Massimo Bongi

List of Publications by Year in descending order

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266	7,822	116194	58552
papers	citations	36 h-index	86 g-index

271	271	271	8153
all docs	docs citations	times ranked	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	Direct Measurement of the Nickel Spectrum in Cosmic Rays in the Energy Range from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>8.8</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>GeV mathvariant="italic">n</mml:mi></mml:mrow></mml:math> to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>240</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>GeV	2.9	7
3	CALET Search for Electromagnetic Counterparts of Gravitational Waves during the LIGO/Virgo O3 Run. Astrophysical Journal, 2022, 933, 85.	1.6	3
4	Measurement of the Iron Spectrum in Cosmic Rays from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>10</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>GeV to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2.0</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>TeV Physical Review Letters, 2021, 126, 241101.	2.9	20
5	Solar-cycle Variations of South Atlantic Anomaly Proton Intensities Measured with the PAMELA Mission. Astrophysical Journal Letters, 2021, 917, L21.	3.0	7
6	The reliability of muography applied in the detection of the animal burrows within River Levees validated by means of geophysical techniques. Journal of Applied Geophysics, 2021, 191, 104376.	0.9	9
7	Eastâ€“West Proton Flux Anisotropy Observed with the PAMELA Mission. Astrophysical Journal, 2021, 919, 114.	1.6	3
8	The CaloCube calorimeter for high-energy cosmic-ray measurements in space: performance of a large-scale prototype. Journal of Instrumentation, 2021, 16, P10024.	0.5	5
9	CALET Observations during the First 5 Years on the ISS. Physics of Atomic Nuclei, 2021, 84, 985-994.	0.1	0
10	CALET results after three years on the International Space Station. Journal of Physics: Conference Series, 2020, 1468, 012074.	0.3	2
11	Multidisciplinary applications of muon radiography using the MIMA detector. Journal of Instrumentation, 2020, 15, C05030-C05030.	0.5	7
12	Muon radiography applied to volcanoes imaging: the MURAVES experiment at Mt. Vesuvius. Journal of Instrumentation, 2020, 15, C03014-C03014.	0.5	14
13	Cosmic Rays Investigation by the PAMELA experiment. Journal of Physics: Conference Series, 2020, 1342, 012017.	0.3	0
14	Time dependence of the proton and helium flux measured by PAMELA. Journal of Physics: Conference Series, 2020, 1342, 012124.	0.3	0
15	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
16	Measurement of energy flow, cross section and average inelasticity of forward neutrons produced in $$ sqrt{s} $$ = 13 TeV proton-proton collisions with the LHCf Arm2 detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	9
17	Precision Measurement of the Cosmic-Ray Carbon and Oxygen Spectra from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>10</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>GeV mathvariant="italic">n</mml:mi></mml:mstyle></mml:mrow></mml:math> to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2.2</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>TeV	2.9	31
18	CALET on the International Space Station: the first three years of observations. Physica Scripta, 2020, 95, 074012.	1.2	1

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19	Tracker-In-Calorimeter (TIC): a calorimetric approach to tracking gamma rays in space experiments. Journal of Instrumentation, 2020, 15, P09034-P09034.	0.5	1
20	LHCf Program for Run III. , 2020, , .		0
21	CaloCube: a new concept calorimeter for the detection of high energy cosmic rays in space. Journal of Physics: Conference Series, 2019, 1162, 012042.	0.3	6
22	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
23	Recent results from the LHCf and RHICf experiments. EPJ Web of Conferences, 2019, 208, 05004.	0.1	0
24	The CALorimetric Electron Telescope (CALET) on the International Space Station: Results from the First Two Years of Operation. EPJ Web of Conferences, 2019, 208, 13001.	0.1	0
25	Time dependence of the helium flux measured by PAMELA. EPJ Web of Conferences, 2019, 209, 01004.	0.1	0
26	Direct Measurement of the Cosmic-Ray Proton Spectrum from 50ÂGeV to 10ÂTeV with the Calorimetric Electron Telescope on the International Space Station. Physical Review Letters, 2019, 122, 181102.	2.9	108
27	A New Approach to Calorimetry in Space-Based Experiments for High-Energy Cosmic Rays. Universe, 2019, 5, 72.	0.9	2
28	Volcanoes in Italy and the role of muon radiography. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180050.	1.6	11
29	3D Muography for the Search of Hidden Cavities. Scientific Reports, 2019, 9, 2974.	1.6	39
30	Tests of a novel imaging algorithm to localize hidden objects or cavities with muon radiography. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180063.	1.6	7
31	The CALorimetric Electron Telescope (CALET) on the International Space Station: Results from the First Two Years On Orbit. Journal of Physics: Conference Series, 2019, 1181, 012003.	0.3	6
32	Muon Radiography of Ancient Mines: The San Silvestro Archaeo-Mining Park (Campiglia Marittima,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	18
33	CALET Results after Three Years on Orbit on the International Space Station. Physics of Atomic Nuclei, 2019, 82, 766-772.	0.1	5
34	Cosmic ray electrons and positrons over decade with the PAMELA experiment. Journal of Physics: Conference Series, 2019, 1390, 012061.	0.3	0
35	The CALOCUBE project for a space based cosmic ray experiment: design, construction, and first performance of a high granularity calorimeter prototype. Journal of Instrumentation, 2019, 14, P11004-P11004.	0.5	12
36	On-orbit operations and offline data processing of CALET onboard the ISS. Astroparticle Physics, 2018, 100, 29-37.	1.9	26

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37	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
38	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
39	Unexpected Cyclic Behavior in Cosmic-Ray Protons Observed by PAMELA at 1 au. Astrophysical Journal Letters, 2018, 852, L28.	3.0	10
40	Measurement of inclusive forward neutron production cross section in proton-proton collisions at $$ sqrt{s}=13 $$ TeV with the LHCf Arm2 detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	19
41	Characteristics and Performance of the CALorimetric Electron Telescope (CALET) Calorimeter for Gamma-Ray Observations. Astrophysical Journal, Supplement Series, 2018, 238, 5.	3.0	16
42	The Resent Results from the LHCf Experiment. , 2018, , .		3
43	Extended Measurement of the Cosmic-Ray Electron and Positron Spectrum from 11ÂGeV to 4.8ÂTeV with the Calorimetric Electron Telescope on the International Space Station. Physical Review Letters, 2018, 120, 261102.	2.9	134
44	Lithium and Beryllium Isotopes with the PAMELAÂExperiment. Astrophysical Journal, 2018, 862, 141.	1.6	14
45	Solar Energetic Particle Events Observed by the PAMELA Mission. Astrophysical Journal, 2018, 862, 97.	1.6	63
46	Search for GeV Gamma-Ray Counterparts of Gravitational Wave Events by CALET. Astrophysical Journal, 2018, 863, 160.	1.6	10
47	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
48	Measurement of forward photon production cross-section in protonâ€“proton collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:msqrt><mml:mo>=</mml:mo><mml:mn>13</m width="0.25em" /><mml:mtext>TeV</mml:mtext></mml:math> with the LHCf detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 233-239.	1.5	17
49	The performance for the TeV photon measurement of the LHCf upgraded detector using Gd2SiO5 (GSO) scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 490-493.	0.7	0
50	CaloCube: a novel calorimeter for high-energy cosmic rays in space. Journal of Instrumentation, 2017, 12, C06004-C06004.	0.5	0
51	Energy calibration of CALET onboard the International Space Station. Astroparticle Physics, 2017, 91, 1-10.	1.9	39
52	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
53	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
54	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

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55	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
56	CaloCube: An isotropic spaceborne calorimeter for high-energy cosmic rays. Optimization of the detector performance for protons and nuclei. Astroparticle Physics, 2017, 96, 11-17.	1.9	13
57	Energy Spectrum of Cosmic-Ray Electron and Positron from 10ÂGeV to 3ÂTeV Observed with the Calorimetric Electron Telescope on the International Space Station. Physical Review Letters, 2017, 119, 181101.	2.9	116
58	CaloCube: A new-concept calorimeter for the detection of high-energy cosmic rays in space. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 421-424.	0.7	16
59	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
60	The PAMELA experiment: a decade of Cosmic Ray Physics in space. Journal of Physics: Conference Series, 2017, 798, 012033.	0.3	4
61	Performance study for the photon measurements of the upgraded LHCf calorimeters with Gd₂SiO₅(GSO) scintillators. Journal of Instrumentation, 2017, 12, P03023-P03023.	0.5	9
62	CaloCube: an innovative homogeneous calorimeter for the next-generation space experiments. Journal of Physics: Conference Series, 2017, 928, 012013.	0.3	10
63	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
64	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
65	CaloCube: a novel calorimeter for high-energy cosmic rays in space. EPJ Web of Conferences, 2017, 136, 02011.	0.1	0
66	Results of the LHCf experiment and the forward measurements at the LHC. EPJ Web of Conferences, 2017, 145, 09002.	0.1	0
67	Recent Results from the LHCf Experiment. , 2017, , .		0
68	Introduction to the High Energy cosmic-Radiation Detection (HERD) Facility onboard Chinaâ€™s Future Space Station. , 2017, , .		5
69	The PAMELA Experiment: A Cosmic Ray Experiment Deep Inside the Heliosphere. , 2017, , .		5
70	Latest results from the LHCf Experiment. , 2017, , .		0
71	Measurements of very forward particles production spectra at LHC: the LHCf experiment. , 2017, , .		0
72	Measurements of electron and positron fluxes below the geomagnetic cutoff by the PAMELA magnetic spectrometer. , 2017, , .		0

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73	Effect of the Jupiter magnetosphere on the cosmic ray protons measured with the PAMELA experiment. , 2017, , .		0
74	Time dependence of the proton and helium flux measured by PAMELA. , 2017, , .		0
75	Cosmic-Ray Lithium and Beryllium Isotopes in the PAMELA-Experiment. , 2017, , .		0
76	PAMELA measurements of solar energetic particle spectra. , 2017, , .		0
77	Short-term variation in the galactic cosmic ray intensity measured with the PAMELA experiment. , 2017, , .		0
78	A novel 3-D calorimeter for the High Energy cosmic-Radiation Detection (HERD) Facility onboard Chinaâ€™s Future Space Station. , 2017, , .		3
79	Status of the LHCf experiment. , 2017, , .		0
80	Time dependence of the helium flux measured by PAMELA. , 2017, , .		0
81	Results of the LHCf experiment and the forward measurements at the LHC. EPJ Web of Conferences, 2017, 145, 09002.	0.1	0
82	LHCf experiment: forward physics at LHC for cosmic rays study. EPJ Web of Conferences, 2016, 126, 04014.	0.1	2
83	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
84	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
85	Trapped positrons observed by PAMELA experiment. Journal of Physics: Conference Series, 2016, 675, 032003.	0.3	1
86	LHCf Experiment: Physics Results. Nuclear and Particle Physics Proceedings, 2016, 279-281, 125-129.	0.2	0
87	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
88	Latest LHCf physics results. Nuclear and Particle Physics Proceedings, 2016, 273-275, 2073-2077.	0.2	0
89	Deuteron spectrum measurements under radiation belt with PAMELA instrument. Nuclear and Particle Physics Proceedings, 2016, 273-275, 2345-2347.	0.2	0
90	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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91	The GAMMA-400 gamma-ray telescope for precision gamma-ray emission investigations. Journal of Physics: Conference Series, 2016, 675, 032009.	0.3	4
92	PAMELA's measurements of geomagnetic cutoff variations during the 14 December 2006 storm. Space Weather, 2016, 14, 210-220.	1.3	21
93	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
94	H, He, Li and Be Isotopes in the PAMELA-Experiment. Journal of Physics: Conference Series, 2016, 675, 032001.	0.3	0
95	Measurements of longitudinal and transverse momentum distributions for neutral pions in the forward-rapidity region with the LHCf detector. Physical Review D, 2016, 94, .	1.6	54
96	Calocubeâ€"A highly segmented calorimeter for a space based experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 609-613.	0.7	13
97	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
98	MEASUREMENTS OF COSMIC-RAY HYDROGEN AND HELIUM ISOTOPES WITH THE PAMELA EXPERIMENT. Astrophysical Journal, 2016, 818, 68.	1.6	49
99	CALET UPPER LIMITS ON X-RAY AND GAMMA-RAY COUNTERPARTS OF GW151226. Astrophysical Journal Letters, 2016, 829, L20.	3.0	20
100	Solar Modulation of Galactic Cosmic Rays During 2006-2015 Based on PAMELA and ARINA Data. Physics Procedia, 2015, 74, 347-351.	1.2	0
101	Space Î³-observatory GAMMA-400 Current Status and Perspectives. Physics Procedia, 2015, 74, 177-182.	1.2	8
102	Splash and Re-entrant Albedo Fluxes Measured in the PAMELA Experiment. Physics Procedia, 2015, 74, 314-319.	1.2	0
103	Search for Spatial and Temporary Variations of Galactic Cosmic Ray Positrons in PAMELA Experiment. Physics Procedia, 2015, 74, 302-307.	1.2	0
104	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
105	TIME DEPENDENCE OF THEe^{â"}FLUX MEASURED BYPAMELADURING THE 2006 JULYâ€"2009 DECEMBER SOLAR MINIMUM. Astrophysical Journal, 2015, 810, 142.	1.6	60
106	Separation of electrons and protons in the GAMMA-400 gamma-ray telescope. Advances in Space Research, 2015, 56, 1538-1545.	1.2	10
107	Measurement of very forward neutron energy spectra for 7 TeV protonâ€"proton collisions at the Large Hadron Collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 360-366.	1.5	37
108	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

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109	Reentrant albedo proton fluxes measured by the PAMELA experiment. Journal of Geophysical Research: Space Physics, 2015, 120, 3728-3738.	0.8	20
110	CALOCUBE: an approach to high-granularity and homogenous calorimetry for space based detectors. Journal of Physics: Conference Series, 2015, 587, 012029.	0.3	10
111	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
112	PAMELA measurements of the boron and carbon spectra. Journal of Physics: Conference Series, 2015, 632, 012017.	0.3	1
113	The CALorimetric Electron Telescope (CALET) for high-energy astroparticle physics on the International Space Station. Journal of Physics: Conference Series, 2015, 632, 012023.	0.3	8
114	Study of deuteron spectra under radiation belt with PAMELA instrument. Journal of Physics: Conference Series, 2015, 632, 012060.	0.3	0
115	Solar modulation of GCR electrons over the 23rd solar minimum with PAMELA. Journal of Physics: Conference Series, 2015, 632, 012073.	0.3	2
116	Recent results from the LHCf experiment. EPJ Web of Conferences, 2015, 96, 01031.	0.1	1
117	Recent results from LHCf. EPJ Web of Conferences, 2015, 99, 08004.	0.1	0
118	The CALorimetric Electron Telescope (CALET) for high-energy astroparticle physics on the International Space Station. EPJ Web of Conferences, 2015, 95, 04056.	0.1	1
119	Latest LHCf results and preparation to the LHC run for 13 TeV protonâ€“proton interactions. EPJ Web of Conferences, 2015, 95, 04010.	0.1	0
120	SEARCH FOR ANISOTROPIES IN COSMIC-RAY POSITRONS DETECTED BY THE PAMELA EXPERIMENT. Astrophysical Journal, 2015, 811, 21.	1.6	9
121	The PAMELA experiment and cosmic ray observations. Nuclear and Particle Physics Proceedings, 2015, 265-266, 242-244.	0.2	1
122	TRAPPED PROTON FLUXES AT LOW EARTH ORBITS MEASURED BY THE PAMELA EXPERIMENT. Astrophysical Journal Letters, 2015, 799, L4.	3.0	27
123	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
124	Measurement of the large-scale anisotropy of cosmic rays in the PAMELA experiment. JETP Letters, 2015, 101, 295-298.	0.4	4
125	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
126	The GAMMA-400 experiment: Status and prospects. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 417-420.	0.1	30

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127	Force-field parameterization of the galactic cosmic ray spectrum: Validation for Forbush decreases. Advances in Space Research, 2015, 55, 2940-2945.	1.2	18
128	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
129	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
130	PAMELAâ€™S MEASUREMENTS OF MAGNETOSPHERIC EFFECTS ON HIGH-ENERGY SOLAR PARTICLES. Astrophysical Journal Letters, 2015, 801, L3.	3.0	27
131	Development of a homogeneous, isotropic, and high dynamic range calorimeter for the study of primary cosmic rays in space experiments. , 2015, , .		0
132	Forward physics with the LHCf experiment: a LHC contribution to cosmic-ray physics. EPJ Web of Conferences, 2014, 71, 00019.	0.1	2
133	Can execution time describe accurately the energy consumption of mobile apps? an experiment in Android. , 2014, , .		40
134	The PAMELA Mission: Heralding a new era in precision cosmic ray physics. Physics Reports, 2014, 544, 323-370.	10.3	147
135	A method to detect positron anisotropies with Pamela data. Nuclear Physics, Section B, Proceedings Supplements, 2014, 256-257, 173-178.	0.5	2
136	Status and performance of the CALorimetric Electron Telescope (CALET) on the International Space Station. Nuclear Physics, Section B, Proceedings Supplements, 2014, 256-257, 225-232.	0.5	8
137	MEASUREMENT OF BORON AND CARBON FLUXES IN COSMIC RAYS WITH THE PAMELA EXPERIMENT. Astrophysical Journal, 2014, 791, 93.	1.6	127
138	Transverse-momentum distribution and nuclear modification factor for neutral pions in the forward-rapidity region in proton-lead collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mrow><mml mathvariant="italic">N</mml:mi><mml:mi>N</mml:mi></mml:mrow></mml:msub></mml:msqrt><mml:mo>=</mml:mo><mml:mn>5.0 Physical Review C, 2014, 89, .	1.1	28
139	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
140	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
141	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
142	The PAMELA experiment and antimatter in the universe. Hyperfine Interactions, 2014, 228, 101-109.	0.2	0
143	The performance of the LHCf detector for hadronic showers. Journal of Instrumentation, 2014, 9, P03016-P03016.	0.5	18
144	PAMELA mission: heralding a new era in cosmic ray physics. EPJ Web of Conferences, 2014, 71, 00115.	0.1	1

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145	The GAMMA-400 Space Experiment. , 2014, , .		0
146	PAMELA: Mission Status and Future Analysis Development. , 2014, , .		0
147	Solar modulation of galactic protons and helium with the PAMELA experiment. , 2014, , .		0
148	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
149	Antiprotons of galactic cosmic radiation in the PAMELA experiment. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 602-605.	0.1	1
150	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
151	Cosmic-Ray Positron Energy Spectrum Measured by PAMELA. Physical Review Letters, 2013, 111, 081102.	2.9	243
152	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
153	Homogeneous and isotropic calorimetry for space experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 311-315.	0.7	8
154	The PAMELA space experiment. Advances in Space Research, 2013, 51, 209-218.	1.2	45
155	Measurements of cosmic-ray proton and helium spectra with the PAMELA calorimeter. Advances in Space Research, 2013, 51, 219-226.	1.2	36
156	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
157	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
158	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
159	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
160	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
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