

Michela Prest

List of Publications by Year in descending order

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339
papers

8,709
citations

57758

44
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54911

84
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342
all docs

342
docs citations

342
times ranked

7411
citing authors

#	ARTICLE	IF	CITATIONS
1	The BABAR detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 479, 1-116.	1.6	1,216
2	Performance of the DELPHI detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 378, 57-100.	1.6	294
3	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	3.9	292
4	Discovery of Powerful Gamma-Ray Flares from the Crab Nebula. Science, 2011, 331, 736-739.	12.6	290
5	The AGILE Mission. Astronomy and Astrophysics, 2009, 502, 995-1013.	5.1	288
6	Mammography with Synchrotron Radiation: Phase-Detection Techniques. Radiology, 2000, 215, 286-293.	7.3	265
7	Low-dose phase contrast x-ray medical imaging. Physics in Medicine and Biology, 1998, 43, 2845-2852.	3.0	224
8	An innovative digital imaging set-up allowing a low-dose approach to phase contrast applications in the medical field. Medical Physics, 2001, 28, 1610-1619.	3.0	190
9	Detection of terrestrial gamma ray flashes up to 40 MeV by the AGILE satellite. Journal of Geophysical Research, 2010, 115, .	3.3	179
10	Extreme particle acceleration in the microquasar Cygnus X-3. Nature, 2009, 462, 620-623.	27.8	160
11	Terrestrial Gamma-Ray Flashes as Powerful Particle Accelerators. Physical Review Letters, 2011, 106, 018501.	7.8	156
12	The AGILE silicon tracker: an innovative γ -ray instrument for space. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 501, 280-287.	1.6	136
13	High-Efficiency Volume Reflection of an Ultrarelativistic Proton Beam with a Bent Silicon Crystal. Physical Review Letters, 2007, 98, 154801.	7.8	123
14	DIRECT EVIDENCE FOR HADRONIC COSMIC-RAY ACCELERATION IN THE SUPERNOVA REMNANT IC 443. Astrophysical Journal Letters, 2010, 710, L151-L155.	8.3	106
15	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
16	The AGILE space mission. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 52-62.	1.6	93
17	First AGILE catalog of high-confidence gamma-ray sources. Astronomy and Astrophysics, 2009, 506, 1563-1574.	5.1	91
18	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

#	ARTICLE	IF	CITATIONS
19	DETECTION OF GAMMA-RAY EMISSION FROM THE ETA-CARINAE REGION. <i>Astrophysical Journal</i> , 2009, 698, L142-L146.	4.5	86
20	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. <i>Astrophysical Journal</i> , 2009, 691, L13-L19.	4.5	86
21	The AGILE silicon tracker: testbeam results of the prototype silicon detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 490, 146-158.	1.6	80
22	Steering of a Sub-GeV Electron Beam through Planar Channeling Enhanced by Rechanneling. <i>Physical Review Letters</i> , 2014, 112, 135503.	7.8	77
23	Observation of orbitally excited B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 345, 598-608.	4.1	76
24	AGILE detection of GeV γ -ray emission from the SNR W28. <i>Astronomy and Astrophysics</i> , 2010, 516, L11.	5.1	76
25	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. <i>Astrophysical Journal</i> , 2009, 707, 612-620.	4.5	71
26	AGILE DETECTION OF DELAYED GAMMA-RAY EMISSION FROM THE SHORT GAMMA-RAY BURST GRB 090510. <i>Astrophysical Journal Letters</i> , 2010, 708, L84-L88.	8.3	70
27	AGILE Detection of a Strong Gamma-Ray Flare from the Blazar 3C 454.3. <i>Astrophysical Journal</i> , 2008, 676, L13-L16.	4.5	69
28	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. I. THE AGILE 2007 NOVEMBER CAMPAIGN ON THE CRAZY DIAMOND. <i>Astrophysical Journal</i> , 2009, 690, 1018-1030.	4.5	66
29	Improved measurements of cross sections and asymmetries at the Z0 resonance. <i>Nuclear Physics B</i> , 1994, 418, 403-427.	2.5	64
30	EPISODIC TRANSIENT GAMMA-RAY EMISSION FROM THE MICROQUASAR CYGNUS X-1. <i>Astrophysical Journal Letters</i> , 2010, 712, L10-L15.	8.3	62
31	AGILE detection of extreme γ -ray activity from the blazar PKS 1510-089 during March 2009. <i>Astronomy and Astrophysics</i> , 2011, 529, A145.	5.1	62
32	Volume Reflection Dependence of 400% GeV γ -ray on the Bent Crystal Curvature. <i>Physical Review Letters</i> , 2008, 101, 234801.	7.8	57
33	AGILE detection of delayed gamma-ray emission from GRB 080514B. <i>Astronomy and Astrophysics</i> , 2008, 491, L25-L28.	5.1	53
34	THE 2009 DECEMBER GAMMA-RAY FLARE OF 3C 454.3: THE MULTIFREQUENCY CAMPAIGN. <i>Astrophysical Journal Letters</i> , 2010, 716, L170-L175.	8.3	52
35	Measurement of Branching Fractions and Search for CP-Violating Charge Asymmetries in Charmless Two-Body B Decays into Pions and Kaons. <i>Physical Review Letters</i> , 2001, 87, 151802.	7.8	51
36	Mammography of a phantom and breast tissue with synchrotron radiation and a linear-array silicon detector.. <i>Radiology</i> , 1998, 208, 709-715.	7.3	50

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37	Deflection of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mn} \rangle 400 \langle / \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{\alpha} \langle / \text{mml:mtext} \rangle \langle \text{mml:mtext} \rangle \hat{\alpha} \langle / \text{mml:mtext} \rangle \langle \text{mml:mi} \rangle \text{GeV} \langle / \text{mml:mi} \rangle$ beam with bent silicon crystals at the CERN Super Proton Synchrotron. Physical Review Special Topics: Accelerators and Beams, 2008, 11, .	1.8	50
38	Experimental study of the radiation emitted by $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 180 \langle / \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{\alpha} \langle / \text{mml:mtext} \rangle \langle \text{mml:mi} \rangle \text{GeV} \langle / \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\alpha} \langle / \text{mml:mo} \rangle$ and positrons volume-reflected in a bent crystal. Physical Review A, 2009, 79, .	2.5	50
39	DISCOVERY OF NEW GAMMA-RAY PULSARS WITH <i>AGILE</i> . Astrophysical Journal, 2009, 695, L115-L119.	4.5	49
40	Inclusive measurements of the production in hadronic Z0 decays. Nuclear Physics B, 1995, 444, 3-26.	2.5	47
41	Observation of channeling and volume reflection in bent crystals for high-energy negative particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 233-236.	4.1	47
42	Investigation of the Electromagnetic Radiation Emitted by Sub-GeV Electrons in a Bent Crystal. Physical Review Letters, 2015, 115, 025504.	7.8	46
43	High-Efficiency Deflection of High-Energy Protons through Axial Channeling in a Bent Crystal. Physical Review Letters, 2008, 101, 164801.	7.8	45
44	Observation of nuclear dechanneling for high-energy protons in crystals. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 129-132.	4.1	45
45	HIGH-RESOLUTION TIMING OBSERVATIONS OF SPIN-POWERED PULSARS WITH THE <i>AGILE</i> GAMMA-RAY TELESCOPE. Astrophysical Journal, 2009, 691, 1618-1633.	4.5	43
46	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
47	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. II. THE <i>AGILE</i> 2007 DECEMBER CAMPAIGN. Astrophysical Journal, 2009, 707, 1115-1123.	4.5	42
48	AGILE detection of a rapid $\hat{\gamma}$ -ray flare from the blazar PKS 1510-089 during the GASP-WEBT monitoring. Astronomy and Astrophysics, 2009, 508, 181-189.	5.1	41
49	THE EXTRAORDINARY GAMMA-RAY FLARE OF THE BLAZAR 3C 454.3. Astrophysical Journal, 2010, 718, 455-459.	4.5	40
50	Production of charged particles, K_S^0 , K^{\pm} , p and \hat{b} in events and in the decay of b hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 347, 447-466.	4.1	38
51	Design and evaluation of AC-coupled, FOXFET-biased, edge-on silicon strip detectors for X-ray imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 385, 311-320.	1.6	37
52	Observation of Multiple Volume Reflection of Ultrarelativistic Protons by a Sequence of Several Bent Silicon Crystals. Physical Review Letters, 2009, 102, 084801.	7.8	37
53	The microcalorimeter arrays for a rhenium experiment (MARE): A next-generation calorimetric neutrino mass experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 559, 346-348.	1.6	36
54	Gamma-Ray Localization of Terrestrial Gamma-Ray Flashes. Physical Review Letters, 2010, 105, 128501.	7.8	36

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55	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
56	Measurement of the dechanneling length for high-energy negative pions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 70-73.	4.1	35
57	AGILE detection of variable γ -ray activity from the blazar S5 0716+714 in September–October 2007. <i>Astronomy and Astrophysics</i> , 2008, 489, L37-L40.	5.1	33
58	Detection of Gamma-Ray Emission from the Vela Pulsar Wind Nebula with AGILE. <i>Science</i> , 2010, 327, 663-665.	12.6	33
59	High spatial resolution correlation of AGILE TGFs and global lightning activity above the equatorial belt. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	32
60	Measurement of the $e^+e^- \rightarrow \mu^+\mu^- (\gamma)$ cross section at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 327, 386-396.	4.1	30
61	Probability of inelastic nuclear interactions of high-energy protons in a bent crystal. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 2655-2659.	1.4	29
62	AGILE detection of Cygnus X-3 γ -ray active states during the period mid-2009/mid-2010. <i>Astronomy and Astrophysics</i> , 2012, 538, A63.	5.1	29
63	J/ψ production in the hadronic decays of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 341, 109-122.	4.1	28
64	Search for the standard model Higgs boson in Z0 decays. <i>Nuclear Physics B</i> , 1994, 421, 3-37.	2.5	28
65	Observation of short range three-particle correlations in e^+e^- annihilations at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 355, 415-424.	4.1	28
66	CRYSTAL COLLIMATION STUDIES AT THE TEVATRON (T-980). <i>International Journal of Modern Physics A</i> , 2010, 25, 98-105.	1.5	28
67	MARE, Microcalorimeter Arrays for a Rhenium Experiment: A detector overview. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 572, 208-210.	1.6	27
68	High-efficiency deflection of high-energy negative particles through axial channeling in a bent crystal. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 680, 301-304.	4.1	27
69	Study of rare b decays with the DELPHI detector at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996, 72, 207-220.	1.5	26
70	Search for exclusive decays of the Λ_b baryon and measurement of its mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 374, 351-361.	4.1	26
71	Experimental evaluation of a simple algorithm to enhance the spatial resolution in scanned radiographic systems. <i>Medical Physics</i> , 2000, 27, 2609-2616.	3.0	26
72	First observation of multiple volume reflection by different planes in one bent silicon crystal for high-energy protons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 682, 274-277.	4.1	26

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73	First experimental detection of antiproton in-flight annihilation on nuclei at ≈ 130 keV. European Physical Journal Plus, 2012, 127, 1.	2.6	26
74	Steering of Sub-GeV electrons by ultrashort Si and Ge bent crystals. European Physical Journal C, 2017, 77, 1.	3.9	26
75	A real time scintillating fiber dosimeter for gamma and neutron monitoring on radiotherapy accelerators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 228-230.	1.6	25
76	Double volume reflection of a proton beam by a sequence of two bent crystals. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 658, 109-111.	4.1	25
77	Experimental apparatus for annihilation cross-section measurements of low energy antiprotons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 711, 12-20.	1.6	25
78	Measurements of the lineshape of the Z0 and determination of electroweak parameters from its hadronic and leptonic decays. Nuclear Physics B, 1994, 417, 3-57.	2.5	24
79	Gamma-ray burst detection with the AGILE mini-calorimeter. Astronomy and Astrophysics, 2008, 490, 1151-1156.	5.1	24
80	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
81	Shashlik Calorimeters With Embedded SiPMs for Longitudinal Segmentation. IEEE Transactions on Nuclear Science, 2017, 64, 1056-1061.	2.0	24
82	Castor 1.0, a VLSI analog-digital circuit for pixel imaging applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 395, 435-442.	1.6	23
83	Apparatus to study crystal channeling and volume reflection phenomena at the SPS H8 beamline. Review of Scientific Instruments, 2008, 79, 023303.	1.3	23
84	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
85	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
86	On the radiation accompanying volume reflection. Nuclear Instruments & Methods in Physics Research B, 2013, 309, 135-140.	1.4	23
87	Experimental evidence of planar channeling in a periodically bent crystal. European Physical Journal C, 2014, 74, 1.	3.9	23
88	An "edge-on" silicon strip detector for X-ray imaging. IEEE Transactions on Nuclear Science, 1997, 44, 874-880.	2.0	22
89	The small angle tile calorimeter in the DELPHI experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 425, 106-139.	1.6	22
90	AGILE detection of intense gamma-ray emission from the blazar PKS 1510-089. Astronomy and Astrophysics, 2008, 491, L21-L24.	5.1	22

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91	Deflection of high-energy negative particles in a bent crystal through axial channeling and multiple volume reflection stimulated by doughnut scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 693, 545-550.	4.1	22
92	Measurement of the antiproton- α nucleus annihilation cross-section at low energy. <i>Nuclear Physics A</i> , 2018, 970, 366-378.	1.5	22
93	New developments in the field of silicon detectors for digital radiology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 377, 508-513.	1.6	21
94	At the frontiers of digital mammography: SYRMEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 409, 529-533.	1.6	21
95	The next generation of high-energy gamma-ray detectors for satellites: The AGILE silicon tracker. <i>AIP Conference Proceedings</i> , 2001, , .	0.4	21
96	Multiple volume reflections of high-energy protons in a sequence of bent silicon crystals assisted by volume capture. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 688, 284-288.	4.1	20
97	Steering efficiency of a ultrarelativistic proton beam in a thin bent crystal. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	20
98	Strong Reduction of the Effective Radiation Length in an Axially Oriented Scintillator Crystal. <i>Physical Review Letters</i> , 2018, 121, 021603.	7.8	20
99	PhoNeS: A novel approach to BNCT with conventional radiotherapy accelerators. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 572, 231-232.	1.6	19
100	<i>AGILE</i> OBSERVATIONS OF THE α -SOFT γ -RAY PULSAR PSR B1509 -58. <i>Astrophysical Journal</i> , 2010, 723, 707-712.	4.5	19
101	Observation of multiple volume reflection by different planes in one bent silicon crystal for high-energy negative particles. <i>Europhysics Letters</i> , 2011, 93, 56002.	2.0	19
102	A linear array silicon pixel detector: images of a mammographic test object and evaluation of delivered doses. <i>Physics in Medicine and Biology</i> , 1997, 42, 1565-1573.	3.0	18
103	The AGILE instrument. , 2003, 4851, 1151.		18
104	The AGILE observations of the hard and bright GRB A100724B. <i>Astronomy and Astrophysics</i> , 2011, 535, A120.	5.1	18
105	A scintillating fiber dosimeter for radiotherapy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 581, 80-83.	1.6	17
106	AGILE observation of a gamma-ray flare from the blazar 3C 279. <i>Astronomy and Astrophysics</i> , 2009, 494, 509-513.	5.1	17
107	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
108	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

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109	Coherent Effects of High-Energy Particles in a GradedSi \times GexCrystal. Physical Review Letters, 2013, 110, 175502.	7.8	17
110	Irradiation and performance of RGB-HD Silicon Photomultipliers for calorimetric applications. Journal of Instrumentation, 2019, 14, P02029-P02029.	1.2	17
111	High energy variability of 3C 273 during the AGILE multiwavelength campaign of December 2007–January 2008. Astronomy and Astrophysics, 2009, 494, 49-61.	5.1	17
112	A precise measurement of the tau lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 448-460.	4.1	16
113	Search for the lightest chargino at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 382, 323-336.	4.1	16
114	The AGILE mission and its scientific instrument. , 2006, 6266, 12.		16
115	Scintillating bar detector for antiproton annihilations measurements. Hyperfine Interactions, 2015, 233, 53-58.	0.5	16
116	Progress towards the first measurement of charm baryon dipole moments. Physical Review D, 2021, 103, .	4.7	16
117	Charged kaon production in tau decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 334, 435-449.	4.1	15
118	Testbeam performance of a shashlik calorimeter with fine-grained longitudinal segmentation. Journal of Instrumentation, 2018, 13, P01028-P01028.	1.2	15
119	A measurement of the Bs0 meson mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 324, 500-508.	4.1	14
120	A multilayer edge-on silicon microstrip single photon counting detector for momography mammography. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 592-597.	0.4	14
121	Study of the γ -ray source 1AGL J2022+4032 in the Cygnus region. Astronomy and Astrophysics, 2011, 525, A33.	5.1	14
122	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. Astronomy and Astrophysics, 2013, 558, A37.	5.1	14
123	Experimental evidence of independence of nuclear de-channeling length on the particle charge sign. European Physical Journal C, 2017, 77, 1.	3.9	14
124	Interference of neutral kaons in the hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 323, 242-252.	4.1	13
125	Measurement of time dependent mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 338, 409-420.	4.1	13
126	Measurement of $\rho^{++}(1232)$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 207-220.	4.1	13

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127	TEMPORAL PROPERTIES OF GX 301 α^2 OVER A YEAR-LONG OBSERVATION WITH SuperAGILE. <i>Astrophysical Journal</i> , 2010, 708, 1663-1673.	4.5	13
128	First results about on-ground calibration of the silicon tracker for the AGILE satellite. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 630, 251-257.	1.6	13
129	Steering of an ultrarelativistic proton beam by a bent germanium crystal. <i>Applied Physics Letters</i> , 2011, 98, 234102.	3.3	13
130	An updated list of AGILE bright γ -ray sources and their variability in pointing mode. <i>Astronomy and Astrophysics</i> , 2013, 558, A137.	5.1	13
131	Relaxation of axially confined 400 GeV/c protons to planar channeling in a bent crystal. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	13
132	First evidence of hard scattering processes in single tagged $\beta\beta$ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 342, 402-416.	4.1	12
133	The design and construction of the BaBar silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 447, 15-25.	1.6	12
134	The data handling system for the AGILE satellite. , 0, , .		12
135	Investigation on radiation generated by sub-GeV electrons in ultrashort silicon and germanium bent crystals. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	12
136	Limits on antiproton-nuclei annihilation cross sections at ~ 125 keV. <i>Nuclear Physics A</i> , 2021, 1009, 122170.	1.5	12
137	GRB 070724B: the first gamma ray burst localized by SuperAGILE and its Swift X-ray afterglow. <i>Astronomy and Astrophysics</i> , 2008, 478, L5-L9.	5.1	12
138	Digital mammography at the Trieste synchrotron light source. <i>IEEE Transactions on Nuclear Science</i> , 1996, 43, 2061-2067.	2.0	11
139	FROST: a low-noise high-rate photon counting ASIC for X-ray applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 461, 435-439.	1.6	11
140	The GLAST tracker design and construction. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002, 113, 303-309.	0.4	11
141	FROST: an ASIC for digital mammography with synchrotron radiation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 510, 51-56.	1.6	11
142	Monitoring the hard X-ray sky with SuperAGILE. <i>Astronomy and Astrophysics</i> , 2010, 510, A9.	5.1	11
143	Polysiloxane-based scintillators for shashlik calorimeters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 956, 163379.	1.6	11
144	Measurement of the mixing using the average electric charge of hadron-jets in ZO-decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 322, 459-472.	4.1	10

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145	Measurement of the mixing parameter in DELPHI. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 488-500.	4.1	10
146	A measurement of the \tilde{I}_τ , leptonic branching fractions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 715-724.	4.1	10
147	The DELPHI small angle tile calorimeter. IEEE Transactions on Nuclear Science, 1995, 42, 478-484.	2.0	10
148	Measurement of the antiproton-nucleus annihilation cross-section at very low energies. Hyperfine Interactions, 2009, 194, 305-311.	0.5	10
149	Silicon Photomultipliers as a Readout System for a Scintillator-Lead Shashlik Calorimeter. IEEE Transactions on Nuclear Science, 2011, 58, 1297-1307.	2.0	10
150	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
151	Upper limits on the high-energy emission from gamma-ray bursts observed by AGILE-GRID. Astronomy and Astrophysics, 2012, 547, A95.	5.1	10
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