

Michela Prest

List of Publications by Year in descending order

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papers

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all docs

342
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7411
citing authors

#	ARTICLE	IF	CITATIONS
1	Muon detection in electron-positron annihilation for muon collider studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1024, 166129.	1.6	1
2	The ENUBET experiment. International Journal of Modern Physics A, 2022, 37, .	1.5	1
3	Upgrade of the scintillating bars detector for the ASACUSA experiment. EPJ Web of Conferences, 2022, 262, 01013.	0.3	0
4	Investigation on steering of ultrarelativistic e^+e^- beam through an axially oriented bent crystal. European Physical Journal C, 2021, 81, 1.	3.9	10
5	Investigation on radiation generated by sub-GeV electrons in ultrashort silicon and germanium bent crystals. European Physical Journal C, 2021, 81, 1.	3.9	12
6	Progress towards the first measurement of charm baryon dipole moments. Physical Review D, 2021, 103, .	4.7	16
7	Limits on antiproton-nuclei annihilation cross sections at ≈ 125 keV. Nuclear Physics A, 2021, 1009, 122170.	1.5	12
8	A study of muon-electron elastic scattering in a test beam. Journal of Instrumentation, 2021, 16, P06005.	1.2	8
9	ENUBET: a monitored neutrino beam for the precision era of neutrino physics. Journal of Physics: Conference Series, 2021, 2156, 012234.	0.4	0
10	A portable cosmic ray detector for school education. Journal of Instrumentation, 2021, 16, P12008.	1.2	0
11	Transition radiation measurements with a Si and a GaAs pixel sensor on a Timepix3 chip. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162037.	1.6	9
12	The ENUBET ERC project for an instrumented decay tunnel for future neutrino beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162162.	1.6	0
13	Polysiloxane-based scintillators for shashlik calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 956, 163379.	1.6	11
14	Silicon Photomultipliers for the decay tunnel instrumentation of the ENUBET neutrino beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 983, 164482.	1.6	1
15	The ENUBET positron tagger prototype: construction and testbeam performance. Journal of Instrumentation, 2020, 15, P08001-P08001.	1.2	10
16	Decay tunnel instrumentation for the ENUBET neutrino beam. Journal of Instrumentation, 2020, 15, C05059-C05059.	1.2	0
17	Broad angular anisotropy of multiple scattering in a Si crystal. European Physical Journal C, 2020, 80, 1.	3.9	9
18	Study of muon pair production from positron annihilation at threshold energy. Journal of Instrumentation, 2020, 15, P01036-P01036.	1.2	9

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19	A high precision narrow-band neutrino beam: The ENUBET project. International Journal of Modern Physics A, 2020, 35, 2044017.	1.5	1
20	Shashlik calorimeters for the ENUBET tagged neutrino beam. Journal of Physics: Conference Series, 2019, 1162, 012032.	0.4	0
21	Shashlik calorimeters: Novel compact prototypes for the ENUBET experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 148-149.	1.6	2
22	Irradiation and performance of RGB-HD Silicon Photomultipliers for calorimetric applications. Journal of Instrumentation, 2019, 14, P02029-P02029.	1.2	17
23	First measurements of the spectral and angular distribution of transition radiation using a silicon pixel sensor on a Timepix3 chip. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 523-526.	1.6	6
24	Identification of particles with Lorentz factor up to $\gamma > 4$ with Transition Radiation Detectors based on micro-strip silicon detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 1-13.	1.6	7
25	Measurement of the energy spectra and of the angular distribution of the Transition Radiation with a silicon strip detector. Journal of Physics: Conference Series, 2019, 1390, 012115.	0.4	0
26	A feasibility test run for the MUonE project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 636-637.	1.6	8
27	Measurement of the antiproton-nucleus annihilation cross-section at low energy. Nuclear Physics A, 2018, 970, 366-378.	1.5	22
28	Status of the ENUBET project. Journal of Physics: Conference Series, 2018, 1056, 012047.	0.4	0
29	Calibration of AGILE-GRID with On-ground Data and Monte Carlo Simulations. Astrophysical Journal, 2018, 861, 125.	4.5	4
30	Experimental technique for antiproton-nucleus annihilation cross section measurements at low energy. EPJ Web of Conferences, 2018, 182, 03009.	0.3	0
31	Antiproton-nucleus annihilation cross section at low energy. EPJ Web of Conferences, 2018, 182, 03013.	0.3	0
32	Testbeam performance of a shashlik calorimeter with fine-grained longitudinal segmentation. Journal of Instrumentation, 2018, 13, P01028-P01028.	1.2	15
33	Strong Reduction of the Effective Radiation Length in an Axially Oriented Scintillator Crystal. Physical Review Letters, 2018, 121, 021603.	7.8	20
34	Longitudinally segmented shashlik calorimeters with SiPM readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 511-514.	1.6	2
35	Shashlik Calorimeters With Embedded SiPMs for Longitudinal Segmentation. IEEE Transactions on Nuclear Science, 2017, 64, 1056-1061.	2.0	24
36	Splitting of a high-energy positively-charged particle beam with a bent crystal. Nuclear Instruments & Methods in Physics Research B, 2017, 402, 296-299.	1.4	1

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37	Experimental evidence of independence of nuclear de-channeling length on the particle charge sign. European Physical Journal C, 2017, 77, 1.	3.9	14
38	Steering of Sub-GeV electrons by ultrashort Si and Ge bent crystals. European Physical Journal C, 2017, 77, 1.	3.9	26
39	Longitudinally segmented shashlik calorimeters with SiPM embedded readout. , 2017, , .		0
40	New results of the antiproton-carbon annihilation cross section measurement at low energies. EPJ Web of Conferences, 2016, 130, 07014.	0.3	1
41	Longitudinally segmented shashlik calorimeters with SiPM readout: The SCENTT experiment. , 2016, , .		0
42	A compact light readout system for longitudinally segmented shashlik calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 830, 345-354.	1.6	24
43	Single and multichannel scintillating fiber dosimeter for radiotherapeutic beams with SiPM readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 838, 1-11.	1.6	2
44	Emission of photons by positrons channeled in single crystals near an energy of 100 GeV. Journal of Experimental and Theoretical Physics, 2016, 122, 802-812.	0.9	1
45	Relaxation of axially confined 400 GeV/c protons to planar channeling in a bent crystal. European Physical Journal C, 2016, 76, 1.	3.9	13
46	Channeling radiation of multi-GeV positrons in single crystals. International Journal of Modern Physics A, 2016, 31, 1650051.	1.5	6
47	The design and construction of the MICE Electron-Muon Ranger. Journal of Instrumentation, 2016, 11, T10007-T10007.	1.2	7
48	Investigation of the Electromagnetic Radiation Emitted by Sub-GeV Electrons in a Bent Crystal. Physical Review Letters, 2015, 115, 025504.	7.8	46
49	Comparative results on the deflection of positively and negatively charged particles by multiple volume reflections in a multi-strip silicon deflector. JETP Letters, 2015, 101, 679-684.	1.4	4
50	Study of the readout configuration of the GAMMA-400 silicon tracker sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 798, 80-87.	1.6	2
51	Scintillating bar detector for antiproton annihilations measurements. Hyperfine Interactions, 2015, 233, 53-58.	0.5	16
52	A real time scintillating fiber Time of Flight spectrometer for LINAC photoproduced neutrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 777, 154-160.	1.6	3
53	A SiPM based real time dosimeter for radiotherapeutic beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 773, 72-80.	1.6	6
54	Observation of nuclear dechanneling length reduction for high energy protons in a short bent crystal. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 440-443.	4.1	4

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55	The experimental setup of the Interaction in Crystals for Emission of RADIation collaboration at Mainzer Mikrotron: Design, commissioning, and tests. Review of Scientific Instruments, 2015, 86, 045102.	1.3	5
56	Orientalional Coherent Effects of High-Energy Particles in a LiNbO_3 Crystal. Physical Review Letters, 2015, 115, 015503.	7.8	10
57	First measurement of the antiproton-nucleus annihilation cross section at 125 keV. Hyperfine Interactions, 2015, 234, 85-92.	0.5	8
58	Beam Diagnostics for Measurements of Antiproton Annihilation Cross Sections at Ultra-low Energy. EPJ Web of Conferences, 2014, 66, 09020.	0.3	0
59	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	3.9	292
60	Experimental evidence of planar channeling in a periodically bent crystal. European Physical Journal C, 2014, 74, 1.	3.9	23
61	Steering efficiency of a ultrarelativistic proton beam in a thin bent crystal. European Physical Journal C, 2014, 74, 1.	3.9	20
62	Steering of a Sub-GeV Electron Beam through Planar Channeling Enhanced by Rechanneling. Physical Review Letters, 2014, 112, 135503.	7.8	77
63	Silicon photomultiplier characterization with a scintillating bar detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 750, 38-42.	1.6	1
64	LYSO crystal calorimeter readout with silicon photomultipliers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 248-254.	1.6	7
65	Experimental investigation of ~ 130 keV kinetic energy antiprotons annihilation on nuclei. Hyperfine Interactions, 2014, 229, 31-36.	0.5	1
66	Single and Multiple Volume Reflections of Ultra-Relativistic Electrons in a Bent Crystal as Tools for Intense Production of Electromagnetic Radiation. Journal of Physics: Conference Series, 2014, 517, 012043.	0.4	5
67	Dysprosium detector for neutron dosimetry in external beam radiotherapy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 759, 92-98.	1.6	2
68	Characterization of a DAQ system for the readout of a SiPM based shashlik calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 422-430.	1.6	9
69	Experimental results on antiproton-nuclei annihilation cross section at very low energies. EPJ Web of Conferences, 2014, 66, 09001.	0.3	1
70	Measurement of the dechanneling length for high-energy negative pions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 70-73.	4.1	35
71	Recent developments on CMOS MAPS for the SuperB Silicon Vertex Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 283-287.	1.6	5
72	On the radiation accompanying volume reflection. Nuclear Instruments & Methods in Physics Research B, 2013, 309, 135-140.	1.4	23

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73	Broad and Intense Radiation Accompanying Multiple Volume Reflection of Ultrarelativistic Electrons in a Bent Crystal. <i>Physical Review Letters</i> , 2013, 111, 255502.	7.8	36
74	A microstrip silicon telescope for high performance particle tracking. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 729, 527-536.	1.6	17
75	Radiation tests of single photon avalanche diode for space applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 711, 65-72.	1.6	17
76	A SiPM based readout system for lead tungstate crystals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 732, 380-383.	1.6	3
77	Experimental apparatus for annihilation cross-section measurements of low energy antiprotons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 711, 12-20.	1.6	25
78	Advances in the development of pixel detector for the SuperB Silicon Vertex Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 731, 25-30.	1.6	1
79	http://www.elsevier.com/xml/xocs/dtd http://www.w3.org/2001/XMLSchema-instance http://www.w3.org/2001/XMLSchema http://www.elsevier.com/xml/ja/dtd http://www.elsevier.com/xml/ja/dtd http://www.w3.org/1998/Math/MathML http://www.elsevier.com/xml/common/table/dtd http://www.elsevier.com/xml/common/struct-bib/dtd http://www.elsevier.com	1.6	1
80	The front-end chip of the SuperB SVT detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 180-183.	1.6	3
81	Latest results of the R&D on CMOS MAPS for the Layer0 of the SuperB SVT. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 732, 484-487.	1.6	1
82	Beam test results for the SuperB-SVT thin striplet detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 718, 314-317.	1.6	1
83	Planar channeling steering of an ultrarelativistic proton beam through a bent germanium crystal. <i>AIP Conference Proceedings</i> , 2013, . .	0.4	3
84	Coherent Effects of High-Energy Particles in a GradedSi1 [~] xGexCrystal. <i>Physical Review Letters</i> , 2013, 110, 175502.	7.8	17
85	Highly bent (110) Ge crystals for efficient steering of ultrarelativistic beams. <i>Journal of Applied Physics</i> , 2013, 114, 154902.	2.5	8
86	An updated list of AGILE bright X-ray sources and their variability in pointing mode. <i>Astronomy and Astrophysics</i> , 2013, 558, A137.	5.1	13
87	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. <i>Astronomy and Astrophysics</i> , 2013, 558, A37.	5.1	14
88	Scintillating fibers readout by Single Photon Avalanche Diodes (SPAD) for space applications. <i>Proceedings of SPIE</i> , 2012, . .	0.8	1
89	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. <i>Proceedings of SPIE</i> , 2012, . .	0.8	1
90	AGILE detection of Cygnus X-3 X-ray active states during the period mid-2009/mid-2010. <i>Astronomy and Astrophysics</i> , 2012, 538, A63.	5.1	29

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91	A topologically connected multistrip crystal for efficient steering of high-energy beam. Journal of Instrumentation, 2012, 7, P04002-P04002.	1.2	4
92	The characterization of the distant blazar GB6 J1239+0443 from flaring and low activity periods. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2015-2026.	4.4	10
93	In-flight antiproton annihilation on nuclei at low energies. Hyperfine Interactions, 2012, 213, 31-39.	0.5	4
94	First experimental detection of antiproton in-flight annihilation on nuclei at ≈ 130 keV. European Physical Journal Plus, 2012, 127, 1.	2.6	26
95	Silicon photomultipliers for scintillating trackers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 695, 261-264.	1.6	0
96	On-ground calibration of AGILE-GRID with a photon beam: results and lessons for the future. Proceedings of SPIE, 2012, , .	0.8	0
97	Upper limits on the high-energy emission from gamma-ray bursts observed by AGILE-GRID. Astronomy and Astrophysics, 2012, 547, A95.	5.1	10
98	Characterization of a tagged γ beam line at the DAΦNE Test Facility. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 695, 261-264.	1.6	8
99	Radiation emission phenomena in bent silicon crystals: Theoretical and experimental studies with 120GeV/c positrons. Nuclear Instruments & Methods in Physics Research B, 2012, 283, 84-92.	1.4	23
100	1409 poster TOWARDS A HOSPITAL-BASED BNCT WITH A STANDARD RADIO-THERAPIC LINAC. Radiotherapy and Oncology, 2011, 99, S524.	0.6	0
101	High spatial resolution correlation of AGILE TGFs and global lightning activity above the equatorial belt. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	32
102	Discovery of Powerful Gamma-Ray Flares from the Crab Nebula. Science, 2011, 331, 736-739.	12.6	290
103	Silicon Photomultipliers as a Readout System for a Scintillator-Lead Shashlik Calorimeter. IEEE Transactions on Nuclear Science, 2011, 58, 1297-1307.	2.0	10
104	Study of the γ -ray source 1AGL J2022+4032 in the Cygnus region. Astronomy and Astrophysics, 2011, 525, A33.	5.1	14
105	The AGILE observations of the hard and bright GRB 100724B. Astronomy and Astrophysics, 2011, 535, A120.	5.1	18
106	Observation of multiple volume reflection by different planes in one bent silicon crystal for high-energy negative particles. Europhysics Letters, 2011, 93, 56002.	2.0	19
107	AGILE detection of extreme γ -ray activity from the blazar PKS 1510-089 during March 2009. Astronomy and Astrophysics, 2011, 529, A145.	5.1	62
108	The observation of GRBs with AGILE and the interesting cases of GRB 090618 and GRB 100724B. , 2011, , .		0

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109	The MARE project: a new ^{187}Re neutrino mass experiment with sub eV sensitivity. Nuclear Physics, Section B, Proceedings Supplements, 2011, 221, 394.	0.4	1
110	Measurement of the antiproton-nucleus annihilation cross section at 5.3 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 461-466.	4.1	43
111	Terrestrial Gamma-Ray Flashes as Powerful Particle Accelerators. Physical Review Letters, 2011, 106, 018501.	7.8	156
112	The observation of gamma ray bursts and terrestrial gamma-ray flashes with AGILE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 155-158.	1.6	2
113	First results about on-ground calibration of the silicon tracker for the AGILE satellite. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 251-257.	1.6	13
114	Tests of the MICE Electron Muon Ranger frontend electronics with a small scale prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 646, 108-117.	1.6	4
115	Galactic sources science with AGILE: The case of the Carina Region. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 193-197.	1.6	1
116	The flaring blazars of the first 1.5 years of the AGILE mission. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 198-201.	1.6	0
117	Preliminary results on TeV sources search with AGILE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 630, 202-205.	1.6	2
118	Volume reflection observations in bent crystals with 13GeV/c particles. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 612-621.	1.4	8
119	A shashlik calorimeter readout with silicon photomultipliers with no amplification of the output signal. Journal of Instrumentation, 2011, 6, P10004-P10004.	1.2	4
120	A SiPM based readout system for shashlik calorimeters: Status and perspectives. , 2011, , .		0
121	Single Photon Avalanche Diodes for space applications. , 2011, , .		5
122	Steering of an ultrarelativistic proton beam by a bent germanium crystal. Applied Physics Letters, 2011, 98, 234102.	3.3	13
123	In-flight antiproton annihilation on nuclei at low energies. , 2011, , 251-259.		0
124	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. III. EIGHTEEN MONTHS OF AGILE MONITORING OF THE "CRAZY DIAMOND". Astrophysical Journal, 2010, 712, 405-420.	4.5	88
125	AGILE OBSERVATIONS OF THE "SOFT" GAMMA-RAY PULSAR PSR B1509 " 58. Astrophysical Journal, 2010, 723, 707-712.	4.5	19
126	THE 2009 DECEMBER GAMMA-RAY FLARE OF 3C 454.3: THE MULTIFREQUENCY CAMPAIGN. Astrophysical Journal Letters, 2010, 716, L170-L175.	8.3	52

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127	A near beam silicon microstrip tracking system to test the crystal based collimation. , 2010, , .		0
128	<i>AGILE</i> DETECTION OF DELAYED GAMMA-RAY EMISSION FROM THE SHORT GAMMA-RAY BURST GRB 090510. Astrophysical Journal Letters, 2010, 708, L84-L88.	8.3	70
129	EPISODIC TRANSIENT GAMMA-RAY EMISSION FROM THE MICROQUASAR CYGNUS X-1. Astrophysical Journal Letters, 2010, 712, L10-L15.	8.3	62
130	THE EXTRAORDINARY GAMMA-RAY FLARE OF THE BLAZAR 3C 454.3. Astrophysical Journal, 2010, 718, 455-459.	4.5	40
131	CRYSTAL COLLIMATION STUDIES AT THE TEVATRON (T-980). , 2010, , .		1
132	TEMPORAL PROPERTIES OF GX 301 α 2 OVER A YEAR-LONG OBSERVATION WITH SuperAGILE. Astrophysical Journal, 2010, 708, 1663-1673.	4.5	13
133	Multiple volume reflections of high-energy protons in a sequence of bent silicon crystals assisted by volume capture. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 284-288.	4.1	20
134	First results on the SPS beam collimation with bent crystals. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 78-82.	4.1	101
135	Deflection of high-energy negative particles in a bent crystal through axial channeling and multiple volume reflection stimulated by doughnut scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 545-550.	4.1	22
136	The high performance microstrip silicon detector tracking system for an innovative crystal based collimation experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 439-443.	1.6	0
137	The AGILE silicon tracker: Pre-launch and in-flight configuration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 614, 213-226.	1.6	23
138	Probability of inelastic nuclear interactions of high-energy protons in a bent crystal. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 2655-2659.	1.4	29
139	A year-long AGILE observation of Cygnus X-1 in hard spectral state. Astronomy and Astrophysics, 2010, 520, A67.	5.1	5
140	AGILE detection of GeV γ -ray emission from the SNR W28. Astronomy and Astrophysics, 2010, 516, L11.	5.1	76
141	Monitoring the hard X-ray sky with SuperAGILE. Astronomy and Astrophysics, 2010, 510, A9.	5.1	11
142	Detection of Gamma-Ray Emission from the Vela Pulsar Wind Nebula with AGILE. Science, 2010, 327, 663-665.	12.6	33
143	Gamma-Ray Localization of Terrestrial Gamma-Ray Flashes. Physical Review Letters, 2010, 105, 128501.	7.8	36
144	Photoproduction of electron-positron pairs in bent single crystals. Physical Review Special Topics: Accelerators and Beams, 2010, 13, .	1.8	2

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145	CRYSTAL COLLIMATION STUDIES AT THE TEVATRON (T-980). International Journal of Modern Physics A, 2010, 25, 98-105.	1.5	28
146	DIRECT EVIDENCE FOR HADRONIC COSMIC-RAY ACCELERATION IN THE SUPERNOVA REMNANT IC 443. Astrophysical Journal Letters, 2010, 710, L151-L155.	8.3	106
147	Detection of terrestrial gamma ray flashes up to 40 MeV by the AGILE satellite. Journal of Geophysical Research, 2010, 115, .	3.3	179
148	Frontend and readout electronics of the MICE Electron Muon Ranger detector. , 2010, , .		0
149	AGILE detection of intense γ -ray activity from the blazar PKS0537441 in October 2008. Astronomy and Astrophysics, 2010, 522, A109.	5.1	7
150	A scintillating bar tracking detector for the ASACUSA - "trap group" experiment at the CERN AD. , 2010, , .		0
151	Performance of the readout electronics chain of the MICE Electron Muon Ranger. , 2010, , .		1
152	Silicon photomultipliers in calorimetric applications. , 2010, , .		0
153	A NEW METHOD TO MEASURE 10B UPTAKE IN LUNG ADENOCARCINOMA IN HOSPITAL BNCT. , 2010, , .		0
154	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. II. THE AGILE 2007 DECEMBER CAMPAIGN. Astrophysical Journal, 2009, 707, 1115-1123.	4.5	42
155	DISCOVERY OF NEW GAMMA-RAY PULSARS WITH AGILE. Astrophysical Journal, 2009, 695, L115-L119.	4.5	49
156	DETECTION OF GAMMA-RAY EMISSION FROM THE ETA-CARINAE REGION. Astrophysical Journal, 2009, 698, L142-L146.	4.5	86
157	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. I. THE AGILE 2007 NOVEMBER CAMPAIGN ON THE "CRAZY DIAMOND". Astrophysical Journal, 2009, 690, 1018-1030.	4.5	66
158	First AGILE catalog of high-confidence gamma-ray sources. Astronomy and Astrophysics, 2009, 506, 1563-1574.	5.1	91
159	AGILE observation of a gamma-ray flare from the blazar 3C 279. Astronomy and Astrophysics, 2009, 494, 509-513.	5.1	17
160	HIGH-RESOLUTION TIMING OBSERVATIONS OF SPIN-POWERED PULSARS WITH THE AGILE GAMMA-RAY TELESCOPE. Astrophysical Journal, 2009, 691, 1618-1633.	4.5	43
161	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. Astrophysical Journal, 2009, 707, 612-620.	4.5	71
162	The AGILE Mission. Astronomy and Astrophysics, 2009, 502, 995-1013.	5.1	288

#	ARTICLE	IF	CITATIONS
163	Observation of Multiple Volume Reflection of Ultrarelativistic Protons by a Sequence of Several Bent Silicon Crystals. <i>Physical Review Letters</i> , 2009, 102, 084801.	7.8	37
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