

Sergio Navas

List of Publications by Year in descending order

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278
papers

60,515
citations

22132

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872

243
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284
all docs

284
docs citations

284
times ranked

24225
citing authors

#	ARTICLE	IF	CITATIONS
1	Science with Neutrino Telescopes in Spain. Universe, 2022, 8, 89.	0.9	0
2	ANTARES upper limits on the multi-TeV neutrino emission from the GRBs detected by IACTs. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 092.	1.9	5
3	ANTARES Search for Point Sources of Neutrinos Using Astrophysical Catalogs: A Likelihood Analysis. Astrophysical Journal, 2021, 911, 48.	1.6	11
4	Measurement of the atmospheric $\hat{1}\frac{1}{2}$ and $\hat{1}\frac{1}{2}$ energy spectra with the ANTARES neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136228.	1.5	11
5	The KM3NeT potential for the next core-collapse supernova observation with neutrinos. European Physical Journal C, 2021, 81, 1.	1.4	21
6	KM3NeT Detection Unit Line Fit reconstruction using positioning sensors data. , 2021, , .		1
7	Search for neutrino non-standard interactions with ANTARES and KM3NeT-ORCA. Journal of Instrumentation, 2021, 16, C09016.	0.5	4
8	Architecture and performance of the KM3NeT front-end firmware. Journal of Astronomical Telescopes, Instruments, and Systems, 2021, 7, .	1.0	9
9	Monte Carlo simulations for the ANTARES underwater neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 064-064.	1.9	13
10	Search for Neutrinos from the Tidal Disruption Events AT2019dsg and AT2019fdr with the ANTARES Telescope. Astrophysical Journal, 2021, 920, 50.	1.6	6
11	Sensitivity to light sterile neutrino mixing parameters with KM3NeT/ORCA. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
12	gSeaGen: The KM3NeT GENIE-based code for neutrino telescopes. Computer Physics Communications, 2020, 256, 107477.	3.0	14
13	Deep-sea deployment of the KM3NeT neutrino telescope detection units by self-unrolling. Journal of Instrumentation, 2020, 15, P11027-P11027.	0.5	9
14	The Control Unit of the KM3NeT Data Acquisition System. Computer Physics Communications, 2020, 256, 107433.	3.0	8
15	Review of Particle Physics. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	3,177
16	Event reconstruction for KM3NeT/ORCA using convolutional neural networks. Journal of Instrumentation, 2020, 15, P10005-P10005.	0.5	15
17	Search for dark matter towards the Galactic Centre with 11 years of ANTARES data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135439.	1.5	26
18	Search for neutrino counterparts of gravitational-wave events detected by LIGO and Virgo during run O2 with the ANTARES telescope. European Physical Journal C, 2020, 80, 1.	1.4	9

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19	Dependence of atmospheric muon flux on seawater depth measured with the first KM3NeT detection units. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	20
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.	1.6	19
21	Observation of the cosmic ray shadow of the Sun with the ANTARES neutrino telescope. <i>Physical Review D</i> , 2020, 102, .	1.6	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.	1.6	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.	1.6	16
24	ANTARES Neutrino Search for Time and Space Correlations with IceCube High-energy Neutrino Events. <i>Astrophysical Journal</i> , 2019, 879, 108.	1.6	5
25	Letter of interest for a neutrino beam from Protvino to KM3NeT/ORCA. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	17
26	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.	1.6	32
27	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. <i>Astroparticle Physics</i> , 2019, 111, 100-110.	1.9	71
28	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.	1.6	6
29	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.	1.6	8
30	KM3NeT front-end and readout electronics system: hardware, firmware, and software. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.0	18
31	Searches for point-like sources of cosmic neutrinos with 11 years of ANTARES data. , 2019, , .		5
32	Dark Matter Searches from the Sun with the KM3NeT-ORCA detector. , 2019, , .		3
33	The SURvey for Pulsars and Extragalactic Radio Bursts “ II. New FRB discoveries and their follow-up. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1427-1446.	1.6	156
34	All-flavor Search for a Diffuse Flux of Cosmic Neutrinos with Nine Years of ANTARES Data. <i>Astrophysical Journal Letters</i> , 2018, 853, L7.	3.0	41
35	Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes. <i>Astrophysical Journal Letters</i> , 2018, 868, L20.	3.0	64
36	The cosmic ray shadow of the Moon observed with the ANTARES neutrino telescope. <i>European Physical Journal C</i> , 2018, 78, 1006.	1.4	14

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37	Long-term monitoring of the ANTARES optical module efficiencies using ^{40}K decays in sea water. European Physical Journal C, 2018, 78, 1.	1.4	10
38	Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope. Journal of Instrumentation, 2018, 13, P05035-P05035.	0.5	25
39	The Search for Neutrinos from TXS 0506+056 with the ANTARES Telescope. Astrophysical Journal Letters, 2018, 863, L30.	3.0	24
40	Review of Particle Physics. Physical Review D, 2018, 98, .	1.6	5,390
41	Muon counting using silicon photomultipliers in the AMIGA detector of the Pierre Auger observatory. Journal of Instrumentation, 2017, 12, P03002-P03002.	0.5	16
42	First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. Physical Review D, 2017, 96, .	1.6	60
43	Multi-messenger Observations of a Binary Neutron Star Merger [*] . Astrophysical Journal Letters, 2017, 848, L12.	3.0	2,805
44	New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope. Physical Review D, 2017, 96, .	1.6	33
45	Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
46	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. Astrophysical Journal Letters, 2017, 850, L35.	3.0	135
47	Search for relativistic magnetic monopoles with five years of the ANTARES detector data. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
48	All-sky search for high-energy neutrinos from gravitational wave event GW170104 with the Antares neutrino telescope. European Physical Journal C, 2017, 77, 1.	1.4	13
49	An Algorithm for the Reconstruction of Neutrino-induced Showers in the ANTARES Neutrino Telescope. Astronomical Journal, 2017, 154, 275.	1.9	14
50	Searches for diffuse fluxes of astrophysical neutrinos with the ANTARES telescope. EPJ Web of Conferences, 2017, 136, 04005.	0.1	0
51	Search for a diffuse flux of cosmic neutrinos with the ANTARES telescope. , 2017, , .		1
52	Letter of intent for KM3NeT 2.0. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 084001.	1.4	512
53	Evidence for a mixed mass composition at the $\tilde{\nu}$ -ankle TM in the cosmic-ray spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 288-295.	1.5	84
54	Dynamic range measurement and calibration of SiPMs. Journal of Instrumentation, 2016, 11, P03009-P03009.	0.5	9

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55	Azimuthal asymmetry in the risetime of the surface detector signals of the Pierre Auger Observatory. Physical Review D, 2016, 93, .	1.6	21
56	Energy estimation of cosmic rays with the Engineering Radio Array of the Pierre Auger Observatory. Physical Review D, 2016, 93, .	1.6	80
57	Measurement of the Radiation Energy in the Radio Signal of Extensive Air Showers as a Universal Estimator of Cosmic-Ray Energy. Physical Review Letters, 2016, 116, 241101.	2.9	91
58	Review of Particle Physics. Chinese Physics C, 2016, 40, 100001.	1.5	4,200
59	Testing Hadronic Interactions at Ultrahigh Energies with Air Showers Measured by the Pierre Auger Observatory. Physical Review Letters, 2016, 117, 192001.	2.9	154
60	Nanosecond-level time synchronization of autonomous radio detector stations for extensive air showers. Journal of Instrumentation, 2016, 11, P01018-P01018.	0.5	20
61	Search for correlations between the arrival directions of IceCube neutrino events and ultrahigh-energy cosmic rays detected by the Pierre Auger Observatory and the Telescope Array. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 037-037.	1.9	31
62	Prototype muon detectors for the AMIGA component of the Pierre Auger Observatory. Journal of Instrumentation, 2016, 11, P02012-P02012.	0.5	38
63	The Pierre Auger Cosmic Ray Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 798, 172-213.	0.7	442
64	Measurement of the cosmic ray spectrum above 4×10^{18} eV using inclined events detected with the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 049-049.	1.9	20
65	SEARCHES FOR ANISOTROPIES IN THE ARRIVAL DIRECTIONS OF THE HIGHEST ENERGY COSMIC RAYS DETECTED BY THE PIERRE AUGER OBSERVATORY. Astrophysical Journal, 2015, 804, 15.	1.6	146
66	Improved limit to the diffuse flux of ultrahigh energy neutrinos from the Pierre Auger Observatory. Physical Review D, 2015, 91, .	1.6	125
67	Muons in air showers at the Pierre Auger Observatory: Mean number in highly inclined events. Physical Review D, 2015, 91, .	1.6	152
68	Search for patterns by combining cosmic-ray energy and arrival directions at the Pierre Auger Observatory. European Physical Journal C, 2015, 75, 269.	1.4	12
69	LARGE SCALE DISTRIBUTION OF ULTRA HIGH ENERGY COSMIC RAYS DETECTED AT THE PIERRE AUGER OBSERVATORY WITH ZENITH ANGLES UP TO 80° . Astrophysical Journal, 2015, 802, 111.	1.6	49
70	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. I. Measurements at energies above 10^{19} eV. Physical Review D, 2014, 90, .	1.6	266
71	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. II. Composition implications. Physical Review D, 2014, 90, .	1.6	213
72	SEARCHES FOR LARGE-SCALE ANISOTROPY IN THE ARRIVAL DIRECTIONS OF COSMIC RAYS DETECTED ABOVE ENERGY OF 10^{19} eV AT THE PIERRE AUGER OBSERVATORY AND THE TELESCOPE ARRAY. Astrophysical Journal, 2014, 794, 172.	1.6	72

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73	A SEARCH FOR POINT SOURCES OF EeV PHOTONS. <i>Astrophysical Journal</i> , 2014, 789, 160.	1.6	29
74	Reconstruction of inclined air showers detected with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 019-019.	1.9	49
75	Probing the radio emission from air showers with polarization measurements. <i>Physical Review D</i> , 2014, 89, .	1.6	85
76	Review of Particle Physics. <i>Chinese Physics C</i> , 2014, 38, 090001.	1.5	5,997
77	Muons in air showers at the Pierre Auger Observatory: Measurement of atmospheric production depth. <i>Physical Review D</i> , 2014, 90, .	1.6	69
78	A TARGETED SEARCH FOR POINT SOURCES OF EeV NEUTRONS. <i>Astrophysical Journal Letters</i> , 2014, 789, L34.	3.0	14
79	Highlights from the Pierre Auger Observatory. <i>Brazilian Journal of Physics</i> , 2014, 44, 560-570.	0.7	36
80	Origin of atmospheric aerosols at the Pierre Auger Observatory using studies of air mass trajectories in South America. <i>Atmospheric Research</i> , 2014, 149, 120-135.	1.8	6
81	Identifying clouds over the Pierre Auger Observatory using infrared satellite data. <i>Astroparticle Physics</i> , 2013, 50-52, 92-101.	1.9	8
82	The Search for Ultra-High Energy Neutrinos at the Pierre Auger Observatory. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013, 237-238, 236-238.	0.5	0
83	Ultrahigh Energy Neutrinos at the Pierre Auger Observatory. <i>Advances in High Energy Physics</i> , 2013, 2013, 1-18.	0.5	39
84	Techniques for measuring aerosol attenuation using the Central Laser Facility at the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2013, 8, P04009-P04009.	0.5	24
85	Interpretation of the depths of maximum of extensive air showers measured by the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 026-026.	1.9	27
86	CONSTRAINTS ON THE ORIGIN OF COSMIC RAYS ABOVE 10^{18} eV FROM LARGE-SCALE ANISOTROPY SEARCHES IN DATA OF THE PIERRE AUGER OBSERVATORY. <i>Astrophysical Journal Letters</i> , 2013, 762, L13.	3.0	67
87	Bounds on the density of sources of ultra-high energy cosmic rays from the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 009-009.	1.9	34
88	Search for ultra-high energy neutrinos at the pierre auger observatory. <i>EPJ Web of Conferences</i> , 2013, 53, 05003.	0.1	0
89	SEARCH FOR POINT-LIKE SOURCES OF ULTRA-HIGH ENERGY NEUTRINOS AT THE PIERRE AUGER OBSERVATORY AND IMPROVED LIMIT ON THE DIFFUSE FLUX OF TAU NEUTRINOS. <i>Astrophysical Journal Letters</i> , 2012, 755, L4.	3.0	55
90	Antennas for the detection of radio emission pulses from cosmic-ray induced air showers at the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2012, 7, P10011-P10011.	0.5	95

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91	Measurement of the Proton-Air Cross Section at $\sqrt{s} = 57$ TeV at the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2012, 109, 062002.	2.9	212
92	Publisher's Note: Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory [Phys. Rev. D84, 122005 (2011)]. <i>Physical Review D</i> , 2012, 85, .	1.6	8
93	A SEARCH FOR POINT SOURCES OF EeV NEUTRONS. <i>Astrophysical Journal</i> , 2012, 760, 148.	1.6	27
94	LARGE-SCALE DISTRIBUTION OF ARRIVAL DIRECTIONS OF COSMIC RAYS DETECTED ABOVE 10^{18} eV AT THE PIERRE AUGER OBSERVATORY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 34.	3.0	44
95	Enhancements to the Southern Pierre Auger Observatory. <i>Journal of Physics: Conference Series</i> , 2012, 375, 052006.	0.3	12
96	The rapid atmospheric monitoring system of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2012, 7, P09001-P09001.	0.5	24
97	Results of a self-triggered prototype system for radio-detection of extensive air showers at the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2012, 7, P11023-P11023.	0.5	24
98	Review of Particle Physics. <i>Physical Review D</i> , 2012, 86, .	1.6	5,054
99	A search for anisotropy in the arrival directions of ultra high energy cosmic rays recorded at the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 040-040.	1.9	6
100	Measurement of the cosmic ray energy spectrum using hybrid events of the Pierre Auger Observatory. <i>European Physical Journal Plus</i> , 2012, 127, 1.	1.2	34
101	Search for signatures of magnetically-induced alignment in the arrival directions measured by the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2012, 35, 354-361.	1.9	32
102	Description of atmospheric conditions at the Pierre Auger Observatory using the Global Data Assimilation System (GDAS). <i>Astroparticle Physics</i> , 2012, 35, 591-607.	1.9	66
103	Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. <i>Physical Review D</i> , 2011, 84, .	1.6	51
104	Anisotropy and chemical composition of ultra-high energy cosmic rays using arrival directions measured by the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 022-022.	1.9	9
105	ArDM: a ton-scale LAr detector for direct Dark Matter searches. <i>Journal of Physics: Conference Series</i> , 2011, 308, 012006.	0.3	30
106	The Pierre Auger Observatory scaler mode for the study of solar activity modulation of galactic cosmic rays. <i>Journal of Instrumentation</i> , 2011, 6, P01003-P01003.	0.5	16
107	The Lateral Trigger Probability function for the Ultra-High Energy Cosmic Ray showers detected by the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 35, 266-276.	1.9	16
108	The exposure of the hybrid detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 34, 368-381.	1.9	54

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109	Search for first harmonic modulation in the right ascension distribution of cosmic rays detected at the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 34, 627-639.	1.9	73
110	Advanced functionality for radio analysis in the Offline software framework of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 635, 92-102.	0.7	52
111	The effect of the geomagnetic field on cosmic ray energy estimates and large scale anisotropy searches on data from the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 022-022.	1.9	24
112	First results on light readout from the 1-ton ArDM liquid argon detector for dark matter searches. <i>Journal of Instrumentation</i> , 2010, 5, P11003-P11003.	0.5	20
113	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010, 37, 075021.	1.4	4,745
114	A study of the effect of molecular and aerosol conditions in the atmosphere on air fluorescence measurements at the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2010, 33, 108-129.	1.9	84
115	Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter. <i>Astroparticle Physics</i> , 2010, 34, 314-326.	1.9	270
116	Trigger and aperture of the surface detector array of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 613, 29-39.	0.7	151
117	Measurement of the energy spectrum of cosmic rays above 10 ¹⁸ eV using the Pierre Auger Observatory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 685, 239-246.	1.5	357
118	The fluorescence detector of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 620, 227-251.	0.7	275
119	Measurement of the Depth of Maximum of Extensive Air Showers above 10^{18} eV. <i>Physical Review Letters</i> , 2010, 104, 091101.	2.9	429
120	Atmospheric effects on extensive air showers observed with the surface detector of the Pierre Auger observatory. <i>Astroparticle Physics</i> , 2009, 32, 89-99.	1.9	43
121	Upper limit on the cosmic-ray photon fraction at EeV energies from the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2009, 31, 399-406.	1.9	117
122	Limit on the diffuse flux of ultrahigh energy tau neutrinos with the surface detector of the Pierre Auger Observatory. <i>Physical Review D</i> , 2009, 79, .	1.6	99
123	Development of wavelength shifter coated reflectors for the ArDM argon dark matter detector. <i>Journal of Instrumentation</i> , 2009, 4, P06001-P06001.	0.5	30
124	Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei. <i>Astroparticle Physics</i> , 2008, 29, 188-204.	1.9	305
125	Upper limit on the cosmic-ray photon flux above 10 ¹⁹ eV using the surface detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2008, 29, 243-256.	1.9	161
126	Observation of the Suppression of the Flux of Cosmic Rays above 4×10^{19} eV. <i>Physical Review Letters</i> , 2008, 101, 061101.	2.8	500

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127	Upper Limit on the Diffuse Flux of Ultrahigh Energy Tau Neutrinos from the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2008, 100, 211101.	2.9	141
128	Characterization of large area photomultipliers and its application to dark matter search with noble liquid detectors. <i>Journal of Instrumentation</i> , 2008, 3, P01006-P01006.	0.5	9
129	High-temperature superconducting level meter for liquid argon detectors. <i>Journal of Instrumentation</i> , 2008, 3, P12001-P12001.	0.5	3
130	Dark matter searches with the ArDM detector. <i>Journal of Physics: Conference Series</i> , 2008, 110, 062019.	0.3	0
131	Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. <i>Science</i> , 2007, 318, 938-943.	6.0	647
132	Nucleon decay searches with large liquid Argon TPC detectors at shallow depths: atmospheric neutrinos and cosmogenic backgrounds. <i>Journal of High Energy Physics</i> , 2007, 2007, 041-041.	1.6	68
133	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, .	1.6	38
134	Review of Particle Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006, 33, 1-1232.	1.4	3,613
135	Observation of coherent neutrino-nucleus elastic scattering at a beta beam. <i>Physical Review D</i> , 2006, 74, .	1.6	24
136	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006, 427, 257-454.	10.3	974
137	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.	0.7	41
138	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.	1.4	36
139	Performance of the ICARUS T600 detector. <i>AIP Conference Proceedings</i> , 2004, , .	0.3	0
140	Measurement of the $\hat{1}/4$ decay spectrum with the ICARUS liquid Argon TPC. <i>European Physical Journal C</i> , 2004, 33, 233-241.	1.4	50
141	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.	0.7	55
142	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.	0.7	87
143	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.	0.7	362
144	Review of Particle Physics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 592, 1-5.	1.5	4,599

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145	Detection of Cherenkov light emission in liquid argon. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 516, 348-363.	0.7	23
146	Performance of the ICARUS liquid argon prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 498, 292-311.	0.7	21
147	Neutrino cross-section measurement with neutrinos from muon decay. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 503, 151-153.	0.7	0
148	Observation of long ionizing tracks with the ICARUS T600 first half-module. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 508, 287-294.	0.7	25
149	On the energy and baseline optimization to study effects related to the $\hat{\nu}$ -phase (CP-/T-violation) in neutrino oscillations at a neutrino factory. Nuclear Physics B, 2002, 631, 239-284.	0.9	34
150	Muon storage rings for a beam-systematic-free measurement of neutrino and antineutrino cross-sections at low energy. Nuclear Physics, Section B, Proceedings Supplements, 2002, 112, 237-245.	0.5	0
151	The ANTARES optical module. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 484, 369-383.	0.7	161
152	Review of Particle Properties. Physical Review D, 2002, 66, .	1.6	2,845
153	Study of dimuon production in photon-photon collisions and measurement of QED photon structure functions at LEP. European Physical Journal C, 2001, 19, 15-28.	1.4	3
154	Background light in potential sites for the ANTARES undersea neutrino telescope. Astroparticle Physics, 2000, 13, 127-136.	1.9	65
155	Measurement of the branching fraction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 407-428.	1.5	13
156	Search for heavy stable and long-lived particles in $e^+e^- \rightarrow \gamma^* \rightarrow \mu^+\mu^-$ collisions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 65-72.	1.5	21
157	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 14-30.	1.5	26
158	Search for charginos in $e^+e^- \rightarrow \gamma^* \rightarrow \tau^+\tau^-$ interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 129-143.	1.5	8
159	Update of the search for charginos nearly mass-degenerate with the lightest neutralino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 95-106.	1.5	11
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