

# Ivan De Mitri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6542069/publications.pdf>

Version: 2024-02-01

261  
papers

13,771  
citations

17440

63  
h-index

24258

110  
g-index

269  
all docs

269  
docs citations

269  
times ranked

6398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Testing effects of Lorentz invariance violation in the propagation of astroparticles with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 023.	5.4	5
2	Design of an Antimatter Large Acceptance Detector In Orbit (ALADInO). <i>Instruments</i> , 2022, 6, 19.	1.8	6
3	A Search for Photons with Energies Above $2 \times 10^{17}$ eV Using Hybrid Data from the Low-Energy Extensions of the Pierre Auger Observatory. <i>Astrophysical Journal</i> , 2022, 933, 125.	4.5	21
4	Calibration of the underground muon detector of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2021, 16, P04003.	1.2	5
5	Measurement of the Fluctuations in the Number of Muons in Extensive Air Showers with the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2021, 126, 152002.	7.8	34
6	High precision particle astrophysics as a new window on the universe with an Antimatter Large Acceptance Detector In Orbit (ALADInO). <i>Experimental Astronomy</i> , 2021, 51, 1299-1330.	3.7	9
7	Measurement of the Cosmic Ray Helium Energy Spectrum from 70 GeV to 80 TeV with the DAMPE Space Mission. <i>Physical Review Letters</i> , 2021, 126, 201102.	7.8	66
8	The FRAM robotic telescope for atmospheric monitoring at the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2021, 16, P06027.	1.2	2
9	The POEMMA (Probe of Extreme Multi-Messenger Astrophysics) observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 007.	5.4	50
10	Deep-learning based reconstruction of the shower maximum $X_{\text{max}}$ using the water-Cherenkov detectors of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2021, 16, P07019.	1.2	16
11	Extraction of the muon signals recorded with the surface detector of the Pierre Auger Observatory using recurrent neural networks. <i>Journal of Instrumentation</i> , 2021, 16, P07016.	1.2	11
12	Design and implementation of the AMIGA embedded system for data acquisition. <i>Journal of Instrumentation</i> , 2021, 16, T07008.	1.2	3
13	Observations of Forbush Decreases of Cosmic-Ray Electrons and Positrons with the Dark Matter Particle Explorer. <i>Astrophysical Journal Letters</i> , 2021, 920, L43.	8.3	9
14	The energy spectrum of cosmic rays beyond the turn-down around $10^{17}$ eV as measured with the surface detector of the Pierre Auger Observatory. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	44
15	Selected Results from the DAMPE Space Mission. <i>Physics of Atomic Nuclei</i> , 2021, 84, 947-955.	0.4	0
16	Measurement of the cosmic-ray energy spectrum above $2.5 \times 10^{18}$ eV using the Pierre Auger Observatory. <i>Physical Review D</i> , 2020, 102, ..	4.7	98
17	Features of the Energy Spectrum of Cosmic Rays above $2.5 \times 10^{18}$ eV Using the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2020, 125, 121106.	7.8	79
18	Studies on the response of a water-Cherenkov detector of the Pierre Auger Observatory to atmospheric muons using an RPC hodoscope. <i>Journal of Instrumentation</i> , 2020, 15, P09002-P09002.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Direct measurement of the muonic content of extensive air showers between $2 \times 10^{17}$ and $2 \times 10^{18}$ eV at the Pierre Auger Observatory. European Physical Journal C, 2020, 80, 1.	3.9	36
20	Comparison of Proton Shower Developments in the BGO Calorimeter of the Dark Matter Particle Explorer between GEANT4 and FLUKA Simulations*. Chinese Physics Letters, 2020, 37, 119601.	3.3	4
21	Reconstruction of events recorded with the surface detector of the Pierre Auger Observatory. Journal of Instrumentation, 2020, 15, P10021-P10021.	1.2	20
22	Search for magnetically-induced signatures in the arrival directions of ultra-high-energy cosmic rays measured at the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 017-017.	5.4	10
23	Cosmic-Ray Anisotropies in Right Ascension Measured by the Pierre Auger Observatory. Astrophysical Journal, 2020, 891, 142.	4.5	39
24	A Search for Ultra-high-energy Neutrinos from TXS 0506+056 Using the Pierre Auger Observatory. Astrophysical Journal, 2020, 902, 105.	4.5	13
25	In-flight performance of the DAMPE silicon tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 309-315.	1.6	13
26	Probing the origin of ultra-high-energy cosmic rays with neutrinos in the EeV energy range using the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 022-022.	5.4	64
27	Data-driven estimation of the invisible energy of cosmic ray showers with the Pierre Auger Observatory. Physical Review D, 2019, 100, .	4.7	20
28	Limits on point-like sources of ultra-high-energy neutrinos with the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 004-004.	5.4	18
29	Measurement of the cosmic ray proton spectrum from 40 GeV to 100 TeV with the DAMPE satellite. Science Advances, 2019, 5, eaax3793.	10.3	121
30	A charge reconstruction algorithm for DAMPE silicon microstrip detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 935, 24-29.	1.6	5
31	Search for Gamma-Ray Emission from the Sun during Solar Minimum with the ARGO-YBJ Experiment. Astrophysical Journal, 2019, 872, 143.	4.5	9
32	Measurement of the average shape of longitudinal profiles of cosmic-ray air showers at the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 018-018.	5.4	10
33	Intrinsic linearity of bakelite Resistive Plate Chambers operated in streamer mode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 947, 162746.	1.6	3
34	Charge measurement of cosmic ray nuclei with the plastic scintillator detector of DAMPE. Astroparticle Physics, 2019, 105, 31-36.	4.3	26
35	The on-orbit calibration of DArk Matter Particle Explorer. Astroparticle Physics, 2019, 106, 18-34.	4.3	31
36	An Indication of Anisotropy in Arrival Directions of Ultra-high-energy Cosmic Rays through Comparison to the Flux Pattern of Extragalactic Gamma-Ray Sources <sup>*</sup> . Astrophysical Journal Letters, 2018, 853, L29.	8.3	165

#	ARTICLE	IF	CITATIONS
37	Large-scale Cosmic-Ray Anisotropies above 4 EeV Measured by the Pierre Auger Observatory. <i>Astrophysical Journal</i> , 2018, 868, 4.	4.5	77
38	Observation of inclined EeV air showers with the radio detector of the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 026-026.	5.4	30
39	Observation of the thunderstorm-related ground cosmic ray flux variations by ARGO-YBJ. <i>Physical Review D</i> , 2018, 97, .	4.7	14
40	Internal alignment and position resolution of the silicon tracker of DAMPE determined with orbit data. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 893, 43-56.	1.6	22
41	Galactic Cosmic-Ray Anisotropy in the Northern Hemisphere from the ARGO-YBJ Experiment during 2008–2012. <i>Astrophysical Journal</i> , 2018, 861, 93.	4.5	22
42	Selected Topics in Cosmic Ray Physics. , 2018, , 1-95.		11
43	Impact of atmospheric effects on the energy reconstruction of air showers observed by the surface detectors of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2017, 12, P02006-P02006.	1.2	8
44	Absolute-energy-scale calibration of ARGO-YBJ for light primaries in multi-TeV region with the Moon shadow observation. <i>Astroparticle Physics</i> , 2017, 90, 20-27.	4.3	2
45	Combined fit of spectrum and composition data as measured by the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 038-038.	5.4	191
46	EAS age determination from the study of the lateral distribution of charged particles near the shower axis with the ARGO-YBJ experiment. <i>Astroparticle Physics</i> , 2017, 93, 46-55.	4.3	7
47	Search for Gamma-Ray Bursts with the ARGO-YBJ Detector in Shower Mode. <i>Astrophysical Journal</i> , 2017, 842, 31.	4.5	12
48	Multi-resolution anisotropy studies of ultrahigh-energy cosmic rays detected at the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 026-026.	5.4	14
49	Muon counting using silicon photomultipliers in the AMIGA detector of the Pierre Auger observatory. <i>Journal of Instrumentation</i> , 2017, 12, P03002-P03002.	1.2	16
50	Search for photons with energies above $10^{18}$ eV using the hybrid detector of the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 009-009.	5.4	49
51	A Targeted Search for Point Sources of EeV Photons with the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , 2017, 837, L25.	8.3	21
52	Spectral calibration of the fluorescence telescopes of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2017, 95, 44-56.	4.3	7
53	The DArk Matter Particle Explorer mission. <i>Astroparticle Physics</i> , 2017, 95, 6-24.	4.3	185
54	Observation of a large-scale anisotropy in the arrival directions of cosmic rays above $8 \times 10^{18}$ eV. <i>Science</i> , 2017, 357, 1266-1270.	12.6	261

#	ARTICLE	IF	CITATIONS
55	Inferences on mass composition and tests of hadronic interactions from 0.3 to 100 EeV using the water-Cherenkov detectors of the Pierre Auger Observatory. <i>Physical Review D</i> , 2017, 96, .	4.7	82
56	Direct detection of a break in the teraelectronvolt cosmic-ray spectrum of electrons and positrons. <i>Nature</i> , 2017, 552, 63-66.	27.8	371
57	Calibration of the logarithmic-periodic dipole antenna (LPDA) radio stations at the Pierre Auger Observatory using an octocopter. <i>Journal of Instrumentation</i> , 2017, 12, T10005-T10005.	1.2	21
58	The DAMPE experiment: first data from space. <i>EPJ Web of Conferences</i> , 2017, 136, 02010.	0.3	4
59	Measurement of the cosmic ray all-particle and light-component energy spectra with the ARGO-YBJ experiment. <i>EPJ Web of Conferences</i> , 2016, 121, 03009.	0.3	1
60	The AMY experiment: Microwave emission from air shower plasmas. <i>EPJ Web of Conferences</i> , 2016, 121, 03010.	0.3	0
61	4.5 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF MRK 421 DURING THE ARGO-YBJ AND FERMI COMMON OPERATION TIME. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 6.	7.7	46
62	Ultrahigh-energy neutrino follow-up of gravitational wave events GW150914 and GW151226 with the Pierre Auger Observatory. <i>Physical Review D</i> , 2016, 94, .	4.7	38
63	Evidence for a mixed mass composition at the ankle <sup>TM</sup> in the cosmic-ray spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 762, 288-295.	4.1	84
64	Search for ultrarelativistic magnetic monopoles with the Pierre Auger observatory. <i>Physical Review D</i> , 2016, 94, .	4.7	15
65	Azimuthal asymmetry in the risetime of the surface detector signals of the Pierre Auger Observatory. <i>Physical Review D</i> , 2016, 93, .	4.7	21
66	Energy estimation of cosmic rays with the Engineering Radio Array of the Pierre Auger Observatory. <i>Physical Review D</i> , 2016, 93, .	4.7	80
67	Measurement of the Radiation Energy in the Radio Signal of Extensive Air Showers as a Universal Estimator of Cosmic-Ray Energy. <i>Physical Review Letters</i> , 2016, 116, 241101.	7.8	91
68	Testing Hadronic Interactions at Ultrahigh Energies with Air Showers Measured by the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2016, 117, 192001.	7.8	154
69	Nanosecond-level time synchronization of autonomous radio detector stations for extensive air showers. <i>Journal of Instrumentation</i> , 2016, 11, P01018-P01018.	1.2	20
70	Detection of thermal neutrons with the PRISMA-YBJ array in extensive air showers selected by the ARGO-YBJ experiment. <i>Astroparticle Physics</i> , 2016, 81, 49-60.	4.3	36
71	The DAMPE silicon-tungsten tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 831, 378-384.	1.6	58
72	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. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 037-037.	5.4	31

#	ARTICLE	IF	CITATIONS
73	Prototype muon detectors for the AMIGA component of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2016, 11, P02012-P02012.	1.2	38
74	Experimental verification of the HERD prototype at CERN SPS. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
75	The test results of the Silicon Tungsten Tracker of DAMPE. , 2016, , .		1
76	Cosmic ray proton plus helium energy spectrum measured by the ARGO-YBJ experiment in the energy range $3 \times 10^6 - 300 \text{ TeV}$ . <i>Physical Review D</i> , 2015, 91, .	4.7	34
77	Knee of the cosmic hydrogen and helium spectrum below $1 \text{ PeV}$ measured by ARGO-YBJ and a Cherenkov telescope of LHAASO. <i>Physical Review D</i> , 2015, 92, .	4.7	94
78	The Pierre Auger Cosmic Ray Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 798, 172-213.	1.6	442
79	Measurement of the cosmic ray all-particle and light-component energy spectra with the ARGO-YBJ experiment. <i>Journal of Physics: Conference Series</i> , 2015, 632, 012003.	0.4	2
80	Measurement of the cosmic ray spectrum above $4 \times 10^{18} \text{ eV}$ using inclined events detected with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 049-049.	5.4	20
81	Measurement of the cosmic ray all-particle and light-component energy spectra with the ARGO-YBJ experiment. <i>EPJ Web of Conferences</i> , 2015, 99, 08003.	0.3	7
82	SEARCHES FOR ANISOTROPIES IN THE ARRIVAL DIRECTIONS OF THE HIGHEST ENERGY COSMIC RAYS DETECTED BY THE PIERRE AUGER OBSERVATORY. <i>Astrophysical Journal</i> , 2015, 804, 15.	4.5	146
83	The DAQ system for CORAM (COsmic RAY Mission) experiment. , 2015, , .		0
84	Improved limit to the diffuse flux of ultrahigh energy neutrinos from the Pierre Auger Observatory. <i>Physical Review D</i> , 2015, 91, .	4.7	125
85	ARGO-YBJ OBSERVATION OF THE LARGE-SCALE COSMIC RAY ANISOTROPY DURING THE SOLAR MINIMUM BETWEEN CYCLES 23 AND 24. <i>Astrophysical Journal</i> , 2015, 809, 90.	4.5	51
86	Muons in air showers at the Pierre Auger Observatory: Mean number in highly inclined events. <i>Physical Review D</i> , 2015, 91, .	4.7	152
87	CRAB NEBULA: FIVE-YEAR OBSERVATION WITH ARGO-YBJ. <i>Astrophysical Journal</i> , 2015, 798, 119.	4.5	33
88	The analog Resistive Plate Chamber detector of the ARGO-YBJ experiment. <i>Astroparticle Physics</i> , 2015, 67, 47-61.	4.3	25
89	Calibration of the RPC charge readout in the ARGO-YBJ experiment with the iso-gradient method. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 783, 68-75.	1.6	4
90	STUDY OF THE DIFFUSE GAMMA-RAY EMISSION FROM THE GALACTIC PLANE WITH ARGO-YBJ. <i>Astrophysical Journal</i> , 2015, 806, 20.	4.5	69

#	ARTICLE	IF	CITATIONS
91	Search for patterns by combining cosmic-ray energy and arrival directions at the Pierre Auger Observatory. <i>European Physical Journal C</i> , 2015, 75, 269.	3.9	12
92	LARGE SCALE DISTRIBUTION OF ULTRA HIGH ENERGY COSMIC RAYS DETECTED AT THE PIERRE AUGER OBSERVATORY WITH ZENITH ANGLES UP TO 80°. <i>Astrophysical Journal</i> , 2015, 802, 111.	4.5	49
93	RESULTS FROM THE PIERRE AUGER OBSERVATORY. , 2015, , .		0
94	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. I. Measurements at energies above $10^{19}$ eV. <i>Physical Review D</i> , 2014, 90, .	4.7	266
95	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. II. Composition implications. <i>Physical Review D</i> , 2014, 90, .	4.7	213
96	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. <i>Astrophysical Journal</i> , 2014, 794, 172.	4.5	72
97	A SEARCH FOR POINT SOURCES OF EeV PHOTONS. <i>Astrophysical Journal</i> , 2014, 789, 160.	4.5	29
98	Reconstruction of inclined air showers detected with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 019-019.	5.4	49
99	Evidence of a geomagnetic effect on extensive air showers detected with the ARGO-YBJ experiment. <i>Physical Review D</i> , 2014, 89, .	4.7	4
100	Probing the radio emission from air showers with polarization measurements. <i>Physical Review D</i> , 2014, 89, .	4.7	85
101	Muons in air showers at the Pierre Auger Observatory: Measurement of atmospheric production depth. <i>Physical Review D</i> , 2014, 90, .	4.7	69
102	Energy spectrum of cosmic protons and helium nuclei by a hybrid measurement at 4300 m a.s.l.. <i>Chinese Physics C</i> , 2014, 38, 045001.	3.7	31
103	IDENTIFICATION OF THE TeV GAMMA-RAY SOURCE ARGO J2031+4157 WITH THE CYGNUS COCOON. <i>Astrophysical Journal</i> , 2014, 790, 152.	4.5	73
104	A TARGETED SEARCH FOR POINT SOURCES OF EeV NEUTRONS. <i>Astrophysical Journal Letters</i> , 2014, 789, L34.	8.3	14
105	SEARCH FOR GeV GAMMA-RAY BURSTS WITH THE ARGO-YBJ DETECTOR: SUMMARY OF EIGHT YEARS OF OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 794, 82.	4.5	11
106	Radon contribution to single particle counts of the ARGO-YBJ detector. <i>Radiation Measurements</i> , 2014, 68, 42-48.	1.4	1
107	Latest results on cosmic ray physics from the ARGO-YBJ experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 742, 2-9.	1.6	5
108	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.	4.1	6

#	ARTICLE	IF	CITATIONS
109	Identifying clouds over the Pierre Auger Observatory using infrared satellite data. <i>Astroparticle Physics</i> , 2013, 50-52, 92-101.	4.3	8
110	CORAM (COsmic RAY Mission): An outreach program one century after Pacini and Hess works. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013, 239-240, 245-249.	0.4	1
111	OBSERVATION OF TeV GAMMA RAYS FROM THE UNIDENTIFIED SOURCE HESS J1841-055 WITH THE ARGO-YBJ EXPERIMENT. <i>Astrophysical Journal</i> , 2013, 767, 99.	4.5	25
112	TeV GAMMA-RAY SURVEY OF THE NORTHERN SKY USING THE ARGO-YBJ DETECTOR. <i>Astrophysical Journal</i> , 2013, 779, 27.	4.5	64
113	Ultrahigh Energy Neutrinos at the Pierre Auger Observatory. <i>Advances in High Energy Physics</i> , 2013, 2013, 1-18.	1.1	39
114	Generating a Minimal Set of Templates for the Hippocampal Region in MR Neuroimages. <i>Journal of Neuroimaging</i> , 2013, 23, 473-483.	2.0	6
115	Medium scale anisotropy in the TeV cosmic ray flux observed by ARGO-YBJ. <i>Physical Review D</i> , 2013, 88, .	4.7	57
116	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.	5.4	27
117	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.	8.3	67
118	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.	5.4	34
119	The AMY experiment to measure GHz radiation for Ultra-High Energy Cosmic Ray detection. <i>Journal of Physics: Conference Series</i> , 2013, 409, 012082.	0.4	0
120	The Air Microwave Yield (AMY) experiment to measure the GHz emission from air shower plasmas. <i>EPJ Web of Conferences</i> , 2013, 53, 08011.	0.3	6
121	Interactions of Cosmic Rays in the primary energy range (0.1-1) PeV studied by the ARGO-YBJ Experiment. <i>EPJ Web of Conferences</i> , 2013, 52, 07001.	0.3	0
122	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.	8.3	55
123	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.	1.2	95
124	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.	7.8	212
125	Publisher's Note: Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory [ <i>Phys. Rev. D</i> 84, 122005 (2011)]. <i>Physical Review D</i> , 2012, 85, .	4.7	8
126	Light-component spectrum of the primary cosmic rays in the multi-TeV region measured by the ARGO-YBJ experiment. <i>Physical Review D</i> , 2012, 85, .	4.7	49



#	ARTICLE	IF	CITATIONS
127	A SEARCH FOR POINT SOURCES OF EeV NEUTRONS. <i>Astrophysical Journal</i> , 2012, 760, 148.	4.5	27
128	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.	7.7	44
129	Highlights from the ARGO-YBJ Experiment. <i>Journal of Physics: Conference Series</i> , 2012, 375, 052027.	0.4	0
130	OBSERVATION OF THE TeV GAMMA-RAY SOURCE MGRO J1908+06 WITH ARGO-YBJ. <i>Astrophysical Journal</i> , 2012, 760, 110.	4.5	38
131	Fully automated hippocampus segmentation with virtual ant colonies. , 2012, , .		5
132	Measurement of the cosmic ray antiproton/proton flux ratio at TeV energies with the ARGO-YBJ detector. <i>Physical Review D</i> , 2012, 85, .	4.7	22
133	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.	5.4	6
134	OBSERVATION OF TeV GAMMA RAYS FROM THE CYGNUS REGION WITH THE ARGO-YBJ EXPERIMENT. <i>Astrophysical Journal Letters</i> , 2012, 745, L22.	8.3	51
135	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.	4.3	32
136	Description of atmospheric conditions at the Pierre Auger Observatory using the Global Data Assimilation System (GDAS). <i>Astroparticle Physics</i> , 2012, 35, 591-607.	4.3	66
137	Highlights from the ARGO-YBJ experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 661, S50-S55.	1.6	20
138	Calibration of the RPC charge readout in the ARGO-YBJ experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 661, S56-S59.	1.6	17
139	LONG-TERM MONITORING OF MRK 501 FOR ITS VERY HIGH ENERGY $\gamma$ EMISSION AND A FLARE IN 2011 OCTOBER. <i>Astrophysical Journal</i> , 2012, 758, 2.	4.5	49
140	Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. <i>Physical Review D</i> , 2011, 84, .	4.7	51
141	Local MRI analysis approach in the diagnosis of early and prodromal Alzheimer's disease. <i>NeuroImage</i> , 2011, 58, 469-480.	4.2	161
142	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.	5.4	9
143	LONG-TERM MONITORING OF THE TeV EMISSION FROM Mrk 421 WITH THE ARGO-YBJ EXPERIMENT. <i>Astrophysical Journal</i> , 2011, 734, 110.	4.5	67
144	MEAN INTERPLANETARY MAGNETIC FIELD MEASUREMENT USING THE ARGO-YBJ EXPERIMENT. <i>Astrophysical Journal</i> , 2011, 729, 113.	4.5	23

#	ARTICLE	IF	CITATIONS
145	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.	1.2	16
146	Approaches to juxta-pleural nodule detection in CT images within the MAGIC-5 Collaboration. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 648, S103-S106.	1.6	11
147	Early warning for VHE gamma-ray flares with the ARGO-YBJ detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 659, 428-433.	1.6	1
148	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.	4.3	16
149	Automatic Lung Segmentation in CT Images with Accurate Handling of the Hilar Region. <i>Journal of Digital Imaging</i> , 2011, 24, 11-27.	2.9	74
150	The exposure of the hybrid detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 34, 368-381.	4.3	54
151	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.	4.3	73
152	Cosmic ray physics with the ARGO-YBJ experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 630, 99-102.	1.6	0
153	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.	1.6	52
154	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.	5.4	24
155	Observation of the cosmic ray moon shadowing effect with the ARGO-YBJ experiment. <i>Physical Review D</i> , 2011, 84, .	4.7	63
156	Algorithms for automatic detection of lung nodules in CT scans. , 2011, , .		4
157	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.	4.3	84
158	Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter. <i>Astroparticle Physics</i> , 2010, 34, 314-326.	4.3	270
159	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.	1.6	151
160	Measurement of the energy spectrum of cosmic rays above 10 <sup>18</sup> eV using the Pierre Auger Observatory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 685, 239-246.	4.1	357
161	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.	1.6	275
162	GAMMA-RAY FLARES FROM Mrk421 IN 2008 OBSERVED WITH THE ARGO-YBJ DETECTOR. <i>Astrophysical Journal Letters</i> , 2010, 714, L208-L212.	8.3	46

#	ARTICLE	IF	CITATIONS
163	Measurement of the Depth of Maximum of Extensive Air Showers above $10^{18}$ eV. Physical Review Letters, 2010, 104, 091101.	7.8	429
164	SEARCH FOR GAMMA RAY BURSTS WITH THE ARGO-YBJ DETECTOR IN SCALER MODE. Astrophysical Journal, 2009, 699, 1281-1287.	4.5	29
165	Measurement of the proton-air cross section with ARGO-YBJ. Nuclear Physics, Section B, Proceedings Supplements, 2009, 196, 325-328.	0.4	0
166	Temperature effect on RPC performance in the ARGO-YBJ experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, 246-250.	1.6	49
167	ARGO-YBJ constraints on very high energy emission from GRBs. Astroparticle Physics, 2009, 32, 47-52.	4.3	17
168	Atmospheric effects on extensive air showers observed with the surface detector of the Pierre Auger observatory. Astroparticle Physics, 2009, 32, 89-99.	4.3	43
169	Software timing calibration of the ARGO-YBJ detector. Astroparticle Physics, 2009, 30, 287-292.	4.3	40
170	Upper limit on the cosmic-ray photon fraction at EeV energies from the Pierre Auger Observatory. Astroparticle Physics, 2009, 31, 399-406.	4.3	117
171	Proton-air cross section measurement with the ARGO-YBJ cosmic ray experiment. Physical Review D, 2009, 80, .	4.7	56
172	Limit on the diffuse flux of ultrahigh energy tau neutrinos with the surface detector of the Pierre Auger Observatory. Physical Review D, 2009, 79, .	4.7	99
173	Automatic analysis of medial temporal lobe atrophy from structural MRIs for the early assessment of Alzheimer disease. Medical Physics, 2009, 36, 3737-3747.	3.0	39
174	Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei. Astroparticle Physics, 2008, 29, 188-204.	4.3	305
175	Upper limit on the cosmic-ray photon flux above 10 <sup>19</sup> eV using the surface detector of the Pierre Auger Observatory. Astroparticle Physics, 2008, 29, 243-256.	4.3	161
176	Scaler mode technique for the ARGO-YBJ detector. Astroparticle Physics, 2008, 30, 85-95.	4.3	39
177	Network P2P for exploring and visualization of proteomic data produced by two dimensional electrophoresis. , 2008, , .		1
178	Network P2P for Exploring and Visualization of Proteomic Data: Possibility of Handling Data and Analysing Them under Different Perspectives. , 2008, , .		1
179	Integrated model for the analysis of two-dimensional electrophoresis gel image. , 2008, , .		0
180	Automatic Localization of the Hippocampal Region in MR Images to Assess Early Diagnosis of Alzheimer's Disease in MCI Patients. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
181	An innovative lung segmentation algorithm in CT images with accurate delimitation of the hilus pulmonis. , 2008, , .		2
182	Observation of the Suppression of the Flux of Cosmic Rays above $4 \times 10^{19}$ eV. Physical Review Letters, 2008, 101, 061101.	7.8	500
183	Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. Science, 2007, 318, 938-943.	12.6	647
184	Multi-scale analysis of lung computed tomography images. Journal of Instrumentation, 2007, 2, P09007-P09007.	1.2	8
185	A CAD system for nodule detection in low-dose lung CTs based on region growing and a new active contour model. Medical Physics, 2007, 34, 4901-4910.	3.0	91
186	An upper limit to the photon fraction in cosmic rays above 10 <sup>19</sup> eV from the Pierre Auger Observatory. Astroparticle Physics, 2007, 27, 155-168.	4.3	90
187	The Status of the ARGO Experiment at YBJ. Nuclear Physics, Section B, Proceedings Supplements, 2007, 166, 96-102.	0.4	8
188	Distributed medical images analysis on a Grid infrastructure. Future Generation Computer Systems, 2007, 23, 475-484.	7.5	25
189	Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory. Astroparticle Physics, 2007, 27, 244-253.	4.3	51
190	ARGO-YBJ: Status and First Results. Nuclear Physics, Section B, Proceedings Supplements, 2007, 165, 66-73.	0.4	4
191	VERY HIGH ENERGY GAMMA-RAY ASTRONOMY AND COSMIC RAY PHYSICS WITH ARGO-YBJ. , 2007, , .		0
192	Layout and performance of RPCs used in the Argo-YBJ experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 562, 92-96.	1.6	160
193	A completely automated CAD system for mass detection in a large mammographic database. Medical Physics, 2006, 33, 3066-3075.	3.0	92
194	A massive lesion detection algorithm in mammography. Physica Medica, 2005, 21, 23-30.	0.7	15
195	Preprocessing methods for nodule detection in lung CT. International Congress Series, 2005, 1281, 1099-1103.	0.2	9
196	Measurements of atmospheric muon neutrino oscillations, global analysis of the data collected with MACRO detector. European Physical Journal C, 2004, 36, 323-339.	3.9	100
197	Search for stellar gravitational collapses with the MACRO detector. European Physical Journal C, 2004, 37, 265-272.	3.9	9
198	The cosmic ray primary composition between 1015 and 1016 eV from Extensive Air Showers electromagnetic and TeV muon data. Astroparticle Physics, 2004, 20, 641-652.	4.3	71

#	ARTICLE	IF	CITATIONS
199	The cosmic ray proton, helium and CNO fluxes in the 100 TeV energy region from TeV muons and EAS atmospheric Cherenkov light observations of MACRO and EAS-TOP. <i>Astroparticle Physics</i> , 2004, 21, 223-240.	4.3	47
200	Multiscale image analysis applied to $\hat{I}^3/h$ discrimination for VHE gamma-ray astronomy with ARGO-YBJ. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 525, 132-136.	1.6	4
201	IMAGE ANALYSIS APPLIED TO $\hat{I}^3/H$ ADRON DISCRIMINATION IN THE ARGO-YBJ EXPERIMENT. , 2004, , .		0
202	Search for GUT magnetic monopoles and nuclearites with the MACRO experiment. <i>Radiation Measurements</i> , 2003, 36, 301-305.	1.4	3
203	Calibrations of CR39 and Makrofol nuclear track detectors and search for exotic particles. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003, 125, 217-221.	0.4	1
204	Moon and Sun shadowing effect in the MACRO detector. <i>Astroparticle Physics</i> , 2003, 20, 145-156.	4.3	29
205	Atmospheric neutrino oscillations from upward throughgoing muon multiple scattering in MACRO. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 566, 35-44.	4.1	97
206	Search for cosmic ray sources using muons detected by the MACRO experiment. <i>Astroparticle Physics</i> , 2003, 18, 615-627.	4.3	9
207	Search for diffuse neutrino flux from astrophysical sources with MACRO. <i>Astroparticle Physics</i> , 2003, 19, 1-13.	4.3	35
208	Measurement of the residual energy of muons in the Gran Sasso underground laboratories. <i>Astroparticle Physics</i> , 2003, 19, 313-328.	4.3	32
209	Search for the sidereal and solar diurnal modulations in the total MACRO muon data set. <i>Physical Review D</i> , 2003, 67, .	4.7	52
210	RESULTS OF DARK MATTER SEARCHES WITH THE MACRO EXPERIMENT. , 2003, , .		0
211	A combined analysis technique for the search for fast magnetic monopoles with the MACRO detector. <i>Astroparticle Physics</i> , 2002, 18, 27-41.	4.3	9
212	Nuclear re-interaction effects in quasi-elastic neutrino nucleus scattering. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002, 112, 210-214.	0.4	18
213	Results of the R&D program on a magnetized SCIFI calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 478, 336-339.	1.6	0
214	Evaluation of candidate photomultiplier tubes for the NOE scintillating fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 483, 660-669.	1.6	1
215	Muon energy estimate through multiple scattering with the MACRO detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 492, 376-386.	1.6	18
216	Search for massive rare particles with MACRO. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002, 110, 186-188.	0.4	2

#	ARTICLE	IF	CITATIONS
217	Search for nucleon decays induced by GUT magnetic monopoles with the MACRO experiment. European Physical Journal C, 2002, 26, 163-172.	3.9	28
218	Final results of magnetic monopole searches with the MACRO experiment. European Physical Journal C, 2002, 25, 511-522.	3.9	158
219	Search for massive rare particles with MACRO. Nuclear Physics, Section B, Proceedings Supplements, 2002, 110, 186-188.	0.4	0
220	Neutrino Astronomy with the MACRO Detector. Astrophysical Journal, 2001, 546, 1038-1054.	4.5	65
221	Matter effects in upward-going muons and sterile neutrino oscillations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 59-66.	4.1	151
222	Wavelength-shifting fibers for calorimetric measurements in a long base line neutrino oscillation experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 457, 447-453.	1.6	2
223	A transition radiation detector interleaved with low-density targets for the NOE experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 459, 108-122.	1.6	2
224	R&D results from the NOE scintillating fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 459, 123-134.	1.6	6
225	Results of the R&D activity on the NOE scintillating fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 461, 314-315.	1.6	0
226	Performance of a magnetized calorimeter for a long baseline neutrino oscillation experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 474, 224-237.	1.6	2
227	Effects of nuclear re-interactions in quasi-elastic neutrino-nucleus scattering. Astroparticle Physics, 2001, 16, 145-155.	4.3	27
228	Search for GUT monopoles and massive exotic particles with MACRO. Nuclear Physics, Section B, Proceedings Supplements, 2001, 95, 82-85.	0.4	2
229	Electron beam generation from semiconductor photocathodes. Review of Scientific Instruments, 2001, 72, 63-67.	1.3	1
230	Scintillation efficiency of nuclear recoil in liquid xenon. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 449, 147-157.	1.6	63
231	Low energy atmospheric muon neutrinos in MACRO. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 5-13.	4.1	73
232	ICARUS 600 ton: A status report. Nuclear Physics, Section B, Proceedings Supplements, 2000, 85, 119-124.	0.4	4
233	Search for lightly ionizing particles with the MACRO detector. Physical Review D, 2000, 62, .	4.7	17
234	High statistics measurement of the underground muon pair separation at Gran Sasso. Physical Review D, 1999, 60, .	4.7	21

#	ARTICLE	IF	CITATIONS
235	Limits on dark matter WIMPs using upward-going muons in the MACRO detector. Physical Review D, 1999, 60, .	4.7	74
236	Measurement of the energy spectrum of underground muons at Gran Sasso with a transition radiation detector. Astroparticle Physics, 1999, 10, 11-20.	4.3	27
237	The measurement of upward going muons using the MACRO detector. Nuclear Physics, Section B, Proceedings Supplements, 1999, 70, 367-370.	0.4	1
238	Relevance of the hadronic interaction model in the interpretation of multiple muon data as detected with the MACRO experiment. Nuclear Physics, Section B, Proceedings Supplements, 1999, 75, 265-268.	0.4	2
239	Detection of scintillation light in coincidence with ionizing tracks in a liquid argon time projection chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 432, 240-248.	1.6	28
240	The observation of up-going charged particles produced by high energy muons in underground detectors. Astroparticle Physics, 1998, 9, 105-117.	4.3	36
241	Calibration of BC501A liquid scintillator cells with monochromatic neutron beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 418, 285-299.	1.6	36
242	Real time supernova neutrino burst detection with MACRO. Astroparticle Physics, 1998, 8, 123-133.	4.3	17
243	Performance evaluation of a hit finding algorithm for the ICARUS detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 412, 440-453.	1.6	6
244	Measurement of the atmospheric neutrino-induced upgoing muon flux using MACRO. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 451-457.	4.1	315
245	Observation of the shadowing of cosmic rays by the Moon using a deep underground detector. Physical Review D, 1998, 59, .	4.7	14
246	High energy cosmic ray physics with underground muons in MACRO. II. Primary spectra and composition. Physical Review D, 1997, 56, 1418-1436.	4.7	26
247	High energy cosmic ray physics with underground muons in MACRO. I. Analysis methods and experimental results. Physical Review D, 1997, 56, 1407-1417.	4.7	17
248	Energy loss of supermassive magnetic monopoles and dyons in main sequence stars. Physical Review D, 1997, 55, 6584-6590.	4.7	3
249	Magnetic monopole search with the MACRO detector at Gran Sasso. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 249-255.	4.1	27
250	Seasonal variations in the underground muon intensity as seen by MACRO. Astroparticle Physics, 1997, 7, 109-124.	4.3	107
251	High energy cosmic ray physics with the MACRO experiment at Gran Sasso. Nuclear Physics, Section B, Proceedings Supplements, 1997, 52, 172-175.	0.4	0
252	The performance of MACRO liquid scintillator in the search for magnetic monopoles with $10^{-3} < \hat{l}^2 < 1$ . Astroparticle Physics, 1997, 6, 113-128.	4.3	18

#	ARTICLE	IF	CITATIONS
253	Systematic study of the features of the streamer discharge by means of pulse shape analysis. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 399, 244-260.	1.6	7
254	Response of proportional and streamer tubes to laser induced high ionization tracks. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 401, 309-316.	1.6	6
255	Search for neutrinos from the Sun and the Earth with the MACRO detector. Nuclear Physics, Section B, Proceedings Supplements, 1996, 48, 87-90.	0.4	1
256	Atmospheric neutrino flux measurement using upgoing muons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 481-486.	4.1	83
257	Magnetic monopole trigger with streamer tubes in the MACRO experiment at Gran Sasso. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 311-313.	1.6	1
258	Performance of the MACRO streamer tube system in the search for magnetic monopoles. Astroparticle Physics, 1995, 4, 33-43.	4.3	26
259	Vertical muon intensity measured with MACRO at the Gran Sasso laboratory. Physical Review D, 1995, 52, 3793-3802.	4.7	149
260	Detection and classification of microcalcifications clusters in digitized mammograms. , 0, , .		2
261	The MAGIC-5 project: medical applications on a grid infrastructure connection. , 0, , .		16