

Juergen Brunner

List of Publications by Year in descending order

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165
papers

8,655
citations

41344

49
h-index

46799

89
g-index

165
all docs

165
docs citations

165
times ranked

6648
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for magnetic monopoles with ten years of the ANTARES neutrino telescope. <i>Journal of High Energy Astrophysics</i> , 2022, 34, 1-8.	6.7	2
2	Search for solar atmospheric neutrinos with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 018.	5.4	1
3	Search for secluded dark matter towards the Galactic Centre with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 028.	5.4	3
4	Search for non-standard neutrino interactions with 10 years of ANTARES data. <i>Journal of High Energy Physics</i> , 2022, 2022, .	4.7	2
5	Nanobeacon: A time calibration device for the KM3NeT neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, 1040, 167132.	1.6	5
6	ANTARES upper limits on the multi-TeV neutrino emission from the GRBs detected by IACTs. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 092.	5.4	5
7	ANTARES Search for Point Sources of Neutrinos Using Astrophysical Catalogs: A Likelihood Analysis. <i>Astrophysical Journal</i> , 2021, 911, 48.	4.5	11
8	Measurement of the atmospheric $\hat{1}/2$ and $\hat{1}/2$ energy spectra with the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 816, 136228.	4.1	11
9	The KM3NeT potential for the next core-collapse supernova observation with neutrinos. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	21
10	Nuclearite search with ANTARES. <i>Journal of Instrumentation</i> , 2021, 16, C09010.	1.2	4
11	Search for Neutrinos from the Tidal Disruption Events AT2019dsg and AT2019fdr with the ANTARES Telescope. <i>Astrophysical Journal</i> , 2021, 920, 50.	4.5	6
12	Search for relativistic magnetic monopoles with ten years of the ANTARES detector data. <i>Journal of Instrumentation</i> , 2021, 16, C11004.	1.2	1
13	Model-independent search for neutrino sources with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2020, 114, 35-47.	4.3	2
14	gSeaGen: The KM3NeT GENIE-based code for neutrino telescopes. <i>Computer Physics Communications</i> , 2020, 256, 107477.	7.5	14
15	Combined search for neutrinos from dark matter self-annihilation in the Galactic Center with ANTARES and IceCube. <i>Physical Review D</i> , 2020, 102, .	4.7	31
16	Deep-sea deployment of the KM3NeT neutrino telescope detection units by self-unrolling. <i>Journal of Instrumentation</i> , 2020, 15, P11027-P11027.	1.2	9
17	Event reconstruction for KM3NeT/ORCA using convolutional neural networks. <i>Journal of Instrumentation</i> , 2020, 15, P10005-P10005.	1.2	15
18	Search for dark matter towards the Galactic Centre with 11 years of ANTARES data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135439.	4.1	26

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19	Search for neutrino counterparts of gravitational-wave events detected by LIGO and Virgo during run O2 with the ANTARES telescope. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	9
20	Constraining the contribution of Gamma-Ray Bursts to the high-energy diffuse neutrino flux with 10Åyr of ANTARES data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 5614-5628.	4.4	19
21	Observation of the cosmic ray shadow of the Sun with the ANTARES neutrino telescope. <i>Physical Review D</i> , 2020, 102, .	4.7	4
22	ANTARES and IceCube Combined Search for Neutrino Point-like and Extended Sources in the Southern Sky. <i>Astrophysical Journal</i> , 2020, 892, 92.	4.5	25
23	Measuring the atmospheric neutrino oscillation parameters and constraining the 3+1 neutrino model with ten years of ANTARES data. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	16
24	ANTARES Neutrino Search for Time and Space Correlations with IceCube High-energy Neutrino Events. <i>Astrophysical Journal</i> , 2019, 879, 108.	4.5	5
25	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. <i>Astrophysical Journal</i> , 2019, 870, 134.	4.5	32
26	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. <i>Astroparticle Physics</i> , 2019, 111, 100-110.	4.3	71
27	A Search for Cosmic Neutrino and Gamma-Ray Emitting Transients in 7.3 yr of ANTARES and Fermi LAT Data. <i>Astrophysical Journal</i> , 2019, 886, 98.	4.5	6
28	The search for high-energy neutrinos coincident with fast radio bursts with the ANTARES neutrino telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 184-193.	4.4	8
29	The SURvey for Pulsars and Extragalactic Radio Bursts â€“ II. New FRB discoveries and their follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1427-1446.	4.4	156
30	All-flavor Search for a Diffuse Flux of Cosmic Neutrinos with Nine Years of ANTARES Data. <i>Astrophysical Journal Letters</i> , 2018, 853, L7.	8.3	41
31	Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes. <i>Astrophysical Journal Letters</i> , 2018, 868, L20.	8.3	64
32	The cosmic ray shadow of the Moon observed with the ANTARES neutrino telescope. <i>European Physical Journal C</i> , 2018, 78, 1006.	3.9	14
33	Long-term monitoring of the ANTARES optical module efficiencies using ^{40}K 40 K decays in sea water. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	10
34	Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope. <i>Journal of Instrumentation</i> , 2018, 13, P05035-P05035.	1.2	25
35	The Search for Neutrinos from TXS 0506+056 with the ANTARES Telescope. <i>Astrophysical Journal Letters</i> , 2018, 863, L30.	8.3	24
36	Time-dependent search for neutrino emission from X-ray binaries with the ANTARES telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 019-019.	5.4	8

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37	Sperm whale long-range echolocation sounds revealed by ANTARES, a deep-sea neutrino telescope. <i>Scientific Reports</i> , 2017, 7, 45517.	3.3	20
38	Results from the search for dark matter in the Milky Way with 9 years of data of the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 769, 249-254.	4.1	52
39	Search for dark matter annihilation in the earth using the ANTARES neutrino telescope. <i>Physics of the Dark Universe</i> , 2017, 16, 41-48.	4.9	19
40	First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. <i>Physical Review D</i> , 2017, 96, .	4.7	60
41	Search for high-energy neutrinos from bright GRBs with ANTARES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 906-915.	4.4	27
42	New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope. <i>Physical Review D</i> , 2017, 96, .	4.7	33
43	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017, 96, .	4.7	40
44	Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	22
45	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , 2017, 850, L35.	8.3	135
46	Stacked search for time shifted high energy neutrinos from gamma ray bursts with the Antares neutrino telescope. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	8
47	An algorithm for the reconstruction of high-energy neutrino-induced particle showers and its application to the ANTARES neutrino telescope. <i>European Physical Journal C</i> , 2017, 77, 419.	3.9	11
48	Search for relativistic magnetic monopoles with five years of the ANTARES detector data. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	9
49	All-sky search for high-energy neutrinos from gravitational wave event GW170104 with the Antares neutrino telescope. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	13
50	An Algorithm for the Reconstruction of Neutrino-induced Showers in the ANTARES Neutrino Telescope. <i>Astronomical Journal</i> , 2017, 154, 275.	4.7	14
51	A method to stabilise the performance of negatively fed KM3NeT photomultipliers. <i>Journal of Instrumentation</i> , 2016, 11, P12014-P12014.	1.2	8
52	Letter of intent for KM3NeT 2.0. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 084001.	3.6	512
53	Limits on dark matter annihilation in the sun using the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 69-74.	4.1	78
54	THE FIRST COMBINED SEARCH FOR NEUTRINO POINT-SOURCES IN THE SOUTHERN HEMISPHERE WITH THE ANTARES AND ICECUBE NEUTRINO TELESCOPES. <i>Astrophysical Journal</i> , 2016, 823, 65.	4.5	49

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55	Time calibration with atmospheric muon tracks in the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2016, 78, 43-51.	4.3	5
56	Constraints on the neutrino emission from the Galactic Ridge with the ANTARES telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 143-148.	4.1	35
57	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016, 93, .	4.7	92
58	MURCHISON WIDEFIELD ARRAY LIMITS ON RADIO EMISSION FROM ANTARES NEUTRINO EVENTS. <i>Astrophysical Journal Letters</i> , 2016, 820, L24.	8.3	9
59	The prototype detection unit of the KM3NeT detector. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	32
60	A search for Secluded Dark Matter in the Sun with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 016-016.	5.4	26
61	Optical and X-ray early follow-up of ANTARES neutrino alerts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 062-062.	5.4	21
62	Determining neutrino oscillation parameters from atmospheric muon neutrino disappearance with three years of IceCube DeepCore data. <i>Physical Review D</i> , 2015, 91, .	4.7	86
63	ANTARES constrains a blazar origin of two IceCube PeV neutrino events. <i>Astronomy and Astrophysics</i> , 2015, 576, L8.	5.1	15
64	Simulations of the muon flux sensitivity to rock perturbation associated to hydrogeological processes. <i>E3S Web of Conferences</i> , 2014, 4, 01003.	0.5	3
65	Deep sea tests of a prototype of the KM3NeT digital optical module. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	46
66	Searches for clustering in the time integrated skymap of the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 001-001.	5.4	9
67	Observation of the cosmic-ray shadow of the Moon with IceCube. <i>Physical Review D</i> , 2014, 89, .	4.7	34
68	SEARCHES FOR POINT-LIKE AND EXTENDED NEUTRINO SOURCES CLOSE TO THE GALACTIC CENTER USING THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , 2014, 786, L5.	8.3	88
69	Improvement in fast particle track reconstruction with robust statistics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 736, 143-149.	1.6	25
70	A search for neutrino emission from the Fermi bubbles with the ANTARES telescope. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	25
71	A search for time dependent neutrino emission from microquasars with the ANTARES telescope. <i>Journal of High Energy Astrophysics</i> , 2014, 3-4, 9-17.	6.7	9
72	New exclusion limits on dark gauge forces from proton Bremsstrahlung in beam-dump data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 731, 320-326.	4.1	175

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73	Constraining the neutrino emission of gravitationally lensed Flat-Spectrum Radio Quasars with ANTARES data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 017-017.	5.4	8
74	First Observation of PeV-Energy Neutrinos with IceCube. <i>Physical Review Letters</i> , 2013, 111, 021103.	7.8	578
75	An improved method for measuring muon energy using the truncated mean of dE/dx . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 703, 190-198.	1.6	36
76	Measurement of Atmospheric Neutrino Oscillations with IceCube. <i>Physical Review Letters</i> , 2013, 111, 081801.	7.8	49
77	Evidence for High-Energy Extraterrestrial Neutrinos at the IceCube Detector. <i>Science</i> , 2013, 342, 1242856.	12.6	1,048
78	Measurement of the atmospheric $\hat{\nu}_{\mu}$ energy spectrum from 100 GeV to 200 TeV with the ANTARES telescope. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	51
79	Atmospheric Neutrino Oscillations in Antares. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013, 237-238, 269-271.	0.4	1
80	Measurement of South Pole ice transparency with the IceCube LED calibration system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 711, 73-89.	1.6	122
81	Measurement of neutrino oscillations with the ANTARES detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 725, 72-75.	1.6	0
82	Search for Dark Matter Annihilations in the Sun with the 79-String IceCube Detector. <i>Physical Review Letters</i> , 2013, 110, 131302.	7.8	235
83	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. <i>Astroparticle Physics</i> , 2013, 42, 7-14.	4.3	28
84	Cosmic ray composition and energy spectrum from 1×10^{13} PeV using the 40-string configuration of IceTop and IceCube. <i>Astroparticle Physics</i> , 2013, 42, 15-32.	4.3	34
85	Search for Galactic PeV gamma rays with the IceCube Neutrino Observatory. <i>Physical Review D</i> , 2013, 87, .	4.7	29
86	Measurement of the Atmospheric ν_{μ} Flux in IceCube. <i>Physical Review Letters</i> , 2013, 110, 151105.	7.8	64
87	IceTop: The surface component of IceCube. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 700, 188-220.	1.6	166
88	First results on dark matter annihilation in the Sun using the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 032-032.	5.4	20
89	First search for neutrinos in correlation with gamma-ray bursts with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 006-006.	5.4	13
90	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 008-008.	5.4	32

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91	Measurement of Neutrino Oscillations with Neutrino Telescopes. <i>Advances in High Energy Physics</i> , 2013, 2013, 1-16.	1.1	7
92	Lateral distribution of muons in IceCube cosmic ray events. <i>Physical Review D</i> , 2013, 87, .	4.7	25
93	Measurement of the cosmic ray energy spectrum with IceTop-73. <i>Physical Review D</i> , 2013, 88, .	4.7	114
94	IceCube search for dark matter annihilation in nearby galaxies and galaxy clusters. <i>Physical Review D</i> , 2013, 88, .	4.7	53
95	Search for relativistic magnetic monopoles with IceCube. <i>Physical Review D</i> , 2013, 87, .	4.7	20
96	SEARCH FOR TIME-INDEPENDENT NEUTRINO EMISSION FROM ASTROPHYSICAL SOURCES WITH 3 yr OF IceCube DATA. <i>Astrophysical Journal</i> , 2013, 779, 132.	4.5	81
97	SEARCH FOR A CORRELATION BETWEEN ANTARES NEUTRINOS AND PIERRE AUGER OBSERVATORY UHECRs ARRIVAL DIRECTIONS. <i>Astrophysical Journal</i> , 2013, 774, 19.	4.5	12
98	OBSERVATION OF COSMIC-RAY ANISOTROPY WITH THE ICETOP AIR SHOWER ARRAY. <i>Astrophysical Journal</i> , 2013, 765, 55.	4.5	85
99	South Pole glacial climate reconstruction from multi-borehole laser particulate stratigraphy. <i>Journal of Glaciology</i> , 2013, 59, 1117-1128.	2.2	20
100	Search for muon neutrinos from gamma-ray bursts with the ANTARES neutrino telescope using 2008 to 2011 data. <i>Astronomy and Astrophysics</i> , 2013, 559, A9.	5.1	57
101	SEARCHES FOR HIGH-ENERGY NEUTRINO EMISSION IN THE GALAXY WITH THE COMBINED ICECUBE-AMANDA DETECTOR. <i>Astrophysical Journal</i> , 2013, 763, 33.	4.5	10
102	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. <i>Journal of Instrumentation</i> , 2013, 8, T03006-T03006.	1.2	15
103	Deep-Sea Bioluminescence Blooms after Dense Water Formation at the Ocean Surface. <i>PLoS ONE</i> , 2013, 8, e67523.	2.5	58
104	IceCube and ANTARES. <i>EPJ Web of Conferences</i> , 2013, 52, 09005.	0.3	0
105	The positioning system of the ANTARES Neutrino Telescope. <i>Journal of Instrumentation</i> , 2012, 7, T08002-T08002.	1.2	48
106	Use of event-level neutrino telescope data in global fits for theories of new physics. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 057-057.	5.4	15
107	SEARCH FOR COSMIC NEUTRINO POINT SOURCES WITH FOUR YEARS OF DATA FROM THE ANTARES TELESCOPE. <i>Astrophysical Journal</i> , 2012, 760, 53.	4.5	104
108	Measurement of atmospheric neutrino oscillations with the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 714, 224-230.	4.1	63

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109	Search for neutrino emission from gamma-ray flaring blazars with the ANTARES telescope. <i>Astroparticle Physics</i> , 2012, 36, 204-210.	4.3	19
110	An ebCMOS camera system for marine bioluminescence observation: The LuSEapher prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 695, 172-178.	1.6	12
111	Search for neutrinos from transient sources with the ANTARES telescope and optical follow-up observations. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 692, 184-187.	1.6	5
112	The ANTARES telescope neutrino alert system. <i>Astroparticle Physics</i> , 2012, 35, 530-536.	4.3	39
113	Measurement of the group velocity of light in sea water at the ANTARES site. <i>Astroparticle Physics</i> , 2012, 35, 552-557.	4.3	4
114	Search for relativistic magnetic monopoles with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2012, 35, 634-640.	4.3	43
115	A method for detection of muon induced electromagnetic showers with the ANTARES detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 675, 56-62.	1.6	2
116	Acoustic and optical variations during rapid downward motion episodes in the deep north-western Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 875-884.	1.4	15
117	FIRST SEARCH FOR POINT SOURCES OF HIGH-ENERGY COSMIC NEUTRINOS WITH THE ANTARES NEUTRINO TELESCOPE. <i>Astrophysical Journal Letters</i> , 2011, 743, L14.	8.3	43
118	ANTARES: The first undersea neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 656, 11-38.	1.6	441
119	A fast algorithm for muon track reconstruction and its application to the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2011, 34, 652-662.	4.3	80
120	The ANTARES neutrino telescope – Status and first results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 626-627, S19-S24.	1.6	15
121	Search for neutrinos from transient sources with the ANTARES telescope and optical follow-up observations (TAToO). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 626-627, S183-S184.	1.6	1
122	AMADEUS – The acoustic neutrino detection test system of the ANTARES deep-sea neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 626-627, 128-143.	1.6	58
123	Time calibration of the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2011, 34, 539-549.	4.3	85
124	Search for a diffuse flux of high-energy $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle^{\frac{1}{2}} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle^{\frac{1}{4}} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ with the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 696, 16-22.	4.1	59
125	New exclusion limits for dark gauge forces from beam-dump data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 701, 155-159.	4.1	147
126	Measurement of the atmospheric muon flux with a 4GeV threshold in the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2010, 33, 86-90.	4.3	34

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127	Zenith distribution and flux of atmospheric muons measured with the 5-line ANTARES detector. <i>Astroparticle Physics</i> , 2010, 34, 179-184.	4.3	53
128	Performance of the front-end electronics of the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 622, 59-73.	1.6	51
129	Performance of the first ANTARES detector line. <i>Astroparticle Physics</i> , 2009, 31, 277-283.	4.3	47
130	Neutrino telescope modelling of Lorentz invariance violation in oscillations of atmospheric neutrinos. <i>Astroparticle Physics</i> , 2008, 29, 345-354.	4.3	13
131	Final results on oscillation from the CHORUS experiment. <i>Nuclear Physics B</i> , 2008, 793, 326-343.	2.5	52
132	The ANTARES optical beacon system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 578, 498-509.	1.6	61
133	Studies of a full-scale mechanical prototype line for the ANTARES neutrino telescope and tests of a prototype instrument for deep-sea acoustic measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 581, 695-708.	1.6	13
134	The data acquisition system for the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 570, 107-116.	1.6	138
135	Probing quantum decoherence in atmospheric neutrino oscillations with a neutrino telescope. <i>Astroparticle Physics</i> , 2006, 25, 311-327.	4.3	37
136	First results of the Instrumentation Line for the deep-sea ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2006, 26, 314-324.	4.3	99
137	Study of large hemispherical photomultiplier tubes for the ANTARES neutrino telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 555, 132-141.	1.6	71
138	Status of the ANTARES project. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 145, 323-326.	0.4	4
139	Transmission of light in deep sea water at the site of the Antares neutrino telescope. <i>Astroparticle Physics</i> , 2005, 23, 131-155.	4.3	101
140	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
141	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
142	The IHEP-JINR Neutrino Detector at Neutrino Beams of the U-70 Accelerator (Protvino). <i>Instruments and Experimental Techniques</i> , 2003, 46, 300-326.	0.5	4
143	Sedimentation and fouling of optical surfaces at the ANTARES site. <i>Astroparticle Physics</i> , 2003, 19, 253-267.	4.3	51
144	The data acquisition system of the CHORUS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 479, 412-438.	1.6	1

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