

Dmitri Semikoz

List of Publications by Year in descending order

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159
papers

8,852
citations

46984

47
h-index

43868

91
g-index

159
all docs

159
docs citations

159
times ranked

4076
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. <i>Science</i> , 2007, 318, 938-943.	6.0	647
2	Letter of intent for KM3NeT 2.0. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 084001.	1.4	512
3	Observation of the Suppression of the Flux of Cosmic Rays above 4×10^{19} eV. <i>Physical Review Letters</i> , 2008, 101, 061101.	2.9	500
4	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
5	Measurement of the energy spectrum of cosmic rays above 1018 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
6	Cosmological bounds on neutrino degeneracy improved by flavor oscillations. <i>Nuclear Physics B</i> , 2002, 632, 363-382.	0.9	305
7	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
8	Kinetics of Bose Condensation. <i>Physical Review Letters</i> , 1995, 74, 3093-3097.	2.9	172
9	Sensitivity of $\hat{\nu}^3$ -ray telescopes for detection of magnetic fields in the intergalactic medium. <i>Physical Review D</i> , 2009, 80, .	1.6	162
10	Upper limit on the cosmic-ray photon flux above 1019eV using the surface detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2008, 29, 243-256.	1.9	161
11	Non-equilibrium corrections to the spectra of massless neutrinos in the early universe. <i>Nuclear Physics B</i> , 1997, 503, 426-444.	0.9	158
12	Ultra-high-energy neutrino fluxes and their constraints. <i>Physical Review D</i> , 2002, 66, .	1.6	152
13	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
14	Upper Limit on the Diffuse Flux of Ultra-high Energy Tau Neutrinos from the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2008, 100, 211101.	2.9	141
15	Physics of synchronized neutrino oscillations caused by self-interactions. <i>Physical Review D</i> , 2002, 65, .	1.6	132
16	Heavy sterile neutrinos: bounds from big-bang nucleosynthesis and SN 1987A. <i>Nuclear Physics B</i> , 2000, 590, 562-574.	0.9	129
17	Condensation of bosons in the kinetic regime. <i>Physical Review D</i> , 1997, 55, 489-502.	1.6	126
18	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

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19	<i>FERMI</i> /LAT OBSERVATIONS OF 1ES 0229+200: IMPLICATIONS FOR EXTRAGALACTIC MAGNETIC FIELDS AND BACKGROUND LIGHT. <i>Astrophysical Journal Letters</i> , 2012, 747, L14.	3.0	113
20	Ultra-high energy neutrino fluxes: new constraints and implications. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 003-003.	1.9	107
21	An evaluation of the exposure in nadir observation of the JEM-EUSO mission. <i>Astroparticle Physics</i> , 2013, 44, 76-90.	1.9	102
22	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
23	An upper limit to the photon fraction in cosmic rays above 1019eV from the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2007, 27, 155-168.	1.9	90
24	Bounds on heavy sterile neutrinos revisited. <i>Journal of High Energy Physics</i> , 2005, 2005, 028-028.	1.6	87
25	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
26	Cosmological and astrophysical bounds on a heavy sterile neutrino and the KARMEN anomaly. <i>Nuclear Physics B</i> , 2000, 580, 331-351.	0.9	83
27	DETECTION OF VERY HIGH ENERGY $\hat{\nu}^3$ -RAY EMISSION FROM THE PERSEUS CLUSTER HEAD-TAIL GALAXY IC 310 BY THE MAGIC TELESCOPES. <i>Astrophysical Journal Letters</i> , 2010, 723, L207-L212.	3.0	78
28	Signatures of a Two Million Year Old Supernova in the Spectra of Cosmic Ray Protons, Antiprotons, and Positrons. <i>Physical Review Letters</i> , 2015, 115, 181103.	2.9	77
29	Supernova pointing with low- and high-energy neutrino detectors. <i>Physical Review D</i> , 2003, 68, .	1.6	74
30	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
31	Cosmic ray anisotropy as signature for the transition from galactic to extragalactic cosmic rays. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 031-031.	1.9	71
32	GZK photons as ultra-high-energy cosmic rays. <i>Journal of Experimental and Theoretical Physics</i> , 2008, 106, 1061-1082.	0.2	69
33	PeV neutrinos from interactions of cosmic rays with the interstellar medium in the Galaxy. <i>Physical Review D</i> , 2014, 89, .	1.6	69
34	Gamma-ray induced cascades and magnetic fields in the intergalactic medium. <i>Physical Review D</i> , 2009, 80, .	1.6	68
35	Evidence the Galactic contribution to the IceCube astrophysical neutrino flux. <i>Astroparticle Physics</i> , 2016, 75, 60-63.	1.9	68
36	Non-equilibrium corrections to the spectra of massless neutrinos in the early universe. <i>Nuclear Physics B</i> , 1999, 543, 269-274.	0.9	66

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37	Reconciling the ultra-high energy cosmic ray spectrum with Fermi shock acceleration. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 634, 143-147.	1.5	63
38	Ultrahigh energy cosmic rays from neutrino emitting acceleration sources?. <i>Physical Review D</i> , 2002, 65, .	1.6	62
39	Earth-skimming UHE tau neutrinos at the fluorescence detector of Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2005, 23, 65-77.	1.9	59
40	Low-Energy Break in the Spectrum of Galactic Cosmic Rays. <i>Physical Review Letters</i> , 2012, 108, 051105.	2.9	59
41	TERRESTRIAL EFFECTS OF NEARBY SUPERNOVAE IN THE EARLY PLEISTOCENE. <i>Astrophysical Journal Letters</i> , 2016, 826, L3.	3.0	59
42	The exposure of the hybrid detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 34, 368-381.	1.9	54
43	Ultra-high energy cosmic ray production in the polar cap regions of black hole magnetospheres. <i>New Journal of Physics</i> , 2009, 11, 065015.	1.2	53
44	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
45	Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory. <i>Astroparticle Physics</i> , 2007, 27, 244-253.	1.9	51
46	A method of measurement of extragalactic magnetic fields by TeV gamma ray telescopes. <i>JETP Letters</i> , 2007, 85, 473-477.	0.4	50
47	Search for an extended VHE γ -ray emission from Mrk 421 and Mrk 501 with the MAGIC Telescope. <i>Astronomy and Astrophysics</i> , 2010, 524, A77.	2.1	50
48	Gamma-ray constraints on maximum cosmogenic neutrino fluxes and UHECR source evolution models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 044-044.	1.9	48
49	Spectral Distortion of Cosmic Microwave Background Radiation by Scattering on Hot Electrons: Exact Calculations. <i>Astrophysical Journal</i> , 2001, 554, 74-84.	1.6	47
50	Neutrinos in IceCube from active galactic nuclei. <i>Journal of Experimental and Theoretical Physics</i> , 2015, 120, 541-548.	0.2	46
51	Standard model neutrinos as warm dark matter. <i>Physical Review D</i> , 2001, 64, .	1.6	45
52	Which blazars are neutrino loud?. <i>Physical Review D</i> , 2002, 66, .	1.6	45
53	The JEM-EUSO instrument. <i>Experimental Astronomy</i> , 2015, 40, 19-44.	1.6	45
54	A Supernova at 50 pc: Effects on the Earth's Atmosphere and Biota. <i>Astrophysical Journal</i> , 2017, 840, 105.	1.6	44

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55	Reconciling cosmic ray diffusion with Galactic magnetic field models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 051-051.	1.9	44
56	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
57	Ultrahigh energy nuclei in the turbulent Galactic magnetic field. <i>Astroparticle Physics</i> , 2011, 35, 192-200.	1.9	42
58	No evidence for gamma-ray halos around active galactic nuclei resulting from intergalactic magnetic fields. <i>Astronomy and Astrophysics</i> , 2011, 526, A90.	2.1	41
59	Ultra-high energy cosmic rays from a finite number of point sources. <i>Astroparticle Physics</i> , 2005, 23, 486-492.	1.9	40
60	Very high-energy γ -ray emission from IC 310. <i>Astronomy and Astrophysics</i> , 2010, 519, L6.	2.1	40
61	Very hard gamma-ray emission from a flare of Mrk 501. <i>Astronomy and Astrophysics</i> , 2012, 541, A31.	2.1	40
62	Neutrino oscillations in the early universe: how can large lepton asymmetry be generated?. <i>Astroparticle Physics</i> , 2000, 14, 79-90.	1.9	39
63	Implications of strong intergalactic magnetic fields for ultrahigh-energy cosmic-ray astronomy. <i>Physical Review D</i> , 2017, 96, .	1.6	39
64	Ultrahigh energy cosmic rays and the GeV-TeV diffuse gamma-ray flux. <i>Physical Review D</i> , 2009, 79, .	1.6	38
65	The JEM-EUSO mission: An introduction. <i>Experimental Astronomy</i> , 2015, 40, 3-17.	1.6	38
66	First Measurement of Cluster Temperature Using the Thermal Sunyaev-Zeldovich Effect. <i>Astrophysical Journal</i> , 2002, 573, L69-L71.	1.6	38
67	IMPRINT OF A 2 MILLION YEAR OLD SOURCE ON THE COSMIC-RAY ANISOTROPY. <i>Astrophysical Journal Letters</i> , 2015, 809, L23.	3.0	37
68	Escape model for Galactic cosmic rays and an early extragalactic transition. <i>Physical Review D</i> , 2015, 91, .	1.6	36
69	Cosmic ray signatures of a ~ 3 Myr old local supernova. <i>Physical Review D</i> , 2018, 97, .	1.6	35
70	Sensitivity of a proposed space-based Cherenkov astrophysical-neutrino telescope. <i>Physical Review D</i> , 2017, 95, .	1.6	34
71	ULTRA HIGH ENERGY COSMIC RAYS: PROPAGATION IN THE GALAXY AND ANISOTROPY. <i>Modern Physics Letters A</i> , 2001, 16, 2505-2515.	0.5	33
72	Gamma-ray bursts and the origin of galactic positrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 636, 20-24.	1.5	33

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73	DEGREE-SCALE GeV \rightarrow JETS \leftarrow FROM ACTIVE AND DEAD TeV BLAZARS. <i>Astrophysical Journal Letters</i> , 2010, 719, L130-L133.	3.0	33
74	Ultra-high energy nuclei in the galactic magnetic field. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 036-036.	1.9	31
75	Explaining the spectra of cosmic ray groups above the knee by escape from the Galaxy. <i>Physical Review D</i> , 2014, 90, .	1.6	31
76	The EUSO-Balloon pathfinder. <i>Experimental Astronomy</i> , 2015, 40, 281-299.	1.6	31
77	Multimessenger gamma-ray counterpart of the IceCube neutrino signal. <i>Physical Review D</i> , 2018, 98, .	1.6	30
78	Cosmic-ray spectrum in the local Galaxy. <i>Astronomy and Astrophysics</i> , 2017, 606, A22.	2.1	29
79	Minimal model for extragalactic cosmic rays and neutrinos. <i>Physical Review D</i> , 2017, 96, .	1.6	29
80	Axionlike particles as ultra-high energy cosmic rays?. <i>Physical Review D</i> , 2001, 64, .	1.6	28
81	Large-Scale Extragalactic Jets Powered by Very-High-Energy Gamma Rays. <i>Physical Review Letters</i> , 2002, 89, 051101.	2.9	28
82	Clustering of ultra-high energy cosmic ray arrival directions on medium scales. <i>Astroparticle Physics</i> , 2006, 26, 10-15.	1.9	28
83	JEM-EUSO: Meteor and nuclearite observations. <i>Experimental Astronomy</i> , 2015, 40, 253-279.	1.6	27
84	Strong constraints on hadronic models of blazar activity from <i>Fermi</i> and IceCube stacking analysis. <i>Astronomy and Astrophysics</i> , 2017, 603, A135.	2.1	27
85	EUSO-TA \leftarrow First results from a ground-based EUSO telescope. <i>Astroparticle Physics</i> , 2018, 102, 98-111.	1.9	27
86	Filamentary Diffusion of Cosmic Rays on Small Scales. <i>Physical Review Letters</i> , 2012, 108, 261101.	2.9	26
87	Unified model for cosmic rays above 10^{17} eV and the diffuse gamma-ray and neutrino backgrounds. <i>Physical Review D</i> , 2015, 92, .	1.6	26
88	New hadrons as ultra-high energy cosmic rays. <i>Physical Review D</i> , 2003, 68, .	1.6	25
89	Galactic and extragalactic contributions to the astrophysical muon neutrino signal. <i>Physical Review D</i> , 2016, 93, .	1.6	25
90	Neutrinos from extra-large Hadron Collider in the Milky Way. <i>Astroparticle Physics</i> , 2016, 72, 32-37.	1.9	25

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91	Anisotropic cosmic ray diffusion and its implications for gamma-ray astronomy. <i>Physical Review D</i> , 2013, 88, .	1.6	22
92	Greisenâ€Zatsepinâ€Kuzmin photons above 10 EeV. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 002-002.	1.9	21
93	Gravitational wave signal from primordial magnetic fields in the Pulsar Timing Array frequency band. <i>Physical Review D</i> , 2022, 105, .	1.6	21
94	Unstable massive tau-neutrinos and primordial nucleosynthesis. <i>Nuclear Physics B</i> , 1999, 548, 385-407.	0.9	20
95	GZK photons in the minimal ultra-high energy cosmic rays model. <i>Astroparticle Physics</i> , 2007, 28, 390-396.	1.9	20
96	UHECR observations and lensing in the magnetic field of the Virgo cluster. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 033-033.	1.9	19
97	Galactic diffuse gamma-ray emission at TeV energy. <i>Astronomy and Astrophysics</i> , 2020, 633, A94.	2.1	19
98	The northern site of the Pierre Auger Observatory. <i>New Journal of Physics</i> , 2010, 12, 035001.	1.2	18
99	Ultra-violet imaging of the night-time earth by EUSO-Balloon towards space-based ultra-high energy cosmic ray observations. <i>Astroparticle Physics</i> , 2019, 111, 54-71.	1.9	18
100	Measuring parameters of active galactic nuclei central engines with very high energy $\hat{\beta}$ -ray flares. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 949-958.	1.6	17
101	Cosmic ray oriented performance studies for the JEM-EUSO first level trigger. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 866, 150-163.	0.7	17
102	Impact of massive tau-neutrinos on primordial nucleosynthesis. Exact calculations. <i>Nuclear Physics B</i> , 1998, 524, 621-638.	0.9	16
103	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
104	Origin of TeV Galactic cosmic rays. <i>Physical Review D</i> , 2012, 85, .	1.6	16
105	Ground-based tests of JEM-EUSO components at the Telescope Array site, â€EUSO-TAâ€: <i>Experimental Astronomy</i> , 2015, 40, 301-314.	1.6	16
106	JEM-EUSO observational technique and exposure. <i>Experimental Astronomy</i> , 2015, 40, 117-134.	1.6	16
107	Search for single sources of ultra high energy cosmic rays on the sky. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 022-022.	1.9	15
108	High Galactic latitude Fermi sources of $\hat{\beta}$ -rays with energies above 100 GeV. <i>Astronomy and Astrophysics</i> , 2011, 529, A59.	2.1	15

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109	First observations of speed of light tracks by a fluorescence detector looking down on the atmosphere. <i>Journal of Instrumentation</i> , 2018, 13, P05023-P05023.	0.5	15
110	Pion decay model of the Tibet- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">AS \hat{\Gamma}^3 \rangle$ PeV gamma-ray signal. <i>Physical Review D</i> , 2021, 104, .	1.6	15
111	Superheavy dark matter as UHECR source versus the SUGAR data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 577, 1-9.	1.5	13
112	Cosmic-ray composition measurements and cosmic ray background-free $\hat{\Gamma}^3$ -ray observations with Cherenkov telescopes. <i>Physical Review D</i> , 2016, 94, .	1.6	13
113	High-energy Neutrinos from Galactic Superbubbles. <i>Astrophysical Journal Letters</i> , 2018, 861, L19.	3.0	13
114	LHAASO telescope sensitivity to diffuse gamma-ray signals from the Galaxy. <i>Physical Review D</i> , 2020, 102, .	1.6	13
115	Search for decaying eV-mass axion-like particles using gamma-ray signal from blazars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 064-064.	1.9	13
116	Particle acceleration and formation of jets in the cores of active galactic nuclei. <i>New Astronomy Reviews</i> , 2003, 47, 693-696.	5.2	12
117	Search for spectral features in extragalactic background light with gamma-ray telescopes. <i>Astronomy and Astrophysics</i> , 2020, 633, A74.	2.1	12
118	Extraction of cluster parameters with future Sunyaev-Zel'dovich observations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2003, 2003, 007-007.	1.9	11
119	EXTRAGALACTIC VERY HIGH ENERGY GAMMA-RAY BACKGROUND. <i>Astrophysical Journal</i> , 2012, 757, 61.	1.6	11
120	Space experiment TUS on board the Lomonosov satellite as pathfinder of JEM-EUSO. <i>Experimental Astronomy</i> , 2015, 40, 315-326.	1.6	11
121	The JEM-EUSO observation in cloudy conditions. <i>Experimental Astronomy</i> , 2015, 40, 135-152.	1.6	10
122	The atmospheric monitoring system of the JEM-EUSO instrument. <i>Experimental Astronomy</i> , 2015, 40, 45-60.	1.6	10
123	Radio-to-Gamma-Ray Synchrotron and Neutrino Emission from Proton-Proton Interactions in Active Galactic Nuclei. <i>JETP Letters</i> , 2021, 113, 69-74.	0.4	10
124	On the detection of individual primordial black hole explosions. <i>Astrophysical Journal</i> , 1994, 436, 254.	1.6	10
125	The GZK horizon and constraints on the cosmic ray source spectrum from observations in the GZK regime. <i>JETP Letters</i> , 2009, 88, 553-557.	0.4	9
126	Self-Consistent Model of Extragalactic Neutrino Flux from Evolving Blazar Population. <i>Journal of Experimental and Theoretical Physics</i> , 2020, 131, 265-272.	0.2	9

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127	Science of atmospheric phenomena with JEM-EUSO. <i>Experimental Astronomy</i> , 2015, 40, 239-251.	1.6	8
128	Performances of JEM-EUSO: angular reconstruction. <i>Experimental Astronomy</i> , 2015, 40, 153-177.	1.6	8
129	New limit on high Galactic latitude PeV γ -ray flux from Tibet AS γ data. <i>Astronomy and Astrophysics</i> , 2021, 653, L4.	2.1	8
130	Performances of JEM-EUSO: energy and X max reconstruction. <i>Experimental Astronomy</i> , 2015, 40, 183-214.	1.6	7
131	The infrared camera onboard JEM-EUSO. <i>Experimental Astronomy</i> , 2015, 40, 61-89.	1.6	7
132	Maximum lepton asymmetry from active-sterile neutrino oscillations in the early Universe. <i>Physical Review D</i> , 2001, 64, .	1.6	6
133	Lepton asymmetry creation in the early universe. <i>Astroparticle Physics</i> , 2002, 17, 245-261.	1.9	6
134	Method to look for imprints of ultrahigh energy nuclei sources. <i>Physical Review D</i> , 2011, 83, .	1.6	6
135	Neutrinos from the gamma-ray source eHWC J1825-134: Predictions for Km detectors. <i>Physical Review D</i> , 2021, 104, .	1.6	6
136	Calibration aspects of the JEM-EUSO mission. <i>Experimental Astronomy</i> , 2015, 40, 91-116.	1.6	5
137	Very high-energy γ -ray emission from high-redshift blazars. <i>Astronomy and Astrophysics</i> , 2015, 575, A21.	2.1	5
138	Detection prospects of the Telescope Array hotspot by space observatories. <i>Physical Review D</i> , 2016, 93, .	1.6	5
139	Ultra high energy photons and neutrinos with JEM-EUSO. <i>Experimental Astronomy</i> , 2015, 40, 215-233.	1.6	3
140	Mapping large-scale diffuse γ -ray emission in the $10^6 \sim 100$ TeV band with Cherenkov telescopes. <i>Astronomy and Astrophysics</i> , 2020, 637, A44.	2.1	3
141	Apparent superluminal neutrino propagation caused by nonlinear coherent interactions in matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 706, 462-464.	1.5	2
142	Nonequilibrium neutrino spectra in the early universe. <i>Surveys in High Energy Physics</i> , 1998, 13, 203-210.	0.6	1
143	Transition from Galactic to extragalactic cosmic rays and cosmic ray anisotropy. <i>EPJ Web of Conferences</i> , 2013, 53, 06002.	0.1	1
144	Detectability of Large Correlation Length Inflationary Magnetic Field with Cherenkov Telescopes. <i>Journal of Experimental and Theoretical Physics</i> , 2022, 134, 498-505.	0.2	1

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145	ANOMALOUS NON-CONSERVATION OF FERMION QUANTUM NUMBERS IN COMPLEX BACKGROUND GAUGE FIELDS: (1 + 1)-DIMENSIONAL ABELIAN HIGGS MODEL. <i>Modern Physics Letters A</i> , 1993, 08, 1451-1459.	0.5	0
146	Cosmological and astrophysical bounds on a 33.9 MeV sterile neutrino. <i>Surveys in High Energy Physics</i> , 2001, 15, 303-323.	0.6	0
147	Effects of atmospheric electric fields on detection of ultrahigh-energy cosmic rays. <i>Physical Review D</i> , 2004, 70, .	1.6	0
148	Neutrinos and Z-bursts. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 145, 166-169.	0.5	0
149	Constraints on masses and spins of black holes in blazars from fast TeV variability. , 2008, , .		0
150	Predictions of Ultra-High Energy neutrino fluxes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 602, 235-239.	0.7	0
151	Restrictions on cosmogenic neutrinos and UHECR from Fermi 3 years data. <i>Journal of Physics: Conference Series</i> , 2012, 375, 052012.	0.3	0
152	Deflection of ultra-high energy heavy nuclei in the Galactic magnetic field. <i>EPJ Web of Conferences</i> , 2013, 53, 06004.	0.1	0
153	The escape model for Galactic cosmic rays. <i>Journal of Physics: Conference Series</i> , 2015, 632, 012094.	0.3	0
154	Multi-messenger observations with cosmic rays, gamma-rays and neutrinos, present status and future perspectives. <i>Journal of Physics: Conference Series</i> , 2019, 1263, 012009.	0.3	0
155	Detection of very high energy gamma-ray emission from IC 310 by the MAGIC telescopes.. , 2011, , .		0
156	Galactic contribution to the IceCube astrophysical neutrino signal. , 2016, , .		0
157	Escape model for Galactic cosmic rays. , 2016, , .		0
158	Diffuse CR, neutrino and gamma-ray fluxes from starburst and star-forming galaxies within the 'escape model'. , 2016, , .		0
159	A minimal model for extragalactic high-energy particles. , 2017, , .		0