Dmitri Semikoz

List of Publications by Year
in descending order

159 papers	8,852 citations	47006 47 h-index	43889 91 g-index
159 all docs	159 docs citations	159 times ranked	4076 citing authors

#	Article	IF	Citations
1	Detectability of Large Correlation Length Inflationary Magnetic Field with Cherenkov Telescopes. Journal of Experimental and Theoretical Physics, 2022, 134, 498-505.	0.9	1
2	Gravitational wave signal from primordial magnetic fields in the Pulsar Timing Array frequency band. Physical Review D, 2022, 105, .	4.7	21
3	Radio-to-Gamma-Ray Synchrotron and Neutrino Emission from Protonâ€“Proton Interactions in Active Galactic Nuclei. JETP Letters, 2021, 113, 69-74.	1.4	10
4	Neutrinos from the gamma-ray source eHWC J1825-134: Predictions for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>Km</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mr detectors. Physical Review D, 2021, 104, .	4.7	6
5	Pion decay model of the Tibet- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>AS</mml:mi><mml:mi>Î³</mml:mi></mml:mrow></mml:math> PeV gamma-ray signal. Physical Review D, 2021, 104, .	4.7	15
6	New limit on high Galactic latitude PeV Î³-ray flux from Tibet ASÎ³ data. Astronomy and Astrophysics, 2021, 653, L4.	5.1	8
7	Self-Consistent Model of Extragalactic Neutrino Flux from Evolving Blazar Population. Journal of Experimental and Theoretical Physics, 2020, 131, 265-272.	0.9	9
8	LHAASO telescope sensitivity to diffuse gamma-ray signals from the Galaxy. Physical Review D, 2020, 102, .	4.7	13
9	Galactic diffuse gamma-ray emission at TeV energy. Astronomy and Astrophysics, 2020, 633, A94.	5.1	19
10	Search for spectral features in extragalactic background light with gamma-ray telescopes. Astronomy and Astrophysics, 2020, 633, A74.	5.1	12
11	Search for decaying eV-mass axion-like particles using gamma-ray signal from blazars. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 064-064.	5.4	13
12	Mapping large-scale diffuse Î³-ray emission in the 10âˆ’100 TeV band with Cherenkov telescopes. Astronomy and Astrophysics, 2020, 637, A44.	5.1	3
13	Multi-messenger observations with cosmic rays, gamma-rays and neutrinos, present status and future perspectives. Journal of Physics: Conference Series, 2019, 1263, 012009.	0.4	0
14	Ultra-violet imaging of the night-time earth by EUSO-Balloon towards space-based ultra-high energy cosmic ray observations. Astroparticle Physics, 2019, 111, 54-71.	4.3	18
15	Cosmic ray signatures of a 2â€“3ÂMyr old local supernova. Physical Review D, 2018, 97, .	4.7	35
16	Reconciling cosmic ray diffusion with Galactic magnetic field models. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 051-051.	5.4	44
17	EUSO-TA â€“ First results from a ground-based EUSO telescope. Astroparticle Physics, 2018, 102, 98-111.	4.3	27
18	First observations of speed of light tracks by a fluorescence detector looking down on the atmosphere. Journal of Instrumentation, 2018, 13, P05023-P05023.	1.2	15

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19	Multimessenger gamma-ray counterpart of the IceCube neutrino signal. Physical Review D, 2018, 98, .	4.7	30
20	High-energy Neutrinos from Galactic Superbubbles. Astrophysical Journal Letters, 2018, 861, L19.	8.3	13
21	A Supernova at 50 pc: Effects on the Earth's Atmosphere and Biota. Astrophysical Journal, 2017, 840, 105.	4.5	44
22	Cosmic ray oriented performance studies for the JEM-EUSO first level trigger. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 866, 150-163.	1.6	17
23	Cosmic-ray spectrum in the local Galaxy. Astronomy and Astrophysics, 2017, 606, A22.	5.1	29
24	Implications of strong intergalactic magnetic fields for ultrahigh-energy cosmic-ray astronomy. Physical Review D, 2017, 96, .	4.7	39
25	Sensitivity of a proposed space-based Cherenkov astrophysical-neutrino telescope. Physical Review D, 2017, 95, .	4.7	34
26	Minimal model for extragalactic cosmic rays and neutrinos. Physical Review D, 2017, 96, .	4.7	29
27	Strong constraints on hadronic models of blazar activity fromFermiand IceCube stacking analysis. Astronomy and Astrophysics, 2017, 603, A135.	5.1	27
28	A minimal model for extragalactic high-energy particles. , 2017, , .		0
29	Cosmic-ray composition measurements and cosmic ray background-freeÎ³-ray observations with Cherenkov telescopes. Physical Review D, 2016, 94, .	4.7	13
30	Letter of intent for KM3NeT 2.0. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 084001.	3.6	512
31	TERRESTRIAL EFFECTS OF NEARBY SUPERNOVAE IN THE EARLY PLEISTOCENE. Astrophysical Journal Letters, 2016, 826, L3.	8.3	59
32	Detection prospects of the Telescope Array hotspot by space observatories. Physical Review D, 2016, 93, .	4.7	5
33	Galactic and extragalactic contributions to the astrophysical muon neutrino signal. Physical Review D, 2016, 93, .	4.7	25
34	Evidence the Galactic contribution to the IceCube astrophysical neutrino flux. Astroparticle Physics, 2016, 75, 60-63.	4.3	68
35	Neutrinos from extra-large Hadron Collider in the Milky Way. Astroparticle Physics, 2016, 72, 32-37.	4.3	25
36	Galactic contribution to the IceCube astrophysical neutrino signal. , 2016, , .		0

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37	Escape model for Galactic cosmic rays. , 2016, , .		0
38	Diffuse CR, neutrino and gamma-ray fluxes from starburst and star-forming galaxies within the 'escape model'. , 2016, , .		0
39	Escape model for Galactic cosmic rays and an early extragalactic transition. Physical Review D, 2015, 91, .	4.7	36
40	Unified model for cosmic rays above<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mn>10</mml:mn></mml:mrow><mml:mrow><mml:mn>17</mml:mn></mml:mrow></mml:msup></mml:mrow></mml:math> eV and the diffuse gamma-ray and neutrino backgrounds. Physical Review D, 2015, 92, .	4.7	26
41	Signatures of a Two Million Year Old Supernova in the Spectra of Cosmic Ray Protons, Antiprotons, and Positrons. Physical Review Letters, 2015, 115, 181103.	7.8	77
42	Performances of JEMâ€“EUSO: energy and X max reconstruction. Experimental Astronomy, 2015, 40, 183-214.	3.7	7
43	Calibration aspects of the JEM-EUSO mission. Experimental Astronomy, 2015, 40, 91-116.	3.7	5
44	Space experiment TUS on board the Lomonosov satellite as pathfinder of JEM-EUSO. Experimental Astronomy, 2015, 40, 315-326.	3.7	11
45	The escape model for Galactic cosmic rays. Journal of Physics: Conference Series, 2015, 632, 012094.	0.4	0
46	Very high-energyÎ³-ray emission from high-redshift blazars. Astronomy and Astrophysics, 2015, 575, A21.	5.1	5
47	The infrared camera onboard JEM-EUSO. Experimental Astronomy, 2015, 40, 61-89.	3.7	7
48	Ground-based tests of JEM-EUSO components at the Telescope Array site, â€œEUSO-TAâ€• Experimental Astronomy, 2015, 40, 301-314.	3.7	16
49	The JEM-EUSO mission: An introduction. Experimental Astronomy, 2015, 40, 3-17.	3.7	38
50	The JEM-EUSO observation in cloudy conditions. Experimental Astronomy, 2015, 40, 135-152.	3.7	10
51	The atmospheric monitoring system of the JEM-EUSO instrument. Experimental Astronomy, 2015, 40, 45-60.	3.7	10
52	JEM-EUSO: Meteor and nuclearite observations. Experimental Astronomy, 2015, 40, 253-279.	3.7	27
53	The JEM-EUSO instrument. Experimental Astronomy, 2015, 40, 19-44.	3.7	45
54	Neutrinos in IceCube from active galactic nuclei. Journal of Experimental and Theoretical Physics, 2015, 120, 541-548.	0.9	46

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55	IMPRINT OF A 2 MILLION YEAR OLD SOURCE ON THE COSMIC-RAY ANISOTROPY. Astrophysical Journal Letters, 2015, 809, L23.	8.3	37
56	Science of atmospheric phenomena with JEM-EUSO. Experimental Astronomy, 2015, 40, 239-251.	3.7	8
57	The EUSO-Balloon pathfinder. Experimental Astronomy, 2015, 40, 281-299.	3.7	31
58	Performances of JEM-EUSO: angular reconstruction. Experimental Astronomy, 2015, 40, 153-177.	3.7	8
59	Ultra high energy photons and neutrinos with JEM-EUSO. Experimental Astronomy, 2015, 40, 215-233.	3.7	3
60	JEM-EUSO observational technique and exposure. Experimental Astronomy, 2015, 40, 117-134.	3.7	16
61	Explaining the spectra of cosmic ray groups above the knee by escape from the Galaxy. Physical Review D, 2014, 90, .	4.7	31
62	PeV neutrinos from interactions of cosmic rays with the interstellar medium in the Galaxy. Physical Review D, 2014, 89, .	4.7	69
63	An evaluation of the exposure in nadir observation of the JEM-EUSO mission. Astroparticle Physics, 2013, 44, 76-90.	4.3	102
64	Anisotropic cosmic ray diffusion and its implications for gamma-ray astronomy. Physical Review D, 2013, 88, .	4.7	22
65	Transition from Galactic to extragalactic cosmic rays and cosmic ray anisotropy. EPJ Web of Conferences, 2013, 53, 06002.	0.3	1
66	Deflection of ultra-high energy heavy nuclei in the Galactic magnetic field. EPJ Web of Conferences, 2013, 53, 06004.	0.3	0
67	Gamma-ray constraints on maximum cosmogenic neutrino fluxes and UHECR source evolution models. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 044-044.	5.4	48
68	Filamentary Diffusion of Cosmic Rays on Small Scales. Physical Review Letters, 2012, 108, 261101.	7.8	26
69	Cosmic ray anisotropy as signature for the transition from galactic to extragalactic cosmic rays. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 031-031.	5.4	71
70	Restrictions on cosmogenic neutrinos and UHECR from Fermi 3 years data. Journal of Physics: Conference Series, 2012, 375, 052012.	0.4	0
71	FERMI /LAT OBSERVATIONS OF 1ES 0229+200: IMPLICATIONS FOR EXTRAGALACTIC MAGNETIC FIELDS AND BACKGROUND LIGHT. Astrophysical Journal Letters, 2012, 747, L14.	8.3	113
72	Origin of TeV Galactic cosmic rays. Physical Review D, 2012, 85, .	4.7	16

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73	Low-Energy Break in the Spectrum of Galactic Cosmic Rays. Physical Review Letters, 2012, 108, 051105.	7.8	59
74	Very hard gamma-ray emission from a flare of Mrk 501. Astronomy and Astrophysics, 2012, 541, A31.	5.1	40
75	EXTRAGALACTIC VERY HIGH ENERGY GAMMA-RAY BACKGROUND. Astrophysical Journal, 2012, 757, 61.	4.5	11
76	Apparent superluminal neutrino propagation caused by nonlinear coherent interactions in matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 706, 462-464.	4.1	2
77	No evidence for gamma-ray halos around active galactic nuclei resulting from intergalactic magnetic fields. Astronomy and Astrophysics, 2011, 526, A90.	5.1	41
78	High Galactic latitudeFermisources ofÎ³-rays with energies above 100ÂGeV. Astronomy and Astrophysics, 2011, 529, A59.	5.1	15
79	The Pierre Auger Observatory scaler mode for the study of solar activity modulation of galactic cosmic rays. Journal of Instrumentation, 2011, 6, P01003-P01003.	1.2	16
80	Ultrahigh energy nuclei in the turbulent Galactic magnetic field. Astroparticle Physics, 2011, 35, 192-200.	4.3	42
81	The exposure of the hybrid detector of the Pierre Auger Observatory. Astroparticle Physics, 2011, 34, 368-381.	4.3	54
82	Search for first harmonic modulation in the right ascension distribution of cosmic rays detected at the Pierre Auger Observatory. Astroparticle Physics, 2011, 34, 627-639.	4.3	73
83	Advanced functionality for radio analysis in the Offline software framework of the Pierre Auger Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 635, 92-102.	1.6	52
84	Method to look for imprints of ultrahigh energy nuclei sources. Physical Review D, 2011, 83, .	4.7	6
85	Detection of very high energy gamma-ray emission from IC 310 by the MAGIC telescopes.. , 2011, , .		0
86	A study of the effect of molecular and aerosol conditions in the atmosphere on air fluorescence measurements at the Pierre Auger Observatory. Astroparticle Physics, 2010, 33, 108-129.	4.3	84
87	Trigger and aperture of the surface detector array of the Pierre Auger Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 613, 29-39.	1.6	151
88	Measurement of the energy spectrum of cosmic rays above 1018 eV using the Pierre Auger Observatory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 685, 239-246.	4.1	357
89	The fluorescence detector of the Pierre Auger Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 620, 227-251.	1.6	275
90	Search for an extended VHEÎ³-ray emission from Mrk 421 and Mrk 501 with the MAGIC Telescope. Astronomy and Astrophysics, 2010, 524, A77.	5.1	50

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91	Very high-energyÎ³-ray emission from ICâ€‰310. Astronomy and Astrophysics, 2010, 519, L6.	5.1	40
92	DEGREE-SCALE GeV â€œJETSâ€•FROM ACTIVE AND DEAD TeV BLAZARS. Astrophysical Journal Letters, 2010, 719, L130-L133.	8.3	33
93	DETECTION OF VERY HIGH ENERGY Î³-RAY EMISSION FROM THE PERSEUS CLUSTER HEAD-TAIL GALAXY IC 310 BY THE MAGIC TELESCOPES. Astrophysical Journal Letters, 2010, 723, L207-L212.	8.3	78
94	Ultrahigh energy nuclei in the galactic magnetic field. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 036-036.	5.4	31
95	The northern site of the Pierre Auger Observatory. New Journal of Physics, 2010, 12, 035001.	2.9	18
96	Search for single sources of ultra high energy cosmic rays on the sky. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 022-022.	5.4	15
97	Measurement of the Depth of Maximum of Extensive Air Showers above<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mn>10</mml:mn><mml:mn>18</mml:mn></mml:msup><mml:mtext>â€‰</mml:mtext><mml:m Physical Review Letters, 2010, 104, 091101.	7.8	429
98	Sensitivity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-ray telescopes for detection of magnetic fields in the intergalactic medium. Physical Review D, 2009, 80, .	4.7	162
99	UHECR observations and lensing in the magnetic field of the Virgo cluster. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 033-033.	5.4	19
100	Ultra-high energy cosmic ray production in the polar cap regions of black hole magnetospheres. New Journal of Physics, 2009, 11, 065015.	2.9	53
101	The GZK horizon and constraints on the cosmic ray source spectrum from observations in the GZK regime. JETP Letters, 2009, 88, 553-557.	1.4	9
102	Predictions of Ultra-High Energy neutrino fluxes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 235-239.	1.6	0
103	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
104	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
105	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
106	Gamma-ray induced cascades and magnetic fields in the intergalactic medium. Physical Review D, 2009, 80, .	4.7	68
107	Ultrahigh energy cosmic rays and the GeV-TeV diffuse gamma-ray flux. Physical Review D, 2009, 79, .	4.7	38
108	Upper limit on the cosmic-ray photon flux above 1019eV using the surface detector of the Pierre Auger Observatory. Astroparticle Physics, 2008, 29, 243-256.	4.3	161

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109	GZK photons as ultra-high-energy cosmic rays. Journal of Experimental and Theoretical Physics, 2008, 106, 1061-1082.	0.9	69
110	Measuring parameters of active galactic nuclei central engines with very high energy Î³-ray flares. Monthly Notices of the Royal Astronomical Society, 2008, 391, 949-958.	4.4	17
111	Observation of the Suppression of the Flux of Cosmic Rays above<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>4</mml:mn><mml:mo>Ã—</mml:mo><mml:msup><mml:mn>10</mml:mn><mml:mn>19</mml:mn></mml:msup></mml:math>. Physical Review Letters, 2008, 101, 061101.	7.8	500
112	Upper Limit on the Diffuse Flux of Ultrahigh Energy Tau Neutrinos from the Pierre Auger Observatory. Physical Review Letters, 2008, 100, 211101.	7.8	141
113	Constraints on masses and spins of black holes in blazars from fast TeV variability. , 2008, , .		0
114	Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. Science, 2007, 318, 938-943.	12.6	647
115	Greisenâ€“Zatsepinâ€“Kuzmin photons above 10 EeV. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 002-002.	5.4	21
116	GZK photons in the minimal ultra-high energy cosmic rays model. Astroparticle Physics, 2007, 28, 390-396.	4.3	20
117	An upper limit to the photon fraction in cosmic rays above 1019eV from the Pierre Auger Observatory. Astroparticle Physics, 2007, 27, 155-168.	4.3	90
118	A method of measurement of extragalactic magnetic fields by TeV gamma ray telescopes. JETP Letters, 2007, 85, 473-477.	1.4	50
119	Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory. Astroparticle Physics, 2007, 27, 244-253.	4.3	51
120	Clustering of ultra-high energy cosmic ray arrival directions on medium scales. Astroparticle Physics, 2006, 26, 10-15.	4.3	28
121	Reconciling the ultra-high energy cosmic ray spectrum with Fermi shock acceleration. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 634, 143-147.	4.1	63
122	Gamma-ray bursts and the origin of galactic positrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 636, 20-24.	4.1	33
123	Earth-skimming UHE tau neutrinos at the fluorescence detector of Pierre Auger Observatory. Astroparticle Physics, 2005, 23, 65-77.	4.3	59
124	Neutrinos and Z-bursts. Nuclear Physics, Section B, Proceedings Supplements, 2005, 145, 166-169.	0.4	0
125	Ultra-high energy cosmic rays from a finite number of point sources. Astroparticle Physics, 2005, 23, 486-492.	4.3	40
126	Bounds on heavy sterile neutrinos revisited. Journal of High Energy Physics, 2005, 2005, 028-028.	4.7	87

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127	Effects of atmospheric electric fields on detection of ultrahigh-energy cosmic rays. Physical Review D, 2004, 70, .	4.7	0
128	Ultra-high energy neutrino fluxes: new constraints and implications. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 003-003.	5.4	107
129	Superheavy dark matter as UHECR source versus the SUGAR data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 577, 1-9.	4.1	13
130	Particle acceleration and formation of jets in the cores of active galactic nuclei. New Astronomy Reviews, 2003, 47, 693-696.	12.8	12
131	New hadrons as ultrahigh energy cosmic rays. Physical Review D, 2003, 68, .	4.7	25
132	Supernova pointing with low- and high-energy neutrino detectors. Physical Review D, 2003, 68, .	4.7	74
133	Extraction of cluster parameters with future Sunyaevâ€“Zel'dovich observations. Journal of Cosmology and Astroparticle Physics, 2003, 2003, 007-007.	5.4	11
134	Large-Scale Extragalactic Jets Powered by Very-High-Energy Gamma Rays. Physical Review Letters, 2002, 89, 051101.	7.8	28
135	Physics of synchronized neutrino oscillations caused by self-interactions. Physical Review D, 2002, 65, .	4.7	132
136	Ultrahigh energy cosmic rays from neutrino emitting acceleration sources?. Physical Review D, 2002, 65, .	4.7	62
137	Which blazars are neutrino loud?. Physical Review D, 2002, 66, .	4.7	45
138	Ultrahigh-energy neutrino fluxes and their constraints. Physical Review D, 2002, 66, .	4.7	152
139	Cosmological bounds on neutrino degeneracy improved by flavor oscillations. Nuclear Physics B, 2002, 632, 363-382.	2.5	305
140	Lepton asymmetry creation in the early universe. Astroparticle Physics, 2002, 17, 245-261.	4.3	6
141	First Measurement of Cluster Temperature Using the Thermal Sunyaev-Zelâ€™dovich Effect. Astrophysical Journal, 2002, 573, L69-L71.	4.5	38
142	Cosmological and astrophysical bounds on a 33.9 MeV sterile neutrino. Surveys in High Energy Physics, 2001, 15, 303-323.	0.6	0
143	Spectral Distortion of Cosmic Microwave Background Radiation by Scattering on Hot Electrons: Exact Calculations. Astrophysical Journal, 2001, 554, 74-84.	4.5	47
144	ULTRA HIGH ENERGY COSMIC RAYS: PROPAGATION IN THE GALAXY AND ANISOTROPY. Modern Physics Letters A, 2001, 16, 2505-2515.	1.2	33

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145	Maximum lepton asymmetry from active-sterile neutrino oscillations in the early Universe. Physical Review D, 2001, 64, .	4.7	6
146	Axionlike particles as ultrahigh energy cosmic rays?. Physical Review D, 2001, 64, .	4.7	28
147	Standard model neutrinos as warm dark matter. Physical Review D, 2001, 64, .	4.7	45
148	Neutrino oscillations in the early universe: how can large lepton asymmetry be generated?. Astroparticle Physics, 2000, 14, 79-90.	4.3	39
149	Cosmological and astrophysical bounds on a heavy sterile neutrino and the KARMEN anomaly. Nuclear Physics B, 2000, 580, 331-351.	2.5	83
150	Heavy sterile neutrinos: bounds from big-bang nucleosynthesis and SN 1987A. Nuclear Physics B, 2000, 590, 562-574.	2.5	129
151	Non-equilibrium corrections to the spectra of massless neutrinos in the early universe. Nuclear Physics B, 1999, 543, 269-274.	2.5	66
152	Unstable massive tau-neutrinos and primordial nucleosynthesis. Nuclear Physics B, 1999, 548, 385-407.	2.5	20
153	Impact of massive tau-neutrinos on primordial nucleosynthesis. Exact calculations. Nuclear Physics B, 1998, 524, 621-638.	2.5	16
154	Nonequilibrium neutrino spectra in the early universe. Surveys in High Energy Physics, 1998, 13, 203-210.	0.6	1
155	Condensation of bosons in the kinetic regime. Physical Review D, 1997, 55, 489-502.	4.7	126
156	Non-equilibrium corrections to the spectra of massless neutrinos in the early universe. Nuclear Physics B, 1997, 503, 426-444.	2.5	158
157	Kinetics of Bose Condensation. Physical Review Letters, 1995, 74, 3093-3097.	7.8	172
158	On the detection of individual primordial black hole explosions. Astrophysical Journal, 1994, 436, 254.	4.5	10
159	ANOMALOUS NON-CONSERVATION OF FERMION QUANTUM NUMBERS IN COMPLEX BACKGROUND GAUGE FIELDS: (1 + 1)-DIMENSIONAL ABELIAN HIGGS MODEL. Modern Physics Letters A, 1993, 08, 1451-1459.	1.2	0