Yuri I Stozhkov

List of Publications by Citations

192 papers	7,813 citations	32 h-index	87 g-index
205 ext. papers	8,757 ext. citations	4 avg, IF	4.18 L-index

#	Paper	IF	Citations
192	An anomalous positron abundance in cosmic rays with energies 1.5-100 GeV. *Nature*, **2009**, 458, 607-9	50.4	1570
191	Role of sulphuric acid, ammonia and galactic cosmic rays in atmospheric aerosol nucleation. *Nature*, **2011**, 476, 429-33	50.4	863
190	Molecular understanding of sulphuric acid-amine particle nucleation in the atmosphere. *Nature*, **2013**, 502, 359-63	50.4	585
189	PAMELA measurements of cosmic-ray proton and helium spectra. *Science*, **2011**, 332, 69-72	33.3	574
188	New measurement of the antiproton-to-proton flux ratio up to 100 GeV in the cosmic radiation. *Physical Review Letters*, **2009**, 102, 051101	7.4	409
187	PAMELA results on the cosmic-ray antiproton flux from 60 MeV to 180 GeV in kinetic energy. *Physical Review Letters*, **2010**, 105, 121101	7.4	396
186	Ion-induced nucleation of pure biogenic particles. *Nature*, **2016**, 533, 521-6	50.4	377
185	Oxidation products of biogenic emissions contribute to nucleation of atmospheric particles. *Science* , **2014**, 344, 717-21	33.3	375
184	Cosmic-ray electron flux measured by the PAMELA experiment between 1 and 625 GeV. *Physical Review Letters*, **2011**, 106, 201101	7.4	239
183	Cosmic-ray positron energy spectrum measured by PAMELA. *Physical Review Letters*, **2013**, 111, 081102	7.4	203
182	Cosmic Ray Induced Ion Production in the Atmosphere. *Space Science Reviews*, **2008**, 137, 149-173	7.5	200
181	TIME DEPENDENCE OF THE PROTON FLUX MEASURED BY PAMELA DURING THE 2006 JULY-2009 DECEMBER SOLAR MINIMUM. *Astrophysical Journal*, **2013**, 765, 91	4.7	189
180	The PAMELA Mission: Heralding a new era in precision cosmic ray physics. *Physics Reports*, **2014**, 544, 323-370	27.7	129
179	MEASUREMENT OF BORON AND CARBON FLUXES IN COSMIC RAYS WITH THE PAMELA EXPERIMENT. *Astrophysical Journal*, **2014**, 791, 93	4.7	104
178	Measurement of the flux of primary cosmic ray antiprotons with energies of 60 MeV to 350 GeV in the PAMELA experiment. *JETP Letters*, **2013**, 96, 621-627	1.2	91
177	Reduced anthropogenic aerosol radiative forcing caused by biogenic new particle formation. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 12053-12058	11.5	79
176	OBSERVATIONS OF THE 2006 DECEMBER 13 AND 14 SOLAR PARTICLE EVENTS IN THE 80 MeV n□-3 GeV n□RANGE FROM SPACE WITH THE PAMELA DETECTOR. *Astrophysical Journal*, **2011**, 742, 102	4.7	69

175	New particle formation in the sulfuric acid–dimethylamine–water system: reevaluation of CLOUD chamber measurements and comparison to an aerosol nucleation and growth model. *Atmospheric Chemistry and Physics*, **2018**, 18, 845-863	6.8	62
174	Experimental particle formation rates spanning tropospheric sulfuric acid and ammonia abundances, ion production rates, and temperatures. *Journal of Geophysical Research D: Atmospheres*, **2016**, 121, 12,377	4.4	54
173	The role of cosmic rays in the atmospheric processes. *Journal of Physics G: Nuclear and Particle Physics*, **2003**, 29, 913-923	2.9	48
172	Time Dependence of the Electron and Positron Components of the Cosmic Radiation Measured by the PAMELA Experiment between July 2006 and December 2015. *Physical Review Letters*, **2016**, 116, 241105	7.4	43
171	TIME DEPENDENCE OF THE e− FLUX MEASURED BY PAMELA DURING THE 2006 JULY–2009 DECEMBER SOLAR MINIMUM. *Astrophysical Journal*, **2015**, 810, 142	4.7	43
170	MEASUREMENTS OF COSMIC-RAY HYDROGEN AND HELIUM ISOTOPES WITH THE PAMELA EXPERIMENT. *Astrophysical Journal*, **2016**, 818, 68	4.7	42
169	Proton Fluxes Measured by the PAMELA Experiment from the Minimum to the Maximum Solar Activity for Solar Cycle 24. *Astrophysical Journal Letters*, **2018**, 854, L2	7.9	41
168	The PAMELA space experiment. *Advances in Space Research*, **2013**, 51, 209-218	2.4	40
167	Solar Energetic Particle Events Observed by the PAMELA Mission. *Astrophysical Journal*, **2018**, 862, 97	4.7	39
166	Measurements of cosmic-ray proton and helium spectra with the PAMELA calorimeter. *Advances in Space Research*, **2013**, 51, 219-226	2.4	33
165	Experimental investigation of ion–ion recombination under atmospheric conditions. *Atmospheric Chemistry and Physics*, **2015**, 15, 7203-7216	6.8	33
164	MEASUREMENT OF THE ISOTOPIC COMPOSITION OF HYDROGEN AND HELIUM NUCLEI IN COSMIC RAYS WITH THE PAMELA EXPERIMENT. *Astrophysical Journal*, **2013**, 770, 2	4.7	33
163	THE DISCOVERY OF GEOMAGNETICALLY TRAPPED COSMIC-RAY ANTIPROTONS. *Astrophysical Journal Letters*, **2011**, 737, L29	7.9	33
162	The role of ions in new particle formation in the CLOUD chamber. *Atmospheric Chemistry and Physics*, **2017**, 17, 15181-15197	6.8	32
161	Molecular understanding of new-particle formation from <i></i>-pinene between −50 and +25 °C. *Atmospheric Chemistry and Physics*, **2020**, 20, 9183-9207	6.8	32
160	Ion balance equation in the atmosphere. *Journal of Geophysical Research*, **1997**, 102, 23413-23419		31
159	Role of iodine oxoacids in atmospheric aerosol nucleation. *Science*, **2021**, 371, 589-595	33.3	31
158	Catalogue of electron precipitation events as observed in the long-duration cosmic ray balloon experiment. *Journal of Atmospheric and Solar-Terrestrial Physics*, **2016**, 149, 258-276	2	29

157	PAMELA and indirect dark matter searches. *New Journal of Physics*, **2009**, 11, 105023	2.9	28
156	Evolution of particle composition in CLOUD nucleation experiments. *Atmospheric Chemistry and Physics*, **2013**, 13, 5587-5600	6.8	25
155	Formation of Highly Oxygenated Organic Molecules from □Pinene Ozonolysis: Chemical Characteristics, Mechanism, and Kinetic Model Development. *ACS Earth and Space Chemistry*, **2019**, 3, 873-883	3.2	23
154	PAMELA□ MEASUREMENTS OF MAGNETOSPHERIC EFFECTS ON HIGH-ENERGY SOLAR PARTICLES. *Astrophysical Journal Letters*, **2015**, 801, L3	7.9	23
153	Long-term negative trend in cosmic ray flux. *Journal of Geophysical Research*, **2000**, 105, 9-17		22
152	Enhanced growth rate of atmospheric particles from sulfuric acid. *Atmospheric Chemistry and Physics*, **2020**, 20, 7359-7372	6.8	21
151	Evidence of Energy and Charge Sign Dependence of the Recovery Time for the 2006 December Forbush Event Measured by the PAMELA Experiment. *Astrophysical Journal*, **2018**, 853, 76	4.7	18
150	TRAPPED PROTON FLUXES AT LOW EARTH ORBITS MEASURED BY THE PAMELA EXPERIMENT. *Astrophysical Journal Letters*, **2015**, 799, L4	7.9	18
149	Cosmic Ray Induced Ion Production in the Atmosphere. *Space Sciences Series of ISSI*, **2008**, 149-173	0.1	18
148	Measurements of quasi-trapped electron and positron fluxes with PAMELA. *Journal of Geophysical Research*, **2009**, 114, n/a-n/a		17
147	Reentrant albedo proton fluxes measured by the PAMELA experiment. *Journal of Geophysical Research: Space Physics*, **2015**, 120, 3728-3738	2.6	16
146	Change in the rigidity dependence of the galactic cosmic ray modulation in 2008□2009. *Advances in Space Research*, **2012**, 49, 784-790	2.4	16
145	Molecular understanding of the suppression of new-particle formation by isoprene. *Atmospheric Chemistry and Physics*, **2020**, 20, 11809-11821	6.8	16
144	Force-field parameterization of the galactic cosmic ray spectrum: Validation for Forbush decreases. *Advances in Space Research*, **2015**, 55, 2940-2945	2.4	15
143	PAMELA's measurements of geomagnetic cutoff variations during the 14 December 2006 storm. *Space Weather*, **2016**, 14, 210-220	3.7	15
142	Upper limit on the antihelium flux in primary cosmic rays. *JETP Letters*, **2011**, 93, 628-631	1.2	13
141	Cosmic rays in the stratosphere in 2008□2010. *Astrophysics and Space Sciences Transactions*, **2011**, 7, 379-382		13
140	New upper limit on strange quark matter abundance in cosmic rays with the PAMELA space experiment. *Physical Review Letters*, **2015**, 115, 111101	7.4	12

139	ABOUT SEPARATION OF HADRON AND ELECTROMAGNETIC CASCADES IN THE PAMELA CALORIMETER. *International Journal of Modern Physics A*, **2005**, 20, 6745-6748	1.2	12
138	Lithium and Beryllium Isotopes with the PAMELA Experiment. *Astrophysical Journal*, **2018**, 862, 141	4.7	11
137	Geomagnetically trapped, albedo and solar energetic particles: Trajectory analysis and flux reconstruction with PAMELA. *Advances in Space Research*, **2017**, 60, 788-795	2.4	10
136	Features of cosmic ray variation at the phase of the minimum between the 23rd and 24th solar cycles. *Bulletin of the Russian Academy of Sciences: Physics*, **2011**, 75, 782-785	0.4	9
135	Time Dependence of the Flux of Helium Nuclei in Cosmic Rays Measured by the PAMELA Experiment between 2006 July and 2009 December. *Astrophysical Journal*, **2020**, 893, 145	4.7	8
134	On the relationship between quasi-biennial variations of solar activity, the heliospheric magnetic field and cosmic rays. *Cosmic Research*, **2016**, 54, 171-177	0.6	8
133	SEARCH FOR ANISOTROPIES IN COSMIC-RAY POSITRONS DETECTED BY THE PAMELA EXPERIMENT. *Astrophysical Journal*, **2015**, 811, 21	4.7	8
132	Cosmic ray measurements with Pamela experiment. *Nuclear Physics, Section B, Proceedings Supplements*, **2009**, 190, 293-299		8
131	Ionization in the atmosphere, comparison between measurements and simulations. *Astrophysics and Space Sciences Transactions*, **2011**, 7, 29-33		8
130	Cosmic rays in the atmosphere: North □south asymmetry. *Journal of Geophysical Research*, **1996**, 101, 2523-2528		8
129	Determination of the collision rate coefficient between charged iodic acid clusters and iodic acid using the appearance time method. *Aerosol Science and Technology*, **2021**, 55, 231-242	3.4	8
128	The driving factors of new particle formation and growth in the polluted boundary layer. *Atmospheric Chemistry and Physics*, **2021**, 21, 14275-14291	6.8	8
127	Unexpected Cyclic Behavior in Cosmic-Ray Protons Observed by PAMELA at 1 au. *Astrophysical Journal Letters*, **2018**, 852, L28	7.9	7
126	Correlation of the quasi-biennial oscillations in galactic cosmic rays and in the solar activity indices. *Journal of Physics: Conference Series*, **2015**, 632, 012050	0.3	7
125	On the status of the sunspot and magnetic cycles in the galactic cosmic ray intensity. *Journal of Physics: Conference Series*, **2013**, 409, 012016	0.3	7
124	Cosmic Ray Study with the PAMELA Experiment. *Journal of Physics: Conference Series*, **2013**, 409, 012003	0.3	7
123	LONG-TERM BALLOON COSMIC RAY EXPERIMENT: RESULTS OF ANALYSIS OF ENERGETIC ELECTRON PRECIPITATION EVENTS. *International Journal of Modern Physics A*, **2005**, 20, 6843-6845	1.2	7
122	Precipitation of energetic magnetospheric electrons and accompanying solar wind characteristics. *Geomagnetism and Aeronomy*, **2017**, 57, 147-155	0.9	6

121	Precipitation of magnetospheric electrons into the Earth's atmosphere and the electrons of the outer radiation belt. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 215-218	0.4	6
120	Variations in cosmic rays and the surface electric field in January 2016. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 241-244	0.4	6
119	Description of galactic cosmic ray intensity in the last three solar activity minima. *Bulletin of the Russian Academy of Sciences: Physics*, **2015**, 79, 606-608	0.4	6
118	Galactic cosmic ray intensity simulation with spatial and temporal dependence of fluctuations of the helioshperic magnetic field. *Bulletin of the Russian Academy of Sciences: Physics*, **2015**, 79, 609-612	0.4	6
117	The anomalous PAMELA effect and its explanation. *Bulletin of the Russian Academy of Sciences: Physics*, **2011**, 75, 323-326	0.4	5
116	Solar modulation of the spectra of protons and helium nuclei in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2011**, 75, 779-781	0.4	5
115	S N Vernov and cosmic ray research in the Earth atmosphere. *Physics-Uspekhi*, **2011**, 54, 210-215	2.8	5
114	Cosmic Ray Fluxes in Present and Past Times. *Solar Physics*, **2004**, 224, 323-333	2.6	5
113	Synergistic HNO-HSO-NH upper tropospheric particle formation.. *Nature*, **2022**, 605, 483-489	50.4	5
112	Cosmic rays, solar activity, and changes in the Earth's climate. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 252-254	0.4	4
111	Red dwarfs as sources of cosmic rays and detection of TeV gamma-rays from these stars. *Advances in Space Research*, **2019**, 64, 2585-2594	2.4	4
110	New measurements of the energy spectra of high-energy cosmic-ray protons and helium nuclei with the calorimeter in the PAMELA experiment. *Journal of Experimental and Theoretical Physics*, **2014**, 119, 448-452	1	4
109	Measurement of hydrogen and helium isotopes flux in galactic cosmic rays with the PAMELA experiment. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2014**, 742, 273-275	1.2	4
108	Solar energetic particle events in 2006-2012 in the PAMELA experiment data. *Journal of Physics: Conference Series*, **2013**, 409, 012188	0.3	4
107	High-energy gamma-ray studying with GAMMA-400 after Fermi-LAT. *Journal of Physics: Conference Series*, **2017**, 798, 012011	0.3	3
106	Spectra of solar neutrons with energies of ~10–1000 MeV in the PAMELA experiment in the flare events of 2006–2015. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 132-135	0.4	3
105	Developing a compact ground-based neutron detector. *Bulletin of the Russian Academy of Sciences: Physics*, **2015**, 79, 696-699	0.4	3
104	The May 17, 2012 solar event: back-tracing analysis and flux reconstruction with PAMELA. *Journal of Physics: Conference Series*, **2016**, 675, 032006	0.3	3

103	Characteristics of the Energetic Electron Precipitation and Magnetospheric Conditions in 1994. *Geomagnetism and Aeronomy*, **2018**, 58, 483-492	0.9	3
102	Crossovers of the energy spectra of galactic cosmic rays in the activity minima of consecutive solar cycles. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 162-165	0.4	3
101	Analysis of cosmic ray variations recorded in October–December 2013. *Bulletin of the Russian Academy of Sciences: Physics*, **2015**, 79, 570-572	0.4	3
100	Galactic deuteron spectrum measured in PAMELA experiment. *Journal of Physics: Conference Series*, **2013**, 409, 012040	0.3	3
99	A search algorithm for finding Cosmic-Ray anisotropy with the PAMELA calorimeter. *Journal of Physics: Conference Series*, **2013**, 409, 012029	0.3	3
98	Spectral peculiarities of high energy X-ray radiation, gamma radiation, and Submillimeter radio emission in the impulsive phase of a solar flare. *Bulletin of the Russian Academy of Sciences: Physics*, **2011**, 75, 747-750	0.4	3
97	Temporal Characteristics of Energetic Magnetospheric Electron Precipitation as Observed During Long-Term Balloon Observations. *Journal of Geophysical Research: Space Physics*, **2020**, 125, e2020JA028033	2.6	3
96	Study of the energy spectrum and mass composition of primary cosmic rays in the energy range of 1018–1020 eV using a balloon setup in antarctica (SPHERE-antarctica project). *Bulletin of the Lebedev Physics Institute*, **2016**, 43, 80-86	0.5	3
95	Secondary positrons and electrons in near-Earth space in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 203-205	0.4	2
94	Space-based GAMMA-400 mission for direct gamma- and cosmic-ray observations. *Journal of Physics: Conference Series*, **2019**, 1181, 012041	0.3	2
93	The GAMMA-400 gamma-ray telescope for precision gamma-ray emission investigations. *Journal of Physics: Conference Series*, **2016**, 675, 032009	0.3	2
92	PAMELA spectrometer data processing. *Bulletin of the Lebedev Physics Institute*, **2016**, 43, 102-107	0.5	2
91	Red Dwarfs as Sources of Cosmic Rays and First Detection of TeV Gamma-rays from these stars. *Journal of Physics: Conference Series*, **2019**, 1181, 012018	0.3	2
90	The Future Space-Based GAMMA-400 Gamma-Ray Telescope for Studying Gamma and Cosmic Rays. *Bulletin of the Russian Academy of Sciences: Physics*, **2019**, 83, 629-631	0.4	2
89	Studying Variations in Neutron Fluxes with a Ground-Based Neutron Detector. *Bulletin of the Russian Academy of Sciences: Physics*, **2019**, 83, 611-613	0.4	2
88	The heliospheric magnetic field and its relation to the temperature, density, and velocity of solar plasma: Experimental evidence. *Cosmic Research*, **2014**, 52, 15-24	0.6	2
87	Measurement of galactic cosmic-ray deuteron spectrum in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2013**, 77, 606-608	0.4	2
86	Spectra of primary cosmic-ray positrons and electrons in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2013**, 77, 1309-1311	0.4	2

85	Anisotropy studies in the cosmic ray proton flux with the PAMELA experiment. *Nuclear Physics, Section B, Proceedings Supplements*, **2013**, 239-240, 123-128		2
84	Criteria for selecting electrons with energies above 50 GeV according to the PAMELA experiment data. *Bulletin of the Lebedev Physics Institute*, **2013**, 40, 21-26	0.5	2
83	The PAMELA experiment: a decade of Cosmic Ray Physics in space. *Journal of Physics: Conference Series*, **2017**, 798, 012033	0.3	2
82	Solar modulation of GCR electrons over the 23rd solar minimum with PAMELA. *Journal of Physics: Conference Series*, **2015**, 632, 012073	0.3	2
81	Analysis on H spectral shape during the early 2012 SEPs with the PAMELA experiment. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2014**, 742, 158-161	1.2	2
80	Measurement of antiproton flux in primary cosmic radiation with PAMELA experiment. *Journal of Physics: Conference Series*, **2013**, 409, 012056	0.3	2
79	Search for cosmic ray electron-positron anisotropies with the Pamela data. *Journal of Physics: Conference Series*, **2013**, 409, 012055	0.3	2
78	Cosmic rays and radioactivity in the near-ground level of the atmosphere. *Journal of Physics: Conference Series*, **2013**, 409, 012213	0.3	2
77	Measuring fluxes of the protons and helium nuclei of high-energy cosmic rays. *Bulletin of the Russian Academy of Sciences: Physics*, **2011**, 75, 327-330	0.4	2
76	Search for continuum solar flare radiation in the terahertz range **2010**,		2
75	Results from PAMELA. *Nuclear Physics, Section B, Proceedings Supplements*, **2011**, 217, 243-248		2
74	Cosmic rays in the Earth's atmosphere. *Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika)*, **2010**, 65, 239-245	0.7	2
73	Comments on the Paper of H.S. Ahluwalia "On galactic cosmic ray flux decrease near solar activity minimum and Imf intensity" *Geophysical Research Letters*, **2001**, 28, 947-948	4.9	2
72	The PAMELA Experiment: A Cosmic Ray Experiment Deep Inside the Heliosphere **2017**,		2
71	Perspectives of the GAMMA-400 space observatory for high-energy gamma rays and cosmic rays measurements. *Journal of Physics: Conference Series*, **2016**, 675, 032010	0.3	2
70	PAMELA spectrum of electrons and positrons of cosmic rays in the energy range of 0.05–1.2 TeV. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 404-406	0.4	1
69	Modulation of electrons and positrons in 2006–2015 in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 154-156	0.4	1
68	Long-Term Evolution of the Occurrence Rate of Magnetospheric Electron Precipitation into the Earth's Atmosphere. *Bulletin of the Russian Academy of Sciences: Physics*, **2019**, 83, 584-587	0.4	1

67	Solar Activity and Cosmic Ray Variations in September 2017. *Bulletin of the Russian Academy of Sciences: Physics*, **2019**, 83, 543-546	0.4	1
66	Measuring the albedo deuteron flux in the PAMELA satellite experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2015**, 79, 294-297	0.4	1
65	Searching for anisotropy of positrons and electrons in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2015**, 79, 298-301	0.4	1
64	Comparison of measured and calculated magnetic fields along the Ulysses orbit. *Advances in Space Research*, **2015**, 55, 908-919	2.4	1
63	The measurement of the dipole anisotropy of protons and helium cosmic rays with the PAMELA experiment. *Journal of Physics: Conference Series*, **2016**, 675, 032005	0.3	1
62	Galactic Cosmic Ray Electrons and Positrons over a Decade of Observations in the PAMELA Experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2019**, 83, 974-976	0.4	1
61	PAMELA mission: heralding a new era in cosmic ray physics. *EPJ Web of Conferences*, **2014**, 71, 00115	0.3	1
60	Solar proton events at the end of the 23rd and start of the 24th solar cycle recorded in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2013**, 77, 493-496	0.4	1
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58	New stage in high-energy gamma-ray studies with GAMMA-400 after Fermi-LAT. *EPJ Web of Conferences*, **2017**, 145, 06001	0.3	1
57	The PAMELA experiment and cosmic ray observations. *Nuclear and Particle Physics Proceedings*, **2015**, 265-266, 242-244	0.4	1
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55	Evolution of nanoparticle composition in CLOUD in presence of sulphuric acid, ammonia and organics **2013**,		1
54	Cosmic ray electron and positron spectra measured with PAMELA. *Journal of Physics: Conference Series*, **2013**, 409, 012035	0.3	1
53	The search for antihelium in cosmic rays using data from the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2011**, 75, 331-333	0.4	1
52	Primary electron and positron fluxes measured by the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2011**, 75, 316-318	0.4	1
51	High-energy cosmic ray proton spectrum. *Bulletin of the Lebedev Physics Institute*, **2011**, 38, 68-75	0.5	1
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49	COSMIC RAY FLUXES IN THE MAXIMUM PHASE OF SOLAR ACTIVITY CYCLES. *International Journal of Modern Physics A*, **2005**, 20, 6669-6671	1.2	1
48	Variations in Charged and Neutral Components of Cosmic Rays in the CASLEO Seismic Zone. *Bulletin of the Russian Academy of Sciences: Physics*, **2021**, 85, 1325-1327	0.4	1
47	Chemical composition of nanoparticles from <i></i>-pinene nucleation and the influence of isoprene and relative humidity at low temperature. *Atmospheric Chemistry and Physics*, **2021**, 21, 17099-17114	6.8	1
46	East–West Proton Flux Anisotropy Observed with the PAMELA Mission. *Astrophysical Journal*, **2021**, 919, 114	4.7	1
45	Search for a positron anisotropy with PAMELA experiment. *ASTRA Proceedings*,2, 17-20		1
44	Molecular understanding of the suppression of new-particle formation by isoprene **2020**,		1
43	Enhanced growth rate of atmospheric particles from sulfuric acid **2019**,		1
42	Solar-cycle Variations of South Atlantic Anomaly Proton Intensities Measured with the PAMELA Mission. *Astrophysical Journal Letters*, **2021**, 917, L21	7.9	1
41	Accounting for meteorological effects in the detector of the charged component of cosmic rays. *Geoscientific Instrumentation, Methods and Data Systems*, **2021**, 10, 219-226	1.5	1
40	PAMELA measurements of the boron and carbon spectra. *Journal of Physics: Conference Series*, **2015**, 632, 012017	0.3	0
39	Helium Fluxes Measured by the PAMELA Experiment from the Minimum to the Maximum Solar Activity for Solar Cycle 24. *Astrophysical Journal Letters*, **2022**, 925, L24	7.9	0
38	Modifications of a method for low energy gamma-ray incident angle reconstruction in the GAMMA-400 gamma-ray telescope. *Journal of Physics: Conference Series*, **2017**, 798, 012012	0.3	
37	Solar modulation of cosmic deuteron fluxes in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 151-153	0.4	
36	Minimum Value of the Heliospheric Magnetic Field in 2008–2010, According to WIND and ACE Data. *Bulletin of the Russian Academy of Sciences: Physics*, **2019**, 83, 559-562	0.4	
35	Time dependence of the helium flux measured by PAMELA. *EPJ Web of Conferences*, **2019**, 209, 01004	0.3	
34	Cosmic Rays Investigation by the PAMELA experiment. *Journal of Physics: Conference Series*, **2020**, 1342, 012017	0.3	
33	Time dependence of the proton and helium flux measured by PAMELA. *Journal of Physics: Conference Series*, **2020**, 1342, 012124	0.3	
32	Deuteron spectrum measurements under radiation belt with PAMELA instrument. *Nuclear and Particle Physics Proceedings*, **2016**, 273-275, 2345-2347	0.4	

31	H, He, Li and Be Isotopes in the PAMELA-Experiment. *Journal of Physics: Conference Series*, **2016**, 675, 032001	0.3
30	Stratospheric Measurements of Magnetospheric Electron Precipitation and Interplanetary Medium Conditions in Solar Activity Cycles 22–24. *Solar System Research*, **2018**, 52, 189-194	0.8
29	Trapped Positrons and Electrons in the Inner Radiation Belt According to Data of the PAMELA Experiment. *Physics of Atomic Nuclei*, **2018**, 81, 515-519	0.4
28	A System for Generating the Trigger Signals of the Spaceborne GAMMA-400 Telescope. *Bulletin of the Russian Academy of Sciences: Physics*, **2019**, 83, 625-628	0.4
27	Estimation of the Backscattered Particle Flux in the PAMELA Calorimeter. *Bulletin of the Lebedev Physics Institute*, **2019**, 46, 41-47	0.5
26	The PAMELA experiment and antimatter in the universe. *Hyperfine Interactions*, **2014**, 228, 101-109	0.8
25	Solar Modulation of Galactic Cosmic Rays During 2006-2015 Based on PAMELA and ARINA Data. *Physics Procedia*, **2015**, 74, 347-351	
24	Splash and Re-entrant Albedo Fluxes Measured in the PAMELA Experiment. *Physics Procedia*, **2015**, 74, 314-319	
23	Search for Spatial and Temporary Variations of Galactic Cosmic Ray Positrons in PAMELA Experiment. *Physics Procedia*, **2015**, 74, 302-307	
22	On the new prolonged solar activity minimum. *Bulletin of the Lebedev Physics Institute*, **2013**, 40, 27-33	0.5
21	Charged particle fluxes in the near-ground atmosphere. *Bulletin of the Russian Academy of Sciences: Physics*, **2013**, 77, 575-577	0.4
20	Searching for cosmic ray anisotropy using the calorimeter in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2013**, 77, 1305-1308	0.4
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