

Mirko Boezio

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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	An anomalous positron abundance in cosmic rays with energies 1.5-100 GeV. <i>Nature</i> , 2009 , 458, 607-9	50.4	1570
229	PAMELA measurements of cosmic-ray proton and helium spectra. <i>Science</i> , 2011 , 332, 69-72	33.3	574
228	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
227	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
226	PAMELA DA payload for antimatter matter exploration and light-nuclei astrophysics. <i>Astroparticle Physics</i> , 2007 , 27, 296-315	2.4	317
225	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
224	Cosmic-ray positron energy spectrum measured by PAMELA. <i>Physical Review Letters</i> , 2013 , 111, 081102	7.4	203
223	The Cosmic-Ray Electron and Positron Spectra Measured at 1 AU during Solar Minimum Activity. <i>Astrophysical Journal</i> , 2000 , 532, 653-669	4.7	195
222	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
221	The Cosmic-Ray Proton and Helium Spectra between 0.4 and 200 GV. <i>Astrophysical Journal</i> , 1999 , 518, 457-472	4.7	164
220	The Cosmic-Ray Antiproton Flux between 3 and 49 GeV. <i>Astrophysical Journal</i> , 2001 , 561, 787-799	4.7	153
219	The PAMELA Mission: Heralding a new era in precision cosmic ray physics. <i>Physics Reports</i> , 2014 , 544, 323-370	27.7	129
218	A statistical procedure for the identification of positrons in the PAMELA experiment. <i>Astroparticle Physics</i> , 2010 , 34, 1-11	2.4	122
217	The Cosmic-Ray Antiproton Flux between 0.62 and 3.19 GeV Measured Near Solar Minimum Activity. <i>Astrophysical Journal</i> , 1997 , 487, 415-423	4.7	117
216	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
215	The cosmic-ray proton and helium spectra measured with the CAPRICE98 balloon experiment. <i>Astroparticle Physics</i> , 2003 , 19, 583-604	2.4	108
214	MEASUREMENT OF BORON AND CARBON FLUXES IN COSMIC RAYS WITH THE PAMELA EXPERIMENT. <i>Astrophysical Journal</i> , 2014 , 791, 93	4.7	104

213	Measurements of Ground-Level Muons at Two Geomagnetic Locations. <i>Physical Review Letters</i> , 1999 , 83, 4241-4244	7.4	104
212	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
211	Measurement of the Positron to Electron Ratio in the Cosmic Rays above 5 GeV. <i>Astrophysical Journal</i> , 1996 , 457,	4.7	91
210	A high granularity imaging calorimeter for cosmic-ray physics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 487, 407-422	1.2	75
209	Space travel: Dual origins of light flashes seen in space. <i>Nature</i> , 2003 , 422, 680	50.4	72
208	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
207	Status of the GAMMA-400 project. <i>Advances in Space Research</i> , 2013 , 51, 297-300	2.4	68
206	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
205	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
204	TIME DEPENDENCE OF THE e^+ FLUX MEASURED BY PAMELA DURING THE 2006 JULY-2009 DECEMBER SOLAR MINIMUM. <i>Astrophysical Journal</i> , 2015 , 810, 142	4.7	43
203	MEASUREMENTS OF COSMIC-RAY HYDROGEN AND HELIUM ISOTOPES WITH THE PAMELA EXPERIMENT. <i>Astrophysical Journal</i> , 2016 , 818, 68	4.7	42
202	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
201	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
200	The PAMELA space experiment. <i>Advances in Space Research</i> , 2013 , 51, 209-218	2.4	40
199	Solar Energetic Particle Events Observed by the PAMELA Mission. <i>Astrophysical Journal</i> , 2018 , 862, 97	4.7	39
198	Measurements of cosmic-ray electrons and positrons by the Wizard/CAPRICE collaboration. <i>Advances in Space Research</i> , 2001 , 27, 669-674	2.4	37
197	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
196	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

195	THE DISCOVERY OF GEOMAGNETICALLY TRAPPED COSMIC-RAY ANTIPROTONS. <i>Astrophysical Journal Letters</i> , 2011 , 737, L29	7.9	33
194	Launch of the space experiment PAMELA. <i>Advances in Space Research</i> , 2008 , 42, 455-466	2.4	33
193	The ALTEA/ALTEINO projects: studying functional effects of microgravity and cosmic radiation. <i>Advances in Space Research</i> , 2004 , 33, 1352-7	2.4	33
192	Eye light flashes on the Mir space station. <i>Acta Astronautica</i> , 2002 , 50, 511-25	2.9	32
191	Measurement of the flux of atmospheric muons with the CAPRICE94 apparatus. <i>Physical Review D</i> , 2000 , 62,	4.9	32
190	The PAMELA experiment in space. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 262-268	1.2	29
189	In-flight performance of SilEye-2 experiment and cosmic ray abundances inside the Mir space station. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001 , 27, 2051-2064	2.9	29
188	PAMELA and indirect dark matter searches. <i>New Journal of Physics</i> , 2009 , 11, 105023	2.9	28
187	Experiment NINA: investigation of low energy nuclear fluxes in the near-Earth space. <i>Astroparticle Physics</i> , 1997 , 8, 109-121	2.4	28
186	The GAMMA-400 experiment: Status and prospects. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015 , 79, 417-420	0.4	27
185	The PAMELA experiment on satellite and its capability in cosmic rays measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 478, 114-118	1.2	27
184	New Measurement of the Flux of Atmospheric Muons. <i>Physical Review Letters</i> , 1999 , 82, 4757-4760	7.4	27
183	First Mass-resolved Measurement of High-Energy Cosmic-Ray Antiprotons. <i>Astrophysical Journal</i> , 2000 , 534, L177-L180	4.7	26
182	Energy spectra of atmospheric muons measured with the CAPRICE98 balloon experiment. <i>Physical Review D</i> , 2003 , 67,	4.9	25
181	PAMELAB MEASUREMENTS OF MAGNETOSPHERIC EFFECTS ON HIGH-ENERGY SOLAR PARTICLES. <i>Astrophysical Journal Letters</i> , 2015 , 801, L3	7.9	23
180	The electron hadron separation performance of the PAMELA electromagnetic calorimeter. <i>Astroparticle Physics</i> , 2006 , 26, 111-118	2.4	23
179	The WiZard/CAPRICE silicon-tungsten calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 370, 403-412 ^{1.2}		23
178	A silicon imaging calorimeter prototype for antimatter search in space: experimental results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1993 , 333, 560-566	1.2	23

177	Design and performance of the GAMMA-400 gamma-ray telescope for dark matter searches 2013 ,		22
176	The Sileye-ALteino experiment on board the International Space Station. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 113, 71-78		22
175	Study of cosmic rays and light flashes on board Space Station MIR: the SilEye experiment. <i>Advances in Space Research</i> , 2000 , 25, 2075-9	2.4	22
174	Comparing Long-duration Gamma-Ray Flares and High-energy Solar Energetic Particles. <i>Astrophysical Journal</i> , 2019 , 879, 90	4.7	21
173	In-Orbit Performance of the Space Telescope NINA and Galactic Cosmic-Ray Flux Measurements. <i>Astrophysical Journal, Supplement Series</i> , 2001 , 132, 365-375	8	21
172	Modeling of Heliospheric Modulation of Cosmic-Ray Positrons in a Very Quiet Heliosphere. <i>Astrophysical Journal</i> , 2019 , 873, 70	4.7	20
171	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
170	The Space Experiment PAMELA. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004 , 134, 39-46		19
169	ALTEA: anomalous long term effects in astronauts. A probe on the influence of cosmic radiation and microgravity on the central nervous system during long flights. <i>Advances in Space Research</i> , 2003 , 31, 141-6	2.4	19
168	High-Energy Deuteron Measurement with the CAPRICE98 Experiment. <i>Astrophysical Journal</i> , 2004 , 615, 259-274	4.7	19
167	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
166	TRAPPED PROTON FLUXES AT LOW EARTH ORBITS MEASURED BY THE PAMELA EXPERIMENT. <i>Astrophysical Journal Letters</i> , 2015 , 799, L4	7.9	18
165	Performance of the CAPRICE RICH detector during the 1994 balloon flight. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 371, 169-173	1.2	18
164	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
163	Measurements of quasi-trapped electron and positron fluxes with PAMELA. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		17
162	CAPRICE98: A balloon borne magnetic spectrometer to study cosmic ray antimatter and composition at different atmospheric depths. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 78, 32-37		17
161	The space telescope NINA: results of a beam test calibration. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 424, 414-424	1.2	17
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	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
158	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
157	PAMELA's measurements of geomagnetic cutoff variations during the 14 December 2006 storm. <i>Space Weather</i> , 2016 , 14, 210-220	3.7	15
156	The PAMELA Storage and Control Unit. <i>Advances in Space Research</i> , 2006 , 37, 1857-1861	2.4	15
155	Isotope composition of secondary hydrogen and helium above the atmosphere measured by the instruments NINA and NINA-2. <i>Journal of Geophysical Research</i> , 2003 , 108,		15
154	Upper limit on the antihelium flux in primary cosmic rays. <i>JETP Letters</i> , 2011 , 93, 628-631	1.2	13
153	Relative nuclear abundances inside ISS with Sileye-3/Alteino experiment. <i>Advances in Space Research</i> , 2006 , 37, 1685-1690	2.4	13
152	The Sileye-3/Alteino experiment for the study of light flashes, radiation environment and astronaut brain activity on board the International Space Station. <i>Journal of Radiation Research</i> , 2002 , 43 Suppl, S47-52	2.4	13
151	Silicon calorimeter for cosmic antimatter search. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1993 , 32, 77-82		13
150	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
149	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
148	Chemical composition of galactic cosmic rays with space experiments. <i>Astroparticle Physics</i> , 2012 , 39-40, 95-108	2.4	12
147	ABOUT SEPARATION OF HADRON AND ELECTROMAGNETIC CASCADES IN THE PAMELA CALORIMETER. <i>International Journal of Modern Physics A</i> , 2005 , 20, 6745-6748	1.2	12
146	A gas-RICH detector for space. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 433, 87-91	1.2	12
145	Lithium and Beryllium Isotopes with the PAMELA Experiment. <i>Astrophysical Journal</i> , 2018 , 862, 141	4.7	11
144	The GILDA mission: a new technique for a gamma-ray telescope in the energy range 20 MeV-100 GeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 354, 547-552	1.2	11
143	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
142	Study of the combined particle identification capability of a transition radiation detector and a silicon imaging calorimeter during the TS93 balloon flight. <i>Astroparticle Physics</i> , 1997 , 7, 219-230	2.4	10

141	<i>Letter to the Editor&/i> Energy spectrum of secondary protons above the atmosphere measured by the instruments NINA and NINA-2. <i>Annales Geophysicae</i> , 2002 , 20, 1693-1697	2	10
140	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
139	Study of the radiation environment on MIR space station with SILEYE-2 experiment. <i>Advances in Space Research</i> , 2003 , 31, 135-40	2.4	9
138	WiZard Si?W imaging calorimeter: a preliminary study on its particle identification capability during a balloon flight in 1993. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 17-21	1.2	9
137	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
136	SEARCH FOR ANISOTROPIES IN COSMIC-RAY POSITRONS DETECTED BY THE PAMELA EXPERIMENT. <i>Astrophysical Journal</i> , 2015 , 811, 21	4.7	8
135	Cosmic ray measurements with Pamela experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 190, 293-299		8
134	Unexpected Cyclic Behavior in Cosmic-Ray Protons Observed by PAMELA at 1 au. <i>Astrophysical Journal Letters</i> , 2018 , 852, L28	7.9	7
133	Cosmic Ray Study with the PAMELA Experiment. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012003o.3		7
132	The PAMELA space experiment: first year of operation. <i>Journal of Physics: Conference Series</i> , 2008 , 110, 062002	0.3	7
131	PAMELA: a satellite experiment for antiparticles measurement in cosmic rays. <i>IEEE Transactions on Nuclear Science</i> , 2004 , 51, 854-859	1.7	7
130	Flux of atmospheric muons: Comparison between AIRES simulations and CAPRICE98 data. <i>Physical Review D</i> , 2003 , 68,	4.9	7
129	Performance of the CAPRICE98 balloon-borne gas-RICH detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 463, 161-174	1.2	7
128	Space Observatory GAMMA-400 Current Status and Perspectives. <i>Physics Procedia</i> , 2015 , 74, 177-182		6
127	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
126	Geomagnetically trapped light isotopes observed with the detector NINA. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 8-1-SMP 8-8		6
125	Identification of cosmic ray electrons and positrons by neural networks. <i>Astroparticle Physics</i> , 1996 , 5, 111-117	2.4	6
124	Time and Charge-sign Dependence of the Heliospheric Modulation of Cosmic Rays. <i>Astrophysical Journal</i> , 2021 , 909, 215	4.7	6

123	Cosmic ray detection in space. <i>Progress in Particle and Nuclear Physics</i> , 2020 , 112, 103765	10.6	5
122	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
121	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
120	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
119	The PAMELA space mission. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 188, 296-298		5
118	Experimental beam test of the SilEye2 apparatus. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 399, 477-488 ^{1,2}		5
117	Cosmic-ray observations of the heliosphere with the PAMELA experiment. <i>Advances in Space Research</i> , 2006 , 37, 1848-1852	2.4	5
116	A wide aperture telescope for high energy gamma rays detection. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1995 , 43, 253-256		5
115	Measurement of the large-scale anisotropy of cosmic rays in the PAMELA experiment. <i>JETP Letters</i> , 2015 , 101, 295-298	1.2	4
114	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
113	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
112	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
111	The small satellite NINA-MITA to study galactic and solar cosmic rays in low-altitude polar orbit. <i>Advances in Space Research</i> , 2003 , 31, 351-356	2.4	4
110	Simulation study of the siliconWungsten calorimeter for ACCESS. <i>Astroparticle Physics</i> , 2003 , 19, 463-476	2.4	4
109	Imaging dark matter with the Pamela experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 471, 184-187 ^{1,2}		4
108	Launch in orbit of the telescope NINA for cosmic ray observations: preliminary results. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000 , 85, 28-33		4
107	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
106	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

105	The large-scale anisotropy with the PAMELA calorimeter. <i>ASTRA Proceedings</i> , 2, 35-37		4
104	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
103	High-energy gamma-ray studying with GAMMA-400 after Fermi-LAT. <i>Journal of Physics: Conference Series</i> , 2017 , 798, 012011	0.3	3
102	Spectra of solar neutrons with energies of $\sim 10^7$ 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
101	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
100	Multi messenger astronomy and CTA: TeV cosmic rays and electrons. <i>Astroparticle Physics</i> , 2013 , 43, 163-170	1.7	3
99	Galactic deuteron spectrum measured in PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012040	0.3	3
98	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
97	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
96	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
95	A second level trigger for the PAMELA satellite experiment. <i>Astroparticle Physics</i> , 2006 , 25, 33-40	2.4	3
94	New concepts in silicon calorimetry for space experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 186-187	1.2	3
93	A particle classification system for the PAMELA calorimeter. <i>Astroparticle Physics</i> , 2005 , 22, 431-438	2.4	3
92	CAPRICE98: a balloon-borne magnetic spectrometer equipped with a gas RICH and a silicon calorimeter to study cosmic rays. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 461, 269-271	1.2	3
91	Measurements of primary cosmic-ray hydrogen and helium by the WiZard collaboration. <i>Advances in Space Research</i> , 2001 , 27, 755-760	2.4	3
90	Light Isotope Abundances in Solar Energetic Particles Measured by the Space Instrument NINA. <i>Astrophysical Journal</i> , 2002 , 577, 513-523	4.7	3
89	Cosmic antihelium-3 nuclei sensitivity of the GAPS experiment. <i>Astroparticle Physics</i> , 2021 , 130, 102580	2.4	3
88	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

87	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
86	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
85	Cosmic Ray Electrons and Protons, and Their Antiparticles. <i>Brazilian Journal of Physics</i> , 2014 , 44, 441-449	1.2	2
84	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
83	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
82	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
81	The PAMELA experiment: a decade of Cosmic Ray Physics in space. <i>Journal of Physics: Conference Series</i> , 2017 , 798, 012033	0.3	2
80	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
79	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
78	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
77	Measurement of antiproton flux in primary cosmic radiation with PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012056	0.3	2
76	Search for cosmic ray electron-positron anisotropies with the Pamela data. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012055	0.3	2
75	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
74	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
73	Results from PAMELA. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011 , 217, 243-248		2
72	Space qualification tests of the PAMELA instrument. <i>Advances in Space Research</i> , 2006 , 37, 1841-1847	2.4	2
71	The PAMELA Experiment: A Cosmic Ray Experiment Deep Inside the Heliosphere 2017 ,		2
70	The GAPS experiment to search for dark matter using low-energy antimatter 2017 ,		2

69	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
68	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
67	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
66	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
65	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
64	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
63	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
62	PAMELA mission: heralding a new era in cosmic ray physics. <i>EPJ Web of Conferences</i> , 2014 , 71, 00115	0.3	1
61	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
60	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
59	The GAMMA-400 Space Experiment: Gammas, Electrons and Nuclei Measurements. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013 , 239-240, 204-209		1
58	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
57	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
56	The PAMELA experiment and cosmic ray observations. <i>Nuclear and Particle Physics Proceedings</i> , 2015 , 265-266, 242-244	0.4	1
55	A method to detect positron anisotropies with Pamela data. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014 , 256-257, 173-178		1
54	Cosmic ray electron and positron spectra measured with PAMELA. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012035	0.3	1
53	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
52	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

51	High-energy cosmic ray proton spectrum. <i>Bulletin of the Lebedev Physics Institute</i> , 2011 , 38, 68-75	0.5	1
50	Latest results from PAMELA. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009 , 194, 123-128		1
49	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
48	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
47	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
46	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
45	High-energy deuteron measurement with the CAPRICE98 experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 113, 88-94		1
44	The WiZard collaboration cosmic ray muon measurements in the atmosphere. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000 , 85, 355-360		1
43	Cosmic ray antiproton/electron discrimination capability of the CAPRICE silicon-tungsten calorimeter using neural networks. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 381, 413-417	1.2	1
42	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
41	East-West Proton Flux Anisotropy Observed with the PAMELA Mission. <i>Astrophysical Journal</i> , 2021 , 919, 114	4.7	1
40	Search for a positron anisotropy with PAMELA experiment. <i>ASTRA Proceedings</i> , 2 , 17-20		1
39	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
38	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
37	PAMELA measurements of the boron and carbon spectra. <i>Journal of Physics: Conference Series</i> , 2015 , 632, 012017	0.3	0
36	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
35	The antinucleus annihilation reconstruction algorithm of the GAPS experiment. <i>Astroparticle Physics</i> , 2021 , 133, 102640	2.4	0
34	Design of an Antimatter Large Acceptance Detector In Orbit (ALADInO). <i>Instruments</i> , 2022 , 6, 19	1.2	0

- 33 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
- 32 Solar modulation of cosmic deuteron fluxes in the PAMELA experiment. *Bulletin of the Russian Academy of Sciences: Physics*, **2017**, 81, 151-153 0.4
- 31 Time dependence of the helium flux measured by PAMELA. *EPJ Web of Conferences*, **2019**, 209, 01004 0.3
- 30 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 1.2
- 29 Cosmic Rays Investigation by the PAMELA experiment. *Journal of Physics: Conference Series*, **2020**, 1342, 012017 0.3
- 28 Time dependence of the proton and helium flux measured by PAMELA. *Journal of Physics: Conference Series*, **2020**, 1342, 012124 0.3
- 27 Deuteron spectrum measurements under radiation belt with PAMELA instrument. *Nuclear and Particle Physics Proceedings*, **2016**, 273-275, 2345-2347 0.4
- 26 H, He, Li and Be Isotopes in the PAMELA-Experiment. *Journal of Physics: Conference Series*, **2016**, 675, 032001 0.3
- 25 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
- 24 The PAMELA experiment and antimatter in the universe. *Hyperfine Interactions*, **2014**, 228, 101-109 0.8
- 23 Solar Modulation of Galactic Cosmic Rays During 2006-2015 Based on PAMELA and ARINA Data. *Physics Procedia*, **2015**, 74, 347-351
- 22 Splash and Re-entrant Albedo Fluxes Measured in the PAMELA Experiment. *Physics Procedia*, **2015**, 74, 314-319
- 21 Search for Spatial and Temporary Variations of Galactic Cosmic Ray Positrons in PAMELA Experiment. *Physics Procedia*, **2015**, 74, 302-307
- 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
- 19 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
- 18 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
- 17 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
- 16 Study of deuteron spectra under radiation belt with PAMELA instrument. *Journal of Physics: Conference Series*, **2015**, 632, 012060 0.3

15	PRECISE COSMIC RAYS MEASUREMENTS WITH PAMELA. <i>Acta Polytechnica</i> , 2013 , 53, 712-717	1
14	The PAMELA space mission for antimatter and dark matter searches in space. <i>Hyperfine Interactions</i> , 2012 , 213, 147-158	0.8
13	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
12	The PAMELA experiment: light-nuclei selection with stand-alone detectors. <i>Journal of Physics: Conference Series</i> , 2013 , 409, 012038	0.3
11	Performance of the PAMELA Si-W imaging calorimeter in space. <i>Journal of Physics: Conference Series</i> , 2009 , 160, 012039	0.3
10	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
9	Clustering analysis and supervised methods for antiparticle studies in the PAMELA experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 525, 412-416	1.2
8	Modular classification systems for antiparticle studies in PAMELA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 164-166	1.2
7	CLIMB: cosmic light isotopes and muons with balloons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 525, 114-117 ^{1.2}	1.2
6	Determining the Characteristics of Cosmic-Radiation Nuclei in the Sileye Experiment on Board the Mir Orbital Station. <i>Instruments and Experimental Techniques</i> , 2001 , 44, 623-625	0.5
5	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
4	The PAMELA space mission for antimatter and dark matter searches in space 2011 , 367-378	
3	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
2	Trapped positrons observed by PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2016 , 675, 032003	0.3
1	Cosmic ray electrons and positrons over decade with the PAMELA experiment. <i>Journal of Physics: Conference Series</i> , 2019 , 1390, 012061	0.3