

Mirko Boezio

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

230
papers

7,521
citations

33
h-index

84
g-index

249
ext. papers

8,126
ext. citations

2.9
avg, IF

4.13
L-index

#	Paper	IF	Citations
230	Helium Fluxes Measured by the PAMELA Experiment from the Minimum to the Maximum Solar Activity for Solar Cycle 24. <i>Astrophysical Journal Letters</i> , 2022 , 925, L24	7.9	0
229	Design of an Antimatter Large Acceptance Detector In Orbit (ALADInO). <i>Instruments</i> , 2022 , 6, 19	1.2	0
228	On the Very Local Interstellar Spectra for Helium, Positrons, Antiprotons, Deuteron, and Antideuteron. <i>Physics of Atomic Nuclei</i> , 2021 , 84, 1121-1127	0.4	1
227	East-West Proton Flux Anisotropy Observed with the PAMELA Mission. <i>Astrophysical Journal</i> , 2021 , 919, 114	4.7	1
226	Time and Charge-sign Dependence of the Heliospheric Modulation of Cosmic Rays. <i>Astrophysical Journal</i> , 2021 , 909, 215	4.7	6
225	High precision particle astrophysics as a new window on the universe with an Antimatter Large Acceptance Detector In Orbit (ALADInO). <i>Experimental Astronomy</i> , 2021 , 51, 1299	1.3	4
224	Cosmic antihelium-3 nuclei sensitivity of the GAPS experiment. <i>Astroparticle Physics</i> , 2021 , 130, 102580	2.4	3
223	Solar-cycle Variations of South Atlantic Anomaly Proton Intensities Measured with the PAMELA Mission. <i>Astrophysical Journal Letters</i> , 2021 , 917, L21	7.9	1
222	The antinucleus annihilation reconstruction algorithm of the GAPS experiment. <i>Astroparticle Physics</i> , 2021 , 133, 102640	2.4	0
221	The 3D numerical modeling of the solar modulation of galactic protons and helium nuclei related to observations by PAMELA between 2006 and 2009. <i>Astrophysics and Space Science</i> , 2020 , 365, 1	1.6	12
220	Cosmic ray detection in space. <i>Progress in Particle and Nuclear Physics</i> , 2020 , 112, 103765	10.6	5
219	Cosmic Rays Investigation by the PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2020 , 1342, 012017	0.3	
218	Time dependence of the proton and helium flux measured by PAMELA. <i>Journal of Physics: Conference Series</i> , 2020 , 1342, 012124	0.3	
217	Time Dependence of the Flux of Helium Nuclei in Cosmic Rays Measured by the PAMELA Experiment between 2006 July and 2009 December. <i>Astrophysical Journal</i> , 2020 , 893, 145	4.7	8
216	Study of the 27 Day Variations in GCR Fluxes during 2007-2008 Based on PAMELA and ARINA Observations. <i>Astrophysical Journal</i> , 2020 , 904, 3	4.7	4
215	Precision measurements of cosmic ray electron and positron spectra above 50 MeV with the PAMELA magnetic spectrometer. <i>Journal of Physics: Conference Series</i> , 2020 , 1690, 012004	0.3	
214	Cosmic-ray antinuclei as messengers of new physics: status and outlook for the new decade. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020 , 2020,	6.4	18

213	Time dependence of the helium flux measured by PAMELA. <i>EPJ Web of Conferences</i> , 2019 , 209, 01004	0.3	
212	Modeling of Heliospheric Modulation of Cosmic-Ray Positrons in a Very Quiet Heliosphere. <i>Astrophysical Journal</i> , 2019 , 873, 70	4.7	20
211	Comparing Long-duration Gamma-Ray Flares and High-energy Solar Energetic Particles. <i>Astrophysical Journal</i> , 2019 , 879, 90	4.7	21
210	Galactic Cosmic Ray Electrons and Positrons over a Decade of Observations in the PAMELA Experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2019 , 83, 974-976	0.4	1
209	Cosmic ray electrons and positrons over decade with the PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2019 , 1390, 012061	0.3	
208	Proton Fluxes Measured by the PAMELA Experiment from the Minimum to the Maximum Solar Activity for Solar Cycle 24. <i>Astrophysical Journal Letters</i> , 2018 , 854, L2	7.9	41
207	Evidence of Energy and Charge Sign Dependence of the Recovery Time for the 2006 December Forbush Event Measured by the PAMELA Experiment. <i>Astrophysical Journal</i> , 2018 , 853, 76	4.7	18
206	Unexpected Cyclic Behavior in Cosmic-Ray Protons Observed by PAMELA at 1 au. <i>Astrophysical Journal Letters</i> , 2018 , 852, L28	7.9	7
205	Lithium and Beryllium Isotopes with the PAMELA Experiment. <i>Astrophysical Journal</i> , 2018 , 862, 141	4.7	11
204	Solar Energetic Particle Events Observed by the PAMELA Mission. <i>Astrophysical Journal</i> , 2018 , 862, 97	4.7	39
203	Trapped Positrons and Electrons in the Inner Radiation Belt According to Data of the PAMELA Experiment. <i>Physics of Atomic Nuclei</i> , 2018 , 81, 515-519	0.4	
202	High-energy gamma-ray studying with GAMMA-400 after Fermi-LAT. <i>Journal of Physics: Conference Series</i> , 2017 , 798, 012011	0.3	3
201	Modifications of a method for low energy gamma-ray incident angle reconstruction in the GAMMA-400 gamma-ray telescope. <i>Journal of Physics: Conference Series</i> , 2017 , 798, 012012	0.3	
200	Spectra of solar neutrons with energies of $\sim 10^4$ MeV in the PAMELA experiment in the flare events of 2006-2015. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2017 , 81, 132-135	0.4	3
199	Solar modulation of cosmic deuteron fluxes in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2017 , 81, 151-153	0.4	
198	Modulation of electrons and positrons in 2006-2015 in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2017 , 81, 154-156	0.4	1
197	Secondary positrons and electrons in near-Earth space in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2017 , 81, 203-205	0.4	2
196	New stage in high-energy gamma-ray studies with GAMMA-400 after Fermi-LAT. <i>EPJ Web of Conferences</i> , 2017 , 145, 06001	0.3	2

195	New stage in high-energy gamma-ray studies with GAMMA-400 after Fermi-LAT. <i>EPJ Web of Conferences</i> , 2017 , 145, 06001	0.3	1
194	Geomagnetically trapped, albedo and solar energetic particles: Trajectory analysis and flux reconstruction with PAMELA. <i>Advances in Space Research</i> , 2017 , 60, 788-795	2.4	10
193	The PAMELA experiment: a decade of Cosmic Ray Physics in space. <i>Journal of Physics: Conference Series</i> , 2017 , 798, 012033	0.3	2
192	Sharp increasing of positron to electron fluxes ratio below 2 GV measured by the PAMELA. <i>Journal of Physics: Conference Series</i> , 2017 , 798, 012019	0.3	
191	Solar modulation of galactic cosmic rays during 2006-2015 based on PAMELA and ARINA data. <i>Journal of Physics: Conference Series</i> , 2017 , 798, 012042	0.3	
190	The PAMELA Experiment: A Cosmic Ray Experiment Deep Inside the Heliosphere 2017 ,		2
189	The GAPS experiment to search for dark matter using low-energy antimatter 2017 ,		2
188	Deuteron spectrum measurements under radiation belt with PAMELA instrument. <i>Nuclear and Particle Physics Proceedings</i> , 2016 , 273-275, 2345-2347	0.4	
187	Time Dependence of the Electron and Positron Components of the Cosmic Radiation Measured by the PAMELA Experiment between July 2006 and December 2015. <i>Physical Review Letters</i> , 2016 , 116, 241105	7.4	43
186	The GAMMA-400 gamma-ray telescope for precision gamma-ray emission investigations. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 032009	0.3	2
185	PAMELA's measurements of geomagnetic cutoff variations during the 14 December 2006 storm. <i>Space Weather</i> , 2016 , 14, 210-220	3.7	15
184	The measurement of the dipole anisotropy of protons and helium cosmic rays with the PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 032005	0.3	1
183	H, He, Li and Be Isotopes in the PAMELA-Experiment. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 032001	0.3	
182	The May 17, 2012 solar event: back-tracing analysis and flux reconstruction with PAMELA. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 032006	0.3	3
181	MEASUREMENTS OF COSMIC-RAY HYDROGEN AND HELIUM ISOTOPES WITH THEPAMELAEXPERIMENT. <i>Astrophysical Journal</i> , 2016 , 818, 68	4.7	42
180	Perspectives of the GAMMA-400 space observatory for high-energy gamma rays and cosmic rays measurements. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 032010	0.3	2
179	Features of re-entrant albedo deuteron trajectories in near Earth orbit with PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 032007	0.3	
178	Trapped positrons observed by PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 032003	0.3	

177	The high energy cosmic ray particle spectra measurements with the PAMELA calorimeter. <i>Nuclear and Particle Physics Proceedings</i> , 2016 , 273-275, 275-281	0.4	1
176	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. <i>JETP Letters</i> , 2015 , 101, 228-231	1.2	
175	Measurement of the large-scale anisotropy of cosmic rays in the PAMELA experiment. <i>JETP Letters</i> , 2015 , 101, 295-298	1.2	4
174	Measuring the albedo deuteron flux in the PAMELA satellite experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015 , 79, 294-297	0.4	1
173	The GAMMA-400 experiment: Status and prospects. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015 , 79, 417-420	0.4	27
172	Force-field parameterization of the galactic cosmic ray spectrum: Validation for Forbush decreases. <i>Advances in Space Research</i> , 2015 , 55, 2940-2945	2.4	15
171	Measuring the spectra of high-energy cosmic-ray particles in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015 , 79, 289-293	0.4	1
170	Searching for anisotropy of positrons and electrons in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015 , 79, 298-301	0.4	1
169	PAMELA ^B MEASUREMENTS OF MAGNETOSPHERIC EFFECTS ON HIGH-ENERGY SOLAR PARTICLES. <i>Astrophysical Journal Letters</i> , 2015 , 801, L3	7.9	23
168	Solar Modulation of Galactic Cosmic Rays During 2006-2015 Based on PAMELA and ARINA Data. <i>Physics Procedia</i> , 2015 , 74, 347-351		
167	Space Observatory GAMMA-400 Current Status and Perspectives. <i>Physics Procedia</i> , 2015 , 74, 177-182		6
166	Splash and Re-entrant Albedo Fluxes Measured in the PAMELA Experiment. <i>Physics Procedia</i> , 2015 , 74, 314-319		
165	Search for Spatial and Temporary Variations of Galactic Cosmic Ray Positrons in PAMELA Experiment. <i>Physics Procedia</i> , 2015 , 74, 302-307		
164	New upper limit on strange quark matter abundance in cosmic rays with the PAMELA space experiment. <i>Physical Review Letters</i> , 2015 , 115, 111101	7.4	12
163	TIME DEPENDENCE OF THE FLUX MEASURED BY PAMELA DURING THE 2006 JULY-2009 DECEMBER SOLAR MINIMUM. <i>Astrophysical Journal</i> , 2015 , 810, 142	4.7	43
162	Separation of electrons and protons in the GAMMA-400 gamma-ray telescope. <i>Advances in Space Research</i> , 2015 , 56, 1538-1545	2.4	5
161	Time variations of proton flux in Earth inner radiation belt during 23/24 solar cycles based on the PAMELA and the ARINA data. <i>Journal of Physics: Conference Series</i> , 2015 , 632, 012069	0.3	
160	Reentrant albedo proton fluxes measured by the PAMELA experiment. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 3728-3738	2.6	16

159	CALOCUBE: an approach to high-granularity and homogenous calorimetry for space based detectors. <i>Journal of Physics: Conference Series</i> , 2015 , 587, 012029	0.3	5
158	Measurement of electron-positron spectrum in high-energy cosmic rays in the PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2015 , 632, 012014	0.3	2
157	PAMELA measurements of the boron and carbon spectra. <i>Journal of Physics: Conference Series</i> , 2015 , 632, 012017	0.3	0
156	Study of deuteron spectra under radiation belt with PAMELA instrument. <i>Journal of Physics: Conference Series</i> , 2015 , 632, 012060	0.3	
155	Solar modulation of GCR electrons over the 23rd solar minimum with PAMELA. <i>Journal of Physics: Conference Series</i> , 2015 , 632, 012073	0.3	2
154	SEARCH FOR ANISOTROPIES IN COSMIC-RAY POSITRONS DETECTED BY THE PAMELA EXPERIMENT. <i>Astrophysical Journal</i> , 2015 , 811, 21	4.7	8
153	MODULATION OF GALACTIC ELECTRONS IN THE HELIOSPHERE DURING THE UNUSUAL SOLAR MINIMUM OF 2006-2009: A MODELING APPROACH. <i>Astrophysical Journal</i> , 2015 , 810, 141	4.7	45
152	The PAMELA experiment and cosmic ray observations. <i>Nuclear and Particle Physics Proceedings</i> , 2015 , 265-266, 242-244	0.4	1
151	TRAPPED PROTON FLUXES AT LOW EARTH ORBITS MEASURED BY THE PAMELA EXPERIMENT. <i>Astrophysical Journal Letters</i> , 2015 , 799, L4	7.9	18
150	The PAMELA experiment and antimatter in the universe. <i>Hyperfine Interactions</i> , 2014 , 228, 101-109	0.8	
149	Cosmic Ray Electrons and Protons, and Their Antiparticles. <i>Brazilian Journal of Physics</i> , 2014 , 44, 441-449	1.2	2
148	PAMELA mission: heralding a new era in cosmic ray physics. <i>EPJ Web of Conferences</i> , 2014 , 71, 00115	0.3	1
147	The PAMELA Mission: Heralding a new era in precision cosmic ray physics. <i>Physics Reports</i> , 2014 , 544, 323-370	27.7	129
146	A method to detect positron anisotropies with Pamela data. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014 , 256-257, 173-178		1
145	MEASUREMENT OF BORON AND CARBON FLUXES IN COSMIC RAYS WITH THE PAMELA EXPERIMENT. <i>Astrophysical Journal</i> , 2014 , 791, 93	4.7	104
144	New measurements of the energy spectra of high-energy cosmic-ray protons and helium nuclei with the calorimeter in the PAMELA experiment. <i>Journal of Experimental and Theoretical Physics</i> , 2014 , 119, 448-452	1	4
143	Analysis on H spectral shape during the early 2012 SEPs with the PAMELA experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 742, 158-161	1.2	2
142	Measurement of hydrogen and helium isotopes flux in galactic cosmic rays with the PAMELA experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 742, 273-275	1.2	4

141	Modulation of Galactic Protons in the Heliosphere During the Unusual Solar Minimum of 2006 to 2009. <i>Solar Physics</i> , 2014 , 289, 391-406	2.6	110
140	Solar proton events at the end of the 23rd and start of the 24th solar cycle recorded in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013 , 77, 493-496	0.4	1
139	Antiprotons of galactic cosmic radiation in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013 , 77, 602-605	0.4	1
138	Measurement of galactic cosmic-ray deuteron spectrum in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013 , 77, 606-608	0.4	2
137	Cosmic-ray positron energy spectrum measured by PAMELA. <i>Physical Review Letters</i> , 2013 , 111, 081102	7.4	203
136	Measurement of the flux of primary cosmic ray antiprotons with energies of 60 MeV to 350 GeV in the PAMELA experiment. <i>JETP Letters</i> , 2013 , 96, 621-627	1.2	91
135	The GAMMA-400 Space Experiment: Gammas, Electrons and Nuclei Measurements. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013 , 239-240, 204-209		1
134	Status of the GAMMA-400 project. <i>Advances in Space Research</i> , 2013 , 51, 297-300	2.4	68
133	The PAMELA space experiment. <i>Advances in Space Research</i> , 2013 , 51, 209-218	2.4	40
132	Measurements of cosmic-ray proton and helium spectra with the PAMELA calorimeter. <i>Advances in Space Research</i> , 2013 , 51, 219-226	2.4	33
131	North-south asymmetry for high-energy cosmic-ray electrons measured with the PAMELA experiment. <i>Journal of Experimental and Theoretical Physics</i> , 2013 , 117, 268-273	1	1
130	Characteristics of the GAMMA-400 gamma-ray telescope for searching for dark matter signatures. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013 , 77, 1339-1342	0.4	19
129	Searching for cosmic ray anisotropy using the calorimeter in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013 , 77, 1305-1308	0.4	
128	Spectra of primary cosmic-ray positrons and electrons in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013 , 77, 1309-1311	0.4	2
127	Anisotropy studies in the cosmic ray proton flux with the PAMELA experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013 , 239-240, 123-128		2
126	TIME DEPENDENCE OF THE PROTON FLUX MEASURED BY PAMELA DURING THE 2006 JULY-2009 DECEMBER SOLAR MINIMUM. <i>Astrophysical Journal</i> , 2013 , 765, 91	4.7	189
125	PRECISE COSMIC RAYS MEASUREMENTS WITH PAMELA. <i>Acta Polytechnica</i> , 2013 , 53, 712-717	1	
124	Measurement of antiproton flux in primary cosmic radiation with PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012056	0.3	2

123	Multi messenger astronomy and CTA: TeV cosmic rays and electrons. <i>Astroparticle Physics</i> , 2013 , 43, 163-170	3	
122	Cosmic Ray Study with the PAMELA Experiment. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012003	3	7
121	Study of solar modulation of galactic cosmic rays with the PAMELA and ARINA spectrometers in 2006-2012. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012194	0.3	
120	MEASUREMENT OF THE ISOTOPIC COMPOSITION OF HYDROGEN AND HELIUM NUCLEI IN COSMIC RAYS WITH THE PAMELA EXPERIMENT. <i>Astrophysical Journal</i> , 2013 , 770, 2	4.7	33
119	Design and performance of the GAMMA-400 gamma-ray telescope for dark matter searches 2013 ,		22
118	Galactic deuteron spectrum measured in PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012040	0.3	3
117	A search algorithm for finding Cosmic-Ray anisotropy with the PAMELA calorimeter. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012029	0.3	3
116	Cosmic ray electron and positron spectra measured with PAMELA. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012035	0.3	1
115	The PAMELA experiment: light-nuclei selection with stand-alone detectors. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012038	0.3	
114	Search for cosmic ray electron-positron anisotropies with the Pamela data. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012055	0.3	2
113	Solar energetic particle events in 2006-2012 in the PAMELA experiment data. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012188	0.3	4
112	The PAMELA space mission for antimatter and dark matter searches in space. <i>Hyperfine Interactions</i> , 2012 , 213, 147-158	0.8	
111	Chemical composition of galactic cosmic rays with space experiments. <i>Astroparticle Physics</i> , 2012 , 39-40, 95-108	2.4	12
110	Cosmic-ray electron flux measured by the PAMELA experiment between 1 and 625 GeV. <i>Physical Review Letters</i> , 2011 , 106, 201101	7.4	239
109	PAMELA measurements of cosmic-ray proton and helium spectra. <i>Science</i> , 2011 , 332, 69-72	33.3	574
108	OBSERVATIONS OF THE 2006 DECEMBER 13 AND 14 SOLAR PARTICLE EVENTS IN THE 80 MeV $n \approx 3$ GeV $n \approx 1$ RANGE FROM SPACE WITH THE PAMELA DETECTOR. <i>Astrophysical Journal</i> , 2011 , 742, 102	4.7	69
107	THE DISCOVERY OF GEOMAGNETICALLY TRAPPED COSMIC-RAY ANTIPROTONS. <i>Astrophysical Journal Letters</i> , 2011 , 737, L29	7.9	33
106	Upper limit on the antihelium flux in primary cosmic rays. <i>JETP Letters</i> , 2011 , 93, 628-631	1.2	13

105	Scientific tasks and present status of the GAMMA-400 project. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2011 , 75, 875-877	0.4	2
104	Measuring fluxes of the protons and helium nuclei of high-energy cosmic rays. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2011 , 75, 327-330	0.4	2
103	The search for antihelium in cosmic rays using data from the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2011 , 75, 331-333	0.4	1
102	Primary electron and positron fluxes measured by the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2011 , 75, 316-318	0.4	1
101	Solar modulation of the spectra of protons and helium nuclei in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2011 , 75, 779-781	0.4	5
100	High-energy cosmic ray proton spectrum. <i>Bulletin of the Lebedev Physics Institute</i> , 2011 , 38, 68-75	0.5	1
99	PAMELA and electrons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 630, 28-35	1.2	1
98	Results from PAMELA. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011 , 217, 243-248		2
97	Latitudinal and radial gradients of galactic cosmic ray protons in the inner heliosphere [PAMELA and Ulysses observations. <i>Astrophysics and Space Sciences Transactions</i> , 2011 , 7, 425-434		42
96	The possibilities of simultaneous detection of gamma rays, cosmic-ray electrons and positrons on the GAMMA-400 space observatory. <i>Astrophysics and Space Sciences Transactions</i> , 2011 , 7, 75-78		6
95	The PAMELA space mission for antimatter and dark matter searches in space 2011 , 367-378		
94	PAMELA results on the cosmic-ray antiproton flux from 60 MeV to 180 GeV in kinetic energy. <i>Physical Review Letters</i> , 2010 , 105, 121101	7.4	396
93	Measurement of the high-energy electron and positron spectrum in the PAMELA experiment. <i>Bulletin of the Lebedev Physics Institute</i> , 2010 , 37, 184-190	0.5	3
92	A statistical procedure for the identification of positrons in the PAMELA experiment. <i>Astroparticle Physics</i> , 2010 , 34, 1-11	2.4	122
91	New measurement of the antiproton-to-proton flux ratio up to 100 GeV in the cosmic radiation. <i>Physical Review Letters</i> , 2009 , 102, 051101	7.4	409
90	PAMELA and indirect dark matter searches. <i>New Journal of Physics</i> , 2009 , 11, 105023	2.9	28
89	The PAMELA space mission. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 188, 296-298		5
88	Latest results from PAMELA. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 194, 123-128		1

87	An anomalous positron abundance in cosmic rays with energies 1.5-100 GeV. <i>Nature</i> , 2009 , 458, 607-9	50.4	1570
86	Cosmic ray measurements with Pamela experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 190, 293-299		8
85	Secondary electron and positron fluxes in the near-Earth space observed in the ARINA and PAMELA experiments. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2009 , 73, 364-366	0.4	1
84	Positrons and electrons in primary cosmic rays as measured in the PAMELA experiment. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2009 , 73, 568-570	0.4	3
83	Measurements of quasi-trapped electron and positron fluxes with PAMELA. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		17
82	Performance of the PAMELA Si-W imaging calorimeter in space. <i>Journal of Physics: Conference Series</i> , 2009 , 160, 012039	0.3	
81	Two Years of Flight of the Pamela Experiment: Results and Perspectives. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 35-40	1.5	4
80	The PAMELA space experiment: first year of operation. <i>Journal of Physics: Conference Series</i> , 2008 , 110, 062002	0.3	7
79	Magnetospheric and solar physics observations with the PAMELA experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 588, 243-246	1.2	1
78	Launch of the space experiment PAMELA. <i>Advances in Space Research</i> , 2008 , 42, 455-466	2.4	33
77	In-flight performances of the PAMELA satellite experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 588, 259-266	1.2	9
76	PAMELA DA payload for antimatter matter exploration and light-nuclei astrophysics. <i>Astroparticle Physics</i> , 2007 , 27, 296-315	2.4	317
75	The Pamela experiment ready for flight. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 572, 471-473	1.2	1
74	The PAMELA storage and control unit. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 572, 349-350	1.2	
73	Detector response and calibration of the cosmic-ray detector of the Sileye-3/Alteino experiment. <i>Advances in Space Research</i> , 2006 , 37, 1691-1696	2.4	16
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