Yuri I Stozhkov

List of Publications by Year in Descending Order

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	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
191	Synergistic HNO-HSO-NH upper tropospheric particle formation.. *Nature*, **2022**, 605, 483-489	50.4	5
190	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
189	About Cosmic Ray Sources in Galaxy. *Physics of Atomic Nuclei*, **2021**, 84, 1007-1010	0.4	
188	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
187	East West Proton Flux Anisotropy Observed with the PAMELA Mission. *Astrophysical Journal*, **2021**, 919, 114	4.7	1
186	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
185	Role of iodine oxoacids in atmospheric aerosol nucleation. *Science*, **2021**, 371, 589-595	33.3	31
184	Solar-cycle Variations of South Atlantic Anomaly Proton Intensities Measured with the PAMELA Mission. *Astrophysical Journal Letters*, **2021**, 917, L21	7.9	1
183	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
182	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
181	Enhanced growth rate of atmospheric particles from sulfuric acid. *Atmospheric Chemistry and Physics*, **2020**, 20, 7359-7372	6.8	21
180	Cosmic Rays Investigation by the PAMELA experiment. *Journal of Physics: Conference Series*, **2020**, 1342, 012017	0.3	
179	Time dependence of the proton and helium flux measured by PAMELA. *Journal of Physics: Conference Series*, **2020**, 1342, 012124	0.3	
178	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
177	Molecular understanding of the suppression of new-particle formation by isoprene. *Atmospheric Chemistry and Physics*, **2020**, 20, 11809-11821	6.8	16
176	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

175	Molecular understanding of the suppression of new-particle formation by isoprene **2020**,		1
174	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
173	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
172	Solar Activity and Cosmic Ray Variations in September 2017. *Bulletin of the Russian Academy of Sciences: Physics*, **2019**, 83, 543-546	0.4	1
171	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	
170	Time dependence of the helium flux measured by PAMELA. *EPJ Web of Conferences*, **2019**, 209, 01004	0.3	
169	Space-based GAMMA-400 mission for direct gamma- and cosmic-ray observations. *Journal of Physics: Conference Series*, **2019**, 1181, 012041	0.3	2
168	Formation of Highly Oxygenated Organic Molecules from α-Pinene Ozonolysis: Chemical Characteristics, Mechanism, and Kinetic Model Development. *ACS Earth and Space Chemistry*, **2019**, 3, 873-883	3.2	23
167	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
166	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	
165	Estimation of the Backscattered Particle Flux in the PAMELA Calorimeter. *Bulletin of the Lebedev Physics Institute*, **2019**, 46, 41-47	0.5	
164	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
163	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
162	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
161	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
160	Enhanced growth rate of atmospheric particles from sulfuric acid **2019**,		1
159	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
158	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

157	Unexpected Cyclic Behavior in Cosmic-Ray Protons Observed by PAMELA at 1 au. *Astrophysical Journal Letters*, **2018**, 852, L28	7.9	7
156	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
155	Lithium and Beryllium Isotopes with the PAMELA Experiment. *Astrophysical Journal*, **2018**, 862, 141	4.7	11
154	Characteristics of the Energetic Electron Precipitation and Magnetospheric Conditions in 1994. *Geomagnetism and Aeronomy*, **2018**, 58, 483-492	0.9	3
153	Solar Energetic Particle Events Observed by the PAMELA Mission. *Astrophysical Journal*, **2018**, 862, 97	4.7	39
152	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	
151	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	
150	Precipitation of energetic magnetospheric electrons and accompanying solar wind characteristics. *Geomagnetism and Aeronomy*, **2017**, 57, 147-155	0.9	6
149	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
148	High-energy gamma-ray studying with GAMMA-400 after Fermi-LAT. *Journal of Physics: Conference Series*, **2017**, 798, 012011	0.3	3
147	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	
146	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
145	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
144	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
143	Solar modulation of cosmic deuteron fluxes in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 151-153	0.4	
142	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
141	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
140	New stage in high-energy gamma-ray studies with GAMMA-400 after Fermi-LAT. *EPJ Web of Conferences*, **2017**, 145, 06001	0.3	1

139	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
138	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
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	The PAMELA experiment: a decade of Cosmic Ray Physics in space. *Journal of Physics: Conference Series*, **2017**, 798, 012033	0.3	2
135	The role of ions in new particle formation in the CLOUD chamber. *Atmospheric Chemistry and Physics*, **2017**, 17, 15181-15197	6.8	32
134	Sharp increasing of positron to electron fluxes ratio below 2 GV measured by the PAMELA. *Journal of Physics: Conference Series*, **2017**, 798, 012019	0.3	
133	Solar modulation of galactic cosmic rays during 2006-2015 based on PAMELA and ARINA data. *Journal of Physics: Conference Series*, **2017**, 798, 012042	0.3	
132	The PAMELA Experiment: A Cosmic Ray Experiment Deep Inside the Heliosphere **2017**,		2
131	Deuteron spectrum measurements under radiation belt with PAMELA instrument. *Nuclear and Particle Physics Proceedings*, **2016**, 273-275, 2345-2347	0.4	
130	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
129	The GAMMA-400 gamma-ray telescope for precision gamma-ray emission investigations. *Journal of Physics: Conference Series*, **2016**, 675, 032009	0.3	2
128	PAMELA's measurements of geomagnetic cutoff variations during the 14 December 2006 storm. *Space Weather*, **2016**, 14, 210-220	3.7	15
127	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
126	H, He, Li and Be Isotopes in the PAMELA-Experiment. *Journal of Physics: Conference Series*, **2016**, 675, 032001	0.3	
125	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
124	PAMELA spectrometer data processing. *Bulletin of the Lebedev Physics Institute*, **2016**, 43, 102-107	0.5	2
123	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
122	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

121	MEASUREMENTS OF COSMIC-RAY HYDROGEN AND HELIUM ISOTOPES WITH THEPAMELAEXPERIMENT. *Astrophysical Journal*, **2016**, 818, 68	4.7	42
120	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
119	Features of re-entrant albedo deuteron trajectories in near Earth orbit with PAMELA experiment. *Journal of Physics: Conference Series*, **2016**, 675, 032007	0.3	
118	Trapped positrons observed by PAMELA experiment. *Journal of Physics: Conference Series*, **2016**, 675, 032003	0.3	
117	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
116	Ion-induced nucleation of pure biogenic particles. *Nature*, **2016**, 533, 521-6	50.4	377
115	Study of the energy spectrum and mass composition of primary cosmic rays in the energy range of 10181020 eV using a balloon setup in antarctica (SPHERE-antarctica project). *Bulletin of the Lebedev Physics Institute*, **2016**, 43, 80-86	0.5	3
114	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
113	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
112	Force-field parameterization of the galactic cosmic ray spectrum: Validation for Forbush decreases. *Advances in Space Research*, **2015**, 55, 2940-2945	2.4	15
111	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
110	Developing a compact ground-based neutron detector. *Bulletin of the Russian Academy of Sciences: Physics*, **2015**, 79, 696-699	0.4	3
109	PAMELAS MEASUREMENTS OF MAGNETOSPHERIC EFFECTS ON HIGH-ENERGY SOLAR PARTICLES. *Astrophysical Journal Letters*, **2015**, 801, L3	7.9	23
108	Comparison of measured and calculated magnetic fields along the Ulysses orbit. *Advances in Space Research*, **2015**, 55, 908-919	2.4	1
107	Solar Modulation of Galactic Cosmic Rays During 2006-2015 Based on PAMELA and ARINA Data. *Physics Procedia*, **2015**, 74, 347-351		
106	Splash and Re-entrant Albedo Fluxes Measured in the PAMELA Experiment. *Physics Procedia*, **2015**, 74, 314-319		
105	Search for Spatial and Temporary Variations of Galactic Cosmic Ray Positrons in PAMELA Experiment. *Physics Procedia*, **2015**, 74, 302-307		
104	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

103	TIME DEPENDENCE OF THE PROTON FLUX MEASURED BY PAMELA DURING THE 2006 JULY–2009 DECEMBER SOLAR MINIMUM. *Astrophysical Journal*, **2015**, 810, 142	4.7	43
102	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
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 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
99	Time variations of proton flux in Earth inner radiation belt during 23/24 solar cycles based on the PAMELA and the ARINA data. *Journal of Physics: Conference Series*, **2015**, 632, 012069	0.3	
98	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
97	Current status of the MONICA experiment to study the ionic composition of solar cosmic rays. *Bulletin of the Russian Academy of Sciences: Physics*, **2015**, 79, 700-703	0.4	
96	Experimental investigation of ion–ion recombination under atmospheric conditions. *Atmospheric Chemistry and Physics*, **2015**, 15, 7203-7216	6.8	33
95	Reentrant albedo proton fluxes measured by the PAMELA experiment. *Journal of Geophysical Research: Space Physics*, **2015**, 120, 3728-3738	2.6	16
94	PAMELA measurements of the boron and carbon spectra. *Journal of Physics: Conference Series*, **2015**, 632, 012017	0.3	0
93	Study of deuteron spectra under radiation belt with PAMELA instrument. *Journal of Physics: Conference Series*, **2015**, 632, 012060	0.3	
92	Solar modulation of GCR electrons over the 23rd solar minimum with PAMELA. *Journal of Physics: Conference Series*, **2015**, 632, 012073	0.3	2
91	SEARCH FOR ANISOTROPIES IN COSMIC-RAY POSITRONS DETECTED BY THE PAMELA EXPERIMENT. *Astrophysical Journal*, **2015**, 811, 21	4.7	8
90	Array of scintillation detectors for the MONICA spectrometer. *Bulletin of the Lebedev Physics Institute*, **2015**, 42, 333-337	0.5	
89	The PAMELA experiment and cosmic ray observations. *Nuclear and Particle Physics Proceedings*, **2015**, 265-266, 242-244	0.4	1
88	TRAPPED PROTON FLUXES AT LOW EARTH ORBITS MEASURED BY THE PAMELA EXPERIMENT. *Astrophysical Journal Letters*, **2015**, 799, L4	7.9	18
87	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
86	Oxidation products of biogenic emissions contribute to nucleation of atmospheric particles. *Science* , **2014**, 344, 717-21	33.3	375

85	The PAMELA experiment and antimatter in the universe. *Hyperfine Interactions*, **2014**, 228, 101-109	0.8	
84	PAMELA mission: heralding a new era in cosmic ray physics. *EPJ Web of Conferences*, **2014**, 71, 00115	0.3	1
83	The PAMELA Mission: Heralding a new era in precision cosmic ray physics. *Physics Reports*, **2014**, 544, 323-370	27.7	129
82	A method to detect positron anisotropies with Pamela data. *Nuclear Physics, Section B, Proceedings Supplements*, **2014**, 256-257, 173-178		1
81	MEASUREMENT OF BORON AND CARBON FLUXES IN COSMIC RAYS WITH THE PAMELA EXPERIMENT. *Astrophysical Journal*, **2014**, 791, 93	4.7	104
80	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
79	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
78	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
77	On the new prolonged solar activity minimum. *Bulletin of the Lebedev Physics Institute*, **2013**, 40, 27-33	0.5	
76	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
75	Charged particle fluxes in the near-ground atmosphere. *Bulletin of the Russian Academy of Sciences: Physics*, **2013**, 77, 575-577	0.4	
74	Antiprotons of galactic cosmic radiation in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2013**, 77, 602-605	0.4	1
73	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
72	Cosmic-ray positron energy spectrum measured by PAMELA. *Physical Review Letters*, **2013**, 111, 081102	7.4	203
71	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
70	The PAMELA space experiment. *Advances in Space Research*, **2013**, 51, 209-218	2.4	40
69	Measurements of cosmic-ray proton and helium spectra with the PAMELA calorimeter. *Advances in Space Research*, **2013**, 51, 219-226	2.4	33
68	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	

67	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
66	Molecular understanding of sulphuric acid-amine particle nucleation in the atmosphere. *Nature*, **2013**, 502, 359-63	50.4	585
65	Anisotropy studies in the cosmic ray proton flux with the PAMELA experiment. *Nuclear Physics, Section B, Proceedings Supplements*, **2013**, 239-240, 123-128		2
64	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
63	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
62	PRECISE COSMIC RAYS MEASUREMENTS WITH PAMELA. *Acta Polytechnica*, **2013**, 53, 712-717	1	
61	Measurement of antiproton flux in primary cosmic radiation with PAMELA experiment. *Journal of Physics: Conference Series*, **2013**, 409, 012056	0.3	2
60	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
59	Evolution of nanoparticle composition in CLOUD in presence of sulphuric acid, ammonia and organics **2013**,		1
58	Cosmic Ray Study with the PAMELA Experiment. *Journal of Physics: Conference Series*, **2013**, 409, 012003	0.3	7
57	Study of solar modulation of galactic cosmic rays with the PAMELA and ARINA spectrometers in 2006-2012. *Journal of Physics: Conference Series*, **2013**, 409, 012194	0.3	
56	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
55	Evolution of particle composition in CLOUD nucleation experiments. *Atmospheric Chemistry and Physics*, **2013**, 13, 5587-5600	6.8	25
54	Galactic deuteron spectrum measured in PAMELA experiment. *Journal of Physics: Conference Series*, **2013**, 409, 012040	0.3	3
53	Cosmic ray modulation in the current 24th solar cycle from the measurements in the atmosphere. *Journal of Physics: Conference Series*, **2013**, 409, 012195	0.3	
52	A search algorithm for finding Cosmic-Ray anisotropy with the PAMELA calorimeter. *Journal of Physics: Conference Series*, **2013**, 409, 012029	0.3	3
51	Cosmic ray electron and positron spectra measured with PAMELA. *Journal of Physics: Conference Series*, **2013**, 409, 012035	0.3	1
50	The PAMELA experiment: light-nuclei selection with stand-alone detectors. *Journal of Physics: Conference Series*, **2013**, 409, 012038	0.3	

49	Search for cosmic ray electron-positron anisotropies with the Pamela data. *Journal of Physics: Conference Series*, **2013**, 409, 012055	0.3	2
48	Solar energetic particle events in 2006-2012 in the PAMELA experiment data. *Journal of Physics: Conference Series*, **2013**, 409, 012188	0.3	4
47	Cosmic rays and radioactivity in the near-ground level of the atmosphere. *Journal of Physics: Conference Series*, **2013**, 409, 012213	0.3	2
46	The PAMELA space mission for antimatter and dark matter searches in space. *Hyperfine Interactions* , **2012**, 213, 147-158	0.8	
45	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
44	Role of sulphuric acid, ammonia and galactic cosmic rays in atmospheric aerosol nucleation. *Nature*, **2011**, 476, 429-33	50.4	863
43	Cosmic-ray electron flux measured by the PAMELA experiment between 1 and 625 GeV. *Physical Review Letters*, **2011**, 106, 201101	7.4	239
42	PAMELA measurements of cosmic-ray proton and helium spectra. *Science*, **2011**, 332, 69-72	33.3	574
41	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
40	THE DISCOVERY OF GEOMAGNETICALLY TRAPPED COSMIC-RAY ANTIPROTONS. *Astrophysical Journal Letters*, **2011**, 737, L29	7.9	33
39	Upper limit on the antihelium flux in primary cosmic rays. *JETP Letters*, **2011**, 93, 628-631	1.2	13
38	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
37	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
36	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
35	The anomalous PAMELA effect and its explanation. *Bulletin of the Russian Academy of Sciences: Physics*, **2011**, 75, 323-326	0.4	5
34	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
33	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
32	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

31	Solar activity at present and in the near future. *Bulletin of the Russian Academy of Sciences: Physics*, **2011**, 75, 860-863	0.4	
30	Trapped antiprotons in the Earth inner radiation belt in PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2011**, 75, 854-856	0.4	
29	High-energy cosmic ray proton spectrum. *Bulletin of the Lebedev Physics Institute*, **2011**, 38, 68-75	0.5	1
28	PAMELA and electrons. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2011**, 630, 28-35	1.2	1
27	Results from PAMELA. *Nuclear Physics, Section B, Proceedings Supplements*, **2011**, 217, 243-248		2
26	S N Vernov and cosmic ray research in the Earth atmosphere. *Physics-Uspekhi*, **2011**, 54, 210-215	2.8	5
25	Ionization in the atmosphere, comparison between measurements and simulations. *Astrophysics and Space Sciences Transactions*, **2011**, 7, 29-33		8
24	Cosmic rays in the stratosphere in 2008–2010. *Astrophysics and Space Sciences Transactions*, **2011**, 7, 379-382		13
23	The PAMELA space mission for antimatter and dark matter searches in space **2011**, 367-378		
22	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
21	Search for continuum solar flare radiation in the terahertz range **2010**,		2
20	Pamela is cracking a window into the dark matter world. *Herald of the Russian Academy of Sciences*, **2010**, 80, 350-353	0.7	
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