	32
118	Measurement of the inclusive $\bar{\nu}$ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. <i>Physical Review D</i> , 2014 , 90,	4.9	30
117	Measurement of the $\bar{\nu}$ charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. <i>Physical Review D</i> , 2015 , 91,	4.9	29
116	4(π)-decays of scalar and vector mesons. <i>European Physical Journal C</i> , 2001 , 21, 261-269	4.2	29
115	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D 87, 012001 (2013)]. <i>Physical Review D</i> , 2013 , 87,	4.9	28
114	Antiproton-proton annihilation at rest into $\pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 362-370	4.2	28
113	Multiplicity and transverse momentum fluctuations in inelastic proton-proton interactions at the CERN Super Proton Synchrotron. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	27
112	Neutrino oscillation physics potential of the T2K experiment. <i>Progress of Theoretical and Experimental Physics</i> , 2015 , 2015,	5.4	27
111	Study of (f_0) decays into four neutral pions. <i>European Physical Journal C</i> , 2001 , 19, 667-675	4.2	27
110	High-mass η -meson states from p d-annihilation at rest into $\pi\pi\pi$ spectator. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 391, 191-196	4.2	26
109	Antiproton-proton annihilation at rest into $K_L K_S \pi\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 415, 280-288	4.2	26
108	Decay dynamics of the process $\bar{p}p$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 417, 193-196	4.2	26
107	Observation of long ionizing tracks with the ICARUS T600 first half-module. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 508, 287-294	1.2	25
106	First measurement of the muon neutrino charged current single pion production cross section on water with the T2K near detector. <i>Physical Review D</i> , 2017 , 95,	4.9	24
105	Search for heavy neutrinos with the T2K near detector ND280. <i>Physical Review D</i> , 2019 , 100,	4.9	24
104	Experimental observation of an extremely high electron lifetime with the ICARUS-T600 LAr-TPC. <i>Journal of Instrumentation</i> , 2014 , 9, P12006-P12006	1	24
103	Pion emission from the T2K replica target: Method, results and application. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 701, 99-114	1.2	24

102	Proton-Antiproton annihilation at 900 MeV/c into $(\pi^0\pi^0\pi^0, \pi^0\pi^0\eta)$ and $(\pi^0\eta\eta)$. <i>European Physical Journal C</i> , 2002 , 23, 29-41	4.2	24
101	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. <i>Physical Review Letters</i> , 2016 , 116, 181801	7.4	23
100	Momentum dependence of the decay Λ_{cb} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 417, 197-201	4.2	22
99	$p\bar{p} \rightarrow \Lambda_{cb}$ and Λ_{cb} from 600 to 1940 MeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 452, 173-179	4.2	22
98	Partial wave analysis of $p\bar{p} \rightarrow \Lambda_{cb}, \Lambda_{cb}, \Lambda_{cb}$ and Λ_{cb} . <i>Nuclear Physics A</i> , 2000 , 662, 319-343	1.3	21
97	Study of Λ_{cb} from 600 to 1940 MeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 452, 180-186	4.2	21
96	One-nucleon spectroscopic amplitudes for excited states of 1p-shell nuclei. <i>Journal of Physics G: Nuclear Physics</i> , 1987 , 13, 121-134		21
95	First measurement of the Λ_{cb} charged-current cross section on a water target without pions in the final state. <i>Physical Review D</i> , 2018 , 97,	4.9	20
94	Updated T2K measurements of muon neutrino and antineutrino disappearance using 1.5 $\times 10^{21}$ protons on target. <i>Physical Review D</i> , 2017 , 96,	4.9	20
93	Measurements of production properties of K_S^0 mesons and Λ hyperons in proton-carbon interactions at 31 GeV/c. <i>Physical Review C</i> , 2014 , 89,	2.7	20
92	Precision measurement of the neutrino velocity with the ICARUS detector in the CNGS beam. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	20
91	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	20
90	Detection of Cherenkov light emission in liquid argon. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 516, 348-363	1.2	20
89	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. <i>Physical Review D</i> , 2014 , 89,	4.9	19
88	Resonances formed by Λ_{cb} and decaying into $\Lambda_{cb}\pi$ for masses 1960 to 2410 MeV. <i>Nuclear Physics A</i> , 1999 , 651, 253-276	1.3	19
87	Study of annihilation at rest into Λ_{cb} . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 327, 425-432	4.2	19
86	A high resolution search for the tensor glueball candidate $\chi(2230)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 520, 175-182	4.2	18
85	A search for the analogue to Cherenkov radiation by high energy neutrinos at superluminal speeds in ICARUS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 711, 270-275	4.2	17

84	Study of the $\pi^+\pi^0$ final state in p p annihilation at rest. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 404, 179-186	4.2	17
83	Production of (Λ^-) -hyperons in inelastic p+p interactions at 158 (GeV/c). <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	16
82	Resonances in. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 452, 187-193	4.2	16
81	The $f_2(1565)$ in interactions at rest. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 467, 147-155	4.2	16
80	Antiproton-proton annihilation at rest into K^+K^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 468, 178-188	4.2	16
79	Ξ decays into three pions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 203-207	4.2	16
78	Radiative protonium annihilation into π^0 , η and η' . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 371-378	4.2	16
77	Protonium annihilation into $K^0\bar{K}^0$ and K^0K^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 319, 373-380	4.2	16
76	Measurement of Coherent ν_{τ} Production in Low Energy Neutrino-Carbon Scattering. <i>Physical Review Letters</i> , 2016 , 117, 192501	7.4	15
75	Gamma background measurements in the Laboratoire Souterrain de Modane. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012 , 292, 751-756	1.5	15
74	PISA Λ n experiment for fragment spectroscopy at the Internal Beam of COSY: application of an Axial Ionization Chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 519, 610-622	1.2	15
73	Analysis of $\pi^+\pi^0$, η and η' from threshold to 2.5 GeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 471, 271-279	4.2	15
72	First observations of Pontecorvo reactions with a recoiling neutron. <i>Zeitschrift für Physik A</i> , 1995 , 351, 325-331		15
71	Search for a new light gauge boson in decays of η and η' . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 333, 271-276	4.2	15
70	Search for Lorentz and CPT violation using sidereal time dependence of neutrino flavor transitions over a short baseline. <i>Physical Review D</i> , 2017 , 95,	4.9	14
69	Measurements of $(\pi^+ \text{ } ^\text{pm})$ differential yields from the surface of the T2K replica target for incoming 31 GeV/c protons with the NA61/SHINE spectrometer at the CERN SPS. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	14
68	η -interference in pp-annihilation at rest into $\pi^+\pi^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 411, 354-360	4.2	14
67	Searching for new physics in future neutrino factory experiments. <i>European Physical Journal C</i> , 2007 , 52, 905-917	4.2	14

66	Annihilation at rest of antiprotons and protons into neutral particles. <i>Nuclear Physics A</i> , 2003 , 720, 357-363	1.3	14
65	Resonances in at rest. <i>Nuclear Physics A</i> , 2001 , 690, 567-594	1.3	14
64	Data on $\bar{p}n$ from 600 to 1940 MeV/c. <i>Nuclear Physics A</i> , 2000 , 662, 344-361	1.3	14
63	First observation of the production of nucleon resonances in antiproton annihilation in liquid deuterium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 352, 187-192	4.2	14
62	Measurement of inclusive double-differential \bar{p} charged-current cross section with improved acceptance in the T2K off-axis near detector. <i>Physical Review D</i> , 2018 , 98,	4.9	13
61	The trigger system of the ICARUS experiment for the CNGS beam. <i>Journal of Instrumentation</i> , 2014 , 9, P08003-P08003	1	13
60	Gamma background measurements in the Boulby Underground Laboratory. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013 , 298, 1483-1489	1.5	13
59	Gamma background measurements in the Gran Sasso National Laboratory. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013 , 295, 749-754	1.5	13
58	Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation γ rays. <i>Physical Review D</i> , 2014 , 90,	4.9	13
57	Operation and performance of the ICARUS T600 cryogenic plant at Gran Sasso underground Laboratory. <i>Journal of Instrumentation</i> , 2015 , 10, P12004-P12004	1	12
56	Study of $\bar{p}n$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 165-171	1.3	12
55	The $\bar{p}n$ mass, width and line shape in annihilation at rest into π^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 469, 270-275	4.2	12
54	Measurement of the $\bar{p}n$ decay branching ratio. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 411, 361-372	4.2	11
53	p \bar{d} -annihilation at rest into $\pi^0\pi^0$ spectator. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 450, 275-280	4.2	11
52	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,	4.9	10
51	Muon momentum measurement in ICARUS-T600 LAr-TPC via multiple scattering in few-GeV range. <i>Journal of Instrumentation</i> , 2017 , 12, P04010-P04010	1	10
50	Study of $p\bar{p} \rightarrow \pi^0\pi^0$ at rest. <i>Nuclear Physics B</i> , 1998 , 514, 45-59	2.8	10
49	p $\bar{p} \rightarrow \pi^0\pi^0$ from 600 to 1940 MeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 468, 304-308	4.2	10

48	and $\bar{\nu}$ from 600 to 1940 MeV/c. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 468, 309-313	4.2	10
47	The role of 4H transfer in the $^{11}\text{B}(^3\text{He}, ^7\text{Li})^7\text{Be}$ reaction at 71.8 MeV. <i>Nuclear Physics A</i> , 1986 , 448, 1-20	1.3	10
46	Branching ratios for p annihilation at rest into two-body final states. <i>Nuclear Physics A</i> , 2001 , 679, 563-576	3.6	9
45	Search for short baseline $\bar{\nu}$ disappearance with the T2K near detector. <i>Physical Review D</i> , 2015 , 91,	4.9	8
44	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	2.9	8
43	Test of $(\overline{N})N$ potential models: Isospin relations in $(\overline{p})d$ annihilations at rest and the search for quasinuclear bound states. <i>European Physical Journal C</i> , 2000 , 17, 583-592	4.2	8
42	Search for a new light gauge boson in \bar{D} , \bar{B} and $\bar{\nu}$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 70, 219-226		8
41	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,	4.9	7
40	Lead shielding efficiency from the gamma background measurements in the salt cavern of the Polkowice-Sieroszowice copper mine. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016 , 308, 773-780	1.5	7
39	Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 $\bar{\nu}$ detector. <i>Physical Review D</i> , 2015 , 91,	4.9	7
38	Production and decay of $(\eta^{\prime}(958))$ and $(\eta(1440))$ in $(\bar{p} p)$ annihilation at rest. <i>European Physical Journal C</i> , 2004 , 33, 23-30	4.2	7
37	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,	5.4	6
36	Two-particle correlations in azimuthal angle and pseudorapidity in inelastic $p + p$ interactions at the CERN Super Proton Synchrotron. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	6
35	Measurement of $\bar{\nu}$ and $\bar{\nu}$ charged current inclusive cross sections and their ratio with the T2K off-axis near detector. <i>Physical Review D</i> , 2017 , 96,	4.9	6
34	Scintillator counters with WLS fiber/MPPC readout for the side muon range detector (SMRD) of the T2K experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 623, 382-384	1.2	6
33	Comment on \bar{p} protonium annihilation into $\bar{\nu}\bar{\nu}$ at rest in a liquid hydrogen target \square <i>Physical Review D</i> , 2002 , 66,	4.9	6
32	Observation of Pontecorvo reactions with open strangeness: $-\bar{K}^0$ and $-\bar{K}^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 469, 276-286	4.2	6
31	A study of the $^{29,30}\text{Si}(\alpha; \alpha^0, \alpha^{\prime})$ and $^{30}\text{Si}(\alpha, t)$ reactions at $E_{\alpha}=26.6$ MeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1994 , 20, 1789-1802	2.9	6

30	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation γ rays. <i>Physical Review D</i> , 2019 , 100,	4.9	6
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