Galina A Bazilevskaya

List of Publications by Year
in descending order

209 papers	7,319 citations	156536 32 h-index	62345 84 g-index

214 all docs	214 docs citations	214 times ranked	7730 citing authors

#	Article	IF	Citations
1	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.	3.0	12
2	On the Reproduction of the Solar Activity Variations in the Range 2â€“40 Months in the Interplanetary Medium. Journal of Experimental and Theoretical Physics, 2022, 134, 479-486.	0.2	1
3	Exceptional middle latitude electron precipitation detected by balloon observations: implications for atmospheric composition. Atmospheric Chemistry and Physics, 2022, 22, 6703-6716.	1.9	7
4	Catalogs of Solar Proton Events as a Tool for Studying Space Weather. Cosmic Research, 2022, 60, 151-164.	0.2	1
5	Comparison of the Results on Precipitation of High-Energy Electrons in the Stratosphere and on Satellites. Cosmic Research, 2021, 59, 24-29.	0.2	5
6	Heliospheric Magnetic Field and The Parker Model. Geomagnetism and Aeronomy, 2021, 61, 299-311.	0.2	2
7	Features of Solar Proton Events and Long-Duration Gamma-Ray Flares in the 24th Solar Cycle. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 911-914.	0.1	1
8	Solar-cycle Variations of South Atlantic Anomaly Proton Intensities Measured with the PAMELA Mission. Astrophysical Journal Letters, 2021, 917, L21.	3.0	7
9	Accounting for meteorological effects in the detector of the charged component of cosmic rays. Geoscientific Instrumentation, Methods and Data Systems, 2021, 10, 219-226.	0.6	1
10	Characteristic Features of Solar Cosmic Rays in the 21stâ€“24th Solar-Activity Cycles According to Data from Catalogs of Solar Proton Events. Geomagnetism and Aeronomy, 2021, 61, 6-13.	0.2	7
11	Eastâ€“West Proton Flux Anisotropy Observed with the PAMELA Mission. Astrophysical Journal, 2021, 919, 114.	1.6	3
12	Statistical Links between Solar Cosmic Rays, Type-II Radio Emission, and Coronal Mass Ejections. Geomagnetism and Aeronomy, 2021, 61, 773-779.	0.2	0
13	Modulation Effects in Cosmic Rays during a Period of Anomalously Low Solar Activity. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 1049-1051.	0.1	3
14	Structure of the Heliospheric Magnetic Field and Galactic Cosmic Ray Modulation. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 1176-1178.	0.1	0
15	Spaceâ€“Time Structure of Energetic Electron Precipitations according to the Data of Balloon Observations and Polar Satellite Measurements on February 1â€“6, 2015. Cosmic Research, 2021, 59, 446-455.	0.2	3
16	Atmospheric Effects during the Precipitation of Energetic Electrons. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 1310-1313.	0.1	1
17	Temporal Characteristics of Energetic Magnetospheric Electron Precipitation as Observed During Longâ€Term Balloon Observations. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028033.	0.8	10
18	Cosmic Rays Investigation by the PAMELA experiment. Journal of Physics: Conference Series, 2020, 1342, 012017.	0.3	0

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19	Time dependence of the proton and helium flux measured by PAMELA. Journal of Physics: Conference Series, 2020, 1342, 012124.	0.3	0
20	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.	1.6	21
21	Ground-based Instrument for the Study of Cosmic Ray Variation in Nur-Sultan. Geomagnetism and Aeronomy, 2020, 60, 693-698.	0.2	6
22	A Numerical Study of the Effects of Corotating Interaction Regions on Cosmic-Ray Transport. Astrophysical Journal, 2020, 899, 90.	1.6	16
23	Study of the 27 Day Variations in GCR Fluxes during 2007â€“2008 Based on PAMELA and ARINA Observations. Astrophysical Journal, 2020, 904, 3.	1.6	15
24	Solar Modulation of the Galactic Electron and Proton Intensity near the Activity Minimum of 2009. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 551-554.	0.1	0
25	On Contribution of Poloidal Branch of Solar Activity to Heliosphere and GCR Modulation. Journal of Physics: Conference Series, 2019, 1181, 012010.	0.3	3
26	Comparing Long-duration Gamma-Ray Flares and High-energy Solar Energetic Particles. Astrophysical Journal, 2019, 879, 90.	1.6	33
27	Spectra of high energy electron precipitation and atmospheric ionization rates retrieval from balloon measurements. Science of the Total Environment, 2019, 693, 133242.	3.9	17
28	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.	0.1	2
29	Long-Term Evolution of the Occurrence Rate of Magnetospheric Electron Precipitation into the Earthâ€™s Atmosphere. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 584-587.	0.1	2
30	Solar Activity and Cosmic Ray Variations in September 2017. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 543-546.	0.1	1
31	Ionization of the Polar Atmosphere by Energetic Electron Precipitation Retrieved From Balloon Measurements. Geophysical Research Letters, 2019, 46, 990-996.	1.5	27
32	Minimum Value of the Heliospheric Magnetic Field in 2008â€“2010, According to WIND and ACE Data. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 559-562.	0.1	0
33	Time dependence of the helium flux measured by PAMELA. EPJ Web of Conferences, 2019, 209, 01004.	0.1	0
34	Cosmic ray electrons and positrons over decade with the PAMELA experiment. Journal of Physics: Conference Series, 2019, 1390, 012061.	0.3	0
35	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.	3.0	65
36	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.	1.6	27

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37	Unexpected Cyclic Behavior in Cosmic-Ray Protons Observed by PAMELA at 1 au. Astrophysical Journal Letters, 2018, 852, L28.	3.0	10
38	Relationship between the Longitude Distribution of the Heliospheric Characteristics and the GCR Intensity in 2007â€“2008 and 2014â€“2015. Physics of Atomic Nuclei, 2018, 81, 1355-1361.	0.1	3
39	New Parameter in the Description of Solar Cosmic Ray Eventsâ€”Energy of Balance between Solar and Galactic Protons. Physics of Atomic Nuclei, 2018, 81, 384-389.	0.1	1
40	Lithium and Beryllium Isotopes with the PAMELAÂExperiment. Astrophysical Journal, 2018, 862, 141.	1.6	14
41	Characteristics of the Energetic Electron Precipitation and Magnetospheric Conditions in 1994. Geomagnetism and Aeronomy, 2018, 58, 483-492.	0.2	4
42	Solar Energetic Particle Events Observed by the PAMELA Mission. Astrophysical Journal, 2018, 862, 97.	1.6	63
43	Stratospheric Measurements of Magnetospheric Electron Precipitation and Interplanetary Medium Conditions in Solar Activity Cycles 22â€“24. Solar System Research, 2018, 52, 189-194.	0.3	0
44	Galactic Cosmic Ray Intensity in the Upcoming Minimum of the Solar Activity Cycle. Geomagnetism and Aeronomy, 2018, 58, 169-177.	0.2	4
45	Trapped Positrons and Electrons in the Inner Radiation Belt According to Data of the PAMELA Experiment. Physics of Atomic Nuclei, 2018, 81, 515-519.	0.1	0
46	Precipitation of energetic magnetospheric electrons and accompanying solar wind characteristics. Geomagnetism and Aeronomy, 2017, 57, 147-155.	0.2	8
47	Precipitation of magnetospheric electrons into the Earthâ€™s atmosphere and the electrons of the outer radiation belt. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 215-218.	0.1	9
48	Spectra of solar neutrons with energies of ~10â€“1000 MeV in the PAMELA experiment in the flare events of 2006â€“2015. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 132-135.	0.1	4
49	Cosmic rays, solar activity, and changes in the Earthâ€™s climate. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 252-254.	0.1	7
50	Solar modulation of cosmic deuteron fluxes in the PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 151-153.	0.1	0
51	Modulation of electrons and positrons in 2006â€“2015 in the PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 154-156.	0.1	2
52	Secondary positrons and electrons in near-Earth space in the PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 203-205.	0.1	3
53	Modulation of galactic cosmic rays in solar cycles 22â€“24: Analysis and physical interpretation. Geomagnetism and Aeronomy, 2017, 57, 549-558.	0.2	11
54	Variations in cosmic rays and the surface electric field in January 2016. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 241-244.	0.1	9

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55	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.	0.1	3
56	Geomagnetically trapped, albedo and solar energetic particles: Trajectory analysis and flux reconstruction with PAMELA. Advances in Space Research, 2017, 60, 788-795.	1.2	13
57	The PAMELA experiment: a decade of Cosmic Ray Physics in space. Journal of Physics: Conference Series, 2017, 798, 012033.	0.3	4
58	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	0
59	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	0
60	Once again about origin of the solar cosmic rays. Journal of Physics: Conference Series, 2017, 798, 012034.	0.3	10
61	The PAMELA Experiment: A Cosmic Ray Experiment Deep Inside the Heliosphere. , 2017, , .		5
62	Measurements of electron and positron fluxes below the geomagnetic cutoff by the PAMELA magnetic spectrometer. , 2017, , .		0
63	Effect of the Jupiter magnetosphere on the cosmic ray protons measured with the PAMELA experiment. , 2017, , .		0
64	Time dependence of the proton and helium flux measured by PAMELA. , 2017, , .		0
65	Cosmic-Ray Lithium and Beryllium Isotopes in the PAMELA-Experiment. , 2017, , .		0
66	PAMELA measurements of solar energetic particle spectra. , 2017, , .		0
67	Short-term variation in the galactic cosmic ray intensity measured with the PAMELA experiment. , 2017, , .		0
68	Features of re-entrant albedo deuteron trajectories in near Earth orbit with PAMELA experiment. Journal of Physics: Conference Series, 2016, 675, 032007.	0.3	0
69	Trapped positrons observed by PAMELA experiment. Journal of Physics: Conference Series, 2016, 675, 032003.	0.3	1
70	The high energy cosmic ray particle spectra measurements with the PAMELA calorimeter. Nuclear and Particle Physics Proceedings, 2016, 273-275, 275-281.	0.2	1
71	Deuteron spectrum measurements under radiation belt with PAMELA instrument. Nuclear and Particle Physics Proceedings, 2016, 273-275, 2345-2347.	0.2	0
72	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.	2.9	54

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73	PAMELA's measurements of geomagnetic cutoff variations during the 14 December 2006 storm. Space Weather, 2016, 14, 210-220.	1.3	21
74	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	2
75	H, He, Li and Be Isotopes in the PAMELA-Experiment. Journal of Physics: Conference Series, 2016, 675, 032001.	0.3	0
76	On the relationship between quasi-biennial variations of solar activity, the heliospheric magnetic field and cosmic rays. Cosmic Research, 2016, 54, 171-177.	0.2	11
77	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.	0.6	37
78	The May 17, 2012 solar event: back-tracing analysis and flux reconstruction with PAMELA. Journal of Physics: Conference Series, 2016, 675, 032006.	0.3	5
79	MEASUREMENTS OF COSMIC-RAY HYDROGEN AND HELIUM ISOTOPES WITH THE PAMELA EXPERIMENT. Astrophysical Journal, 2016, 818, 68.	1.6	49
80	Solar Modulation of Galactic Cosmic Rays During 2006-2015 Based on PAMELA and ARINA Data. Physics Procedia, 2015, 74, 347-351.	1.2	0
81	Splash and Re-entrant Albedo Fluxes Measured in the PAMELA Experiment. Physics Procedia, 2015, 74, 314-319.	1.2	0
82	Search for Spatial and Temporary Variations of Galactic Cosmic Ray Positrons in PAMELA Experiment. Physics Procedia, 2015, 74, 302-307.	1.2	0
83	New Upper Limit on Strange Quark Matter Abundance in Cosmic Rays with the PAMELA Space Experiment. Physical Review Letters, 2015, 115, 111101.	2.9	14
84	TIME DEPENDENCE OF THEe^{â”}FLUX MEASURED BYPAMELADURING THE 2006 JULYâ€“2009 DECEMBER SOLAR MINIMUM. Astrophysical Journal, 2015, 810, 142.	1.6	60
85	Solar proton events in solar activity cycles 21â€“24. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 573-576.	0.1	10
86	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.	0.1	6
87	Analysis of cosmic ray variations recorded in Octoberâ€“December 2013. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 570-572.	0.1	3
88	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.	0.1	7
89	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	0
90	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	9

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91	Reentrant albedo proton fluxes measured by the PAMELA experiment. Journal of Geophysical Research: Space Physics, 2015, 120, 3728-3738.	0.8	20
92	Measurement of electron-positron spectrum in high-energy cosmic rays in the PAMELA experiment. Journal of Physics: Conference Series, 2015, 632, 012014.	0.3	3
93	PAMELA measurements of the boron and carbon spectra. Journal of Physics: Conference Series, 2015, 632, 012017.	0.3	1
94	Study of deuteron spectra under radiation belt with PAMELA instrument. Journal of Physics: Conference Series, 2015, 632, 012060.	0.3	0
95	Solar modulation of GCR electrons over the 23rd solar minimum with PAMELA. Journal of Physics: Conference Series, 2015, 632, 012073.	0.3	2
96	A comparison of proton activity in cycles 20â€“23. Geomagnetism and Aeronomy, 2015, 55, 277-286.	0.2	6
97	SEARCH FOR ANISOTROPIES IN COSMIC-RAY POSITRONS DETECTED BY THE PAMELA EXPERIMENT. Astrophysical Journal, 2015, 811, 21.	1.6	9
98	The PAMELA experiment and cosmic ray observations. Nuclear and Particle Physics Proceedings, 2015, 265-266, 242-244.	0.2	1
99	TRAPPED PROTON FLUXES AT LOW EARTH ORBITS MEASURED BY THE PAMELA EXPERIMENT. Astrophysical Journal Letters, 2015, 799, L4.	3.0	27
100	Detection of a change in the North-South ratio of count rates of particles of high-energy cosmic rays during a change in the polarity of the magnetic field of the Sun. JETP Letters, 2015, 101, 228-231.	0.4	0
101	Measurement of the large-scale anisotropy of cosmic rays in the PAMELA experiment. JETP Letters, 2015, 101, 295-298.	0.4	4
102	Measuring the albedo deuteron flux in the PAMELA satellite experiment. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 294-297.	0.1	1
103	Force-field parameterization of the galactic cosmic ray spectrum: Validation for Forbush decreases. Advances in Space Research, 2015, 55, 2940-2945.	1.2	18
104	Measuring the spectra of high-energy cosmic-ray particles in the PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 289-293.	0.1	1
105	Searching for anisotropy of positrons and electrons in the PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 298-301.	0.1	1
106	PAMELAâ€™S MEASUREMENTS OF MAGNETOSPHERIC EFFECTS ON HIGH-ENERGY SOLAR PARTICLES. Astrophysical Journal Letters, 2015, 801, L3.	3.0	27
107	Energetic Particle Influence on the Earthâ€™s Atmosphere. Space Science Reviews, 2015, 194, 1-96.	3.7	183
108	Comparison of measured and calculated magnetic fields along the Ulysses orbit. Advances in Space Research, 2015, 55, 908-919.	1.2	1

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109	The PAMELA Mission: Heralding a new era in precision cosmic ray physics. Physics Reports, 2014, 544, 323-370.	10.3	147
110	A method to detect positron anisotropies with Pamela data. Nuclear Physics, Section B, Proceedings Supplements, 2014, 256-257, 173-178.	0.5	2
111	MEASUREMENT OF BORON AND CARBON FLUXES IN COSMIC RAYS WITH THE PAMELA EXPERIMENT. Astrophysical Journal, 2014, 791, 93.	1.6	127
112	A Combined Analysis of the Observational Aspects of the Quasi-biennial Oscillation in Solar Magnetic Activity. Space Science Reviews, 2014, 186, 359-386.	3.7	113
113	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.	0.2	6
114	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.	0.7	2
115	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.	0.7	4
116	The heliospheric magnetic field and its relation to the temperature, density, and velocity of solar plasma: Experimental evidence. Cosmic Research, 2014, 52, 15-24.	0.2	2
117	Solar Cycle in the Heliosphere and Cosmic Rays. Space Science Reviews, 2014, 186, 409-435.	3.7	34
118	The PAMELA experiment and antimatter in the universe. Hyperfine Interactions, 2014, 228, 101-109.	0.2	0
119	Skobeltsyn and the early years of cosmic particle physics in the Soviet Union. Astroparticle Physics, 2014, 53, 61-66.	1.9	1
120	PAMELA mission: heralding a new era in cosmic ray physics. EPJ Web of Conferences, 2014, 71, 00115.	0.1	1
121	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.	0.1	1
122	Cosmic ray variations recorded by the CARPET facility on March 7, 2011. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 500-502.	0.1	0
123	Charged particle fluxes in the near-ground atmosphere. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 575-577.	0.1	0
124	Measurement of galactic cosmic-ray deuteron spectrum in the PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 606-608.	0.1	2
125	Cosmic-Ray Positron Energy Spectrum Measured by PAMELA. Physical Review Letters, 2013, 111, 081102.	2.9	243
126	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.	0.4	105

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127	The PAMELA space experiment. Advances in Space Research, 2013, 51, 209-218.	1.2	45
128	Measurements of cosmic-ray proton and helium spectra with the PAMELA calorimeter. Advances in Space Research, 2013, 51, 219-226.	1.2	36
129	North-south asymmetry for high-energy cosmic-ray electrons measured with the PAMELA experiment. Journal of Experimental and Theoretical Physics, 2013, 117, 268-273.	0.2	1
130	Searching for cosmic ray anisotropy using the calorimeter in the PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 1305-1308.	0.1	0
131	Spectra of primary cosmic-ray positrons and electrons in the PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 1309-1311.	0.1	2
132	Anisotropy studies in the cosmic ray proton flux with the PAMELA experiment. Nuclear Physics, Section B, Proceedings Supplements, 2013, 239-240, 123-128.	0.5	4
133	Galactic cosmic rays and parameters of the interplanetary medium near solar activity minima. Cosmic Research, 2013, 51, 29-36.	0.2	3
134	TIME DEPENDENCE OF THE PROTON FLUX MEASURED BY PAMELA DURING THE 2006 JULY-2009 DECEMBER SOLAR MINIMUM. Astrophysical Journal, 2013, 765, 91.	1.6	223
135	Measurement of antiproton flux in primary cosmic radiation with PAMELA experiment. Journal of Physics: Conference Series, 2013, 409, 012056.	0.3	2
136	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	10
137	Cosmic Ray Study with the PAMELA Experiment. Journal of Physics: Conference Series, 2013, 409, 012003.	0.3	8
138	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	0
139	MEASUREMENT OF THE ISOTOPIC COMPOSITION OF HYDROGEN AND HELIUM NUCLEI IN COSMIC RAYS WITH THE PAMELA EXPERIMENT. Astrophysical Journal, 2013, 770, 2.	1.6	39
140	Galactic deuteron spectrum measured in PAMELA experiment. Journal of Physics: Conference Series, 2013, 409, 012040.	0.3	4
141	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	0
142	Analysis of cosmic ray variations observed by the CARPET in association with solar flares in 2011-2012. Journal of Physics: Conference Series, 2013, 409, 012185.	0.3	9
143	Correlation between diffusion-convection and drift parameters of cosmic ray modulation in the minima of solar activity. Journal of Physics: Conference Series, 2013, 409, 012191.	0.3	0
144	A search algorithm for finding Cosmic-Ray anisotropy with the PAMELA calorimeter. Journal of Physics: Conference Series, 2013, 409, 012029.	0.3	6

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145	Cosmic ray electron and positron spectra measured with PAMELA. Journal of Physics: Conference Series, 2013, 409, 012035.	0.3	1
146	The PAMELA experiment: light-nuclei selection with stand-alone detectors. Journal of Physics: Conference Series, 2013, 409, 012038.	0.3	0
147	Search for cosmic ray electron-positron anisotropies with the Pamela data. Journal of Physics: Conference Series, 2013, 409, 012055.	0.3	3
148	Solar energetic particle events in 2006-2012 in the PAMELA experiment data. Journal of Physics: Conference Series, 2013, 409, 012188.	0.3	5
149	Cosmic rays and radioactivity in the near-ground level of the atmosphere. Journal of Physics: Conference Series, 2013, 409, 012213.	0.3	0
150	PRECISE COSMIC RAYS MEASUREMENTS WITH PAMELA. Acta Polytechnica, 2013, 53, 712-717.	0.3	0
151	THE PAMELA EXPERIMENT: FIVE YEARS OF COSMIC RAYS INVESTIGATION. Astroparticle, Particle, Space Physics, Radiation Interaction, Detectors and Medical Physics Applications, 2012, , 124-133.	0.1	0
152	The PAMELA space mission for antimatter and dark matter searches in space. Hyperfine Interactions, 2012, 213, 147-158.	0.2	0
153	Change in the rigidity dependence of the galactic cosmic ray modulation in 2008â€“2009. Advances in Space Research, 2012, 49, 784-790.	1.2	17
154	Solar modulation parameter for cosmic rays since 1936 reconstructed from ground-based neutron monitors and ionization chambers. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	230
155	Cosmic-Ray Electron Flux Measured by the PAMELA Experiment between 1 and 625ÂGeV. Physical Review Letters, 2011, 106, 201101.	2.9	281
156	PAMELA Measurements of Cosmic-Ray Proton and Helium Spectra. Science, 2011, 332, 69-72.	6.0	686
157	OBSERVATIONS OF THE 2006 DECEMBER 13 AND 14 SOLAR PARTICLE EVENTS IN THE 80 MeV n^{â€“1}-3 GeV n^{â€“1}RANGE FROM SPACE WITH THE PAMELA DETECTOR. Astrophysical Journal, 2011, 742, 102.	1.6	83
158	THE DISCOVERY OF GEOMAGNETICALLY TRAPPED COSMIC-RAY ANTIPROTONS. Astrophysical Journal Letters, 2011, 737, L29.	3.0	40
159	Upper limit on the antihelium flux in primary cosmic rays. JETP Letters, 2011, 93, 628-631.	0.4	17
160	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.	0.1	3
161	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.	0.1	1
162	Primary electron and positron fluxes measured by the PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 316-318.	0.1	1

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163	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.	0.1	11
164	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.	0.1	3
165	Trapped antiprotons in the Earth inner radiation belt in PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 854-856.	0.1	0
166	High-energy cosmic ray proton spectrum. Bulletin of the Lebedev Physics Institute, 2011, 38, 68-75.	0.1	1
167	PAMELA and electrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 28-35.	0.7	1
168	Results from PAMELA. Nuclear Physics, Section B, Proceedings Supplements, 2011, 217, 243-248.	0.5	2
169	S N Vernov and cosmic ray research in the Earth atmosphere. Physics-Uspekhi, 2011, 54, 210-215.	0.8	8
170	Latitudinal and radial gradients of galactic cosmic ray protons in the inner heliosphere â€“ PAMELA and Ulysses observations. Astrophysics and Space Sciences Transactions, 2011, 7, 425-434.	1.0	50
171	Ionization in the atmosphere, comparison between measurements and simulations. Astrophysics and Space Sciences Transactions, 2011, 7, 29-33.	1.0	8
172	Cosmic rays in the stratosphere in 2008â€“2010. Astrophysics and Space Sciences Transactions, 2011, 7, 379-382.	1.0	15
173	The PAMELA space mission for antimatter and dark matter searches in space. , 2011, , 367-378.		0
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