

Enrico Costa

List of Publications by Year in descending order

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Version: 2024-02-01

361
papers

15,863
citations

22153

59
h-index

19190

118
g-index

362
all docs

362
docs citations

362
times ranked

6565
citing authors

#	ARTICLE	IF	CITATIONS
1	The IXPE instrument calibration equipment. <i>Astroparticle Physics</i> , 2022, 136, 102658.	4.3	16
2	A Significant Detection of X-ray Polarization in Sco X-1 with PolarLight and Constraints on the Corona Geometry. <i>Astrophysical Journal Letters</i> , 2022, 924, L13.	8.3	34
3	An Algorithm to Calibrate and Correct the Response to Unpolarized Radiation of the X-Ray Polarimeter Onboard IXPE. <i>Astronomical Journal</i> , 2022, 163, 39.	4.7	34
4	A Weighted Analysis to Improve the X-Ray Polarization Sensitivity of the Imaging X-ray Polarimetry Explorer. <i>Astronomical Journal</i> , 2022, 163, 170.	4.7	38
5	AGILE Observations of GRB 220101A: A "New Year's Burst" with an Exceptionally Huge Energy Release. <i>Astrophysical Journal</i> , 2022, 933, 214.	4.5	4
6	In-orbit operation and performance of the CubeSat Soft X-ray polarimeter PolarLight. <i>Advances in Space Research</i> , 2021, 67, 708-714.	2.6	9
7	Outcomes of the IXPE instrument calibration. , 2021, , .		4
8	IXPE DU-FM ions-UV filters characterization. , 2021, , .		4
9	An X-ray burst from a magnetar enlightening the mechanism of fast radio bursts. <i>Nature Astronomy</i> , 2021, 5, 401-407.	10.1	104
10	A study of background for IXPE. <i>Astroparticle Physics</i> , 2021, 128, 102566.	4.3	13
11	Modeling the in-orbit Background of PolarLight. <i>Astrophysical Journal</i> , 2021, 909, 104.	4.5	7
12	X-Ray Polarimetry of the Crab Nebula with PolarLight: Polarization Recovery after the Glitch and a Secular Position Angle Variation. <i>Astrophysical Journal Letters</i> , 2021, 912, L28.	8.3	15
13	AGILE Observations of Fast Radio Bursts. <i>Astrophysical Journal</i> , 2021, 915, 102.	4.5	11
14	GrailQuest: hunting for atoms of space and time hidden in the wrinkle of Space-Time. <i>Experimental Astronomy</i> , 2021, 51, 1255-1297.	3.7	7
15	Design, construction, and test of the Gas Pixel Detectors for the IXPE mission. <i>Astroparticle Physics</i> , 2021, 133, 102628.	4.3	67
16	The Instrument of the Imaging X-Ray Polarimetry Explorer. <i>Astronomical Journal</i> , 2021, 162, 208.	4.7	68
17	Discrimination of background events in the PolarLight X-ray polarimeter. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 233.	1.7	6
18	Re-detection and a possible time variation of soft X-ray polarization from the Crab. <i>Nature Astronomy</i> , 2020, 4, 511-516.	10.1	51

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19	In-flight calibration system of imaging x-ray polarimetry explorer. Journal of Astronomical Telescopes, Instruments, and Systems, 2020, 6, .	1.8	32
20	The Imaging X-ray Polarimetry Explorer (IXPE): technical overview III. , 2020, , .		9
21	AGILE Observations of Two Repeating Fast Radio Bursts with Low Intrinsic Dispersion Measures. Astrophysical Journal Letters, 2020, 890, L32.	8.3	20
22	Gamma-Ray and X-Ray Observations of the Periodic-repeater FRB 180916 during Active Phases. Astrophysical Journal Letters, 2020, 893, L42.	8.3	25
23	Prospects for IXPE and eXTP polarimetric archaeology of the reflection nebulae in the Galactic center. Astronomy and Astrophysics, 2020, 643, A52.	5.1	5
24	AGILE and Konus-Wind Observations of GRB 190114C: The Remarkable Prompt and Early Afterglow Phases. Astrophysical Journal, 2020, 904, 133.	4.5	10
25	PolarLight: a CubeSat X-ray polarimeter based on the gas pixel detector. Experimental Astronomy, 2019, 47, 225-243.	3.7	43
26	The Imaging X-Ray Polarimetry Explorer (IXPE): technical overview II. , 2019, , .		8
27	X-Ray Polarimetry (Instrument/Techniques/Calibration). Astrophysics and Space Science Library, 2019, , 67-108.	2.7	0
28	Correlation methods for the analysis of X-ray polarimetric signals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 885, 7-14.	1.6	3
29	Photoelectric Polarimetry and the Gas Pixel Detector Yesterday, Today and Tomorrow. Galaxies, 2018, 6, 71.	3.0	2
30	The Imaging X-ray Polarimetry Explorer (IXPE): technical overview. , 2018, , .		13
31	AGILE Observations of the Gravitational-wave Source GW170104. Astrophysical Journal Letters, 2017, 847, L20.	8.3	25
32	AGILE Observations of the Gravitational-wave Source GW170817: Constraining Gamma-Ray Emission from an NS-NS Coalescence. Astrophysical Journal Letters, 2017, 850, L27.	8.3	20
33	Silicon photomultipliers as readout elements for a Compton effect polarimeter: the COMPASS project. , 2016, , .		1
34	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
35	The Imaging X-ray Polarimetry Explorer (IXPE). Results in Physics, 2016, 6, 1179-1180.	4.1	57
36	The on-board calibration system of the X-ray Imaging Polarimetry Explorer (XIPE). Proceedings of SPIE, 2016, , .	0.8	0

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37	Performance of the Gas Pixel Detector: an x-ray imaging polarimeter for upcoming missions of astrophysics. Proceedings of SPIE, 2016, , .	0.8	8
38	AGILE OBSERVATIONS OF THE GRAVITATIONAL-WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 825, L4.	8.3	44
39	The Imaging X-ray Polarimetry Explorer (IXPE). Proceedings of SPIE, 2016, , .	0.8	107
40	CHARACTERIZATION OF THE INNER KNOT OF THE CRAB: THE SITE OF THE GAMMA-RAY FLARES?. Astrophysical Journal, 2015, 811, 24.	4.5	30
41	Assembly and test of the gas pixel detector for X-ray polarimetry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 804, 155-162.	1.6	13
42	Perspectives for the high field approach in fusion research and advances within the Ignitor Program. Nuclear Fusion, 2015, 55, 053011.	3.5	12
43	Testing multilayer-coated polarizing mirrors for the LAMP soft X-ray telescope. Proceedings of SPIE, 2015, , .	0.8	1
44	Effect of a magnetic field generated by permanent magnets on the GPD polarization sensitivity. Proceedings of SPIE, 2014, , .	0.8	0
45	THE IMAGING PROPERTIES OF THE GAS PIXEL DETECTOR AS A FOCAL PLANE POLARIMETER. Astrophysical Journal, Supplement Series, 2014, 212, 25.	7.7	27
46	Re-testing the JET-X Flight Module No. 2 at the PANTER facility. Experimental Astronomy, 2014, 37, 37-53.	3.7	5
47	Gamma and X-Radiation. Encyclopedia of Earth Sciences Series, 2014, , 219-228.	0.1	2
48	Photoelectric X-ray Polarimetry with Gas Pixel Detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 720, 173-177.	1.6	26
49	Hot topics of X-ray Astrophysics from past and future missions. Nuclear Physics, Section B, Proceedings Supplements, 2013, 243-244, 141-151.	0.4	1
50	XIPE: the X-ray imaging polarimetry explorer. Experimental Astronomy, 2013, 36, 523-567.	3.7	103
51	VARIABLE GAMMA-RAY EMISSION FROM THE CRAB NEBULA: SHORT FLARES AND LONG "WAVES". Astrophysical Journal, 2013, 765, 52.	4.5	53
52	New developments, plasma physics regimes and issues for the Ignitor experiment. Nuclear Fusion, 2013, 53, 104013.	3.5	22
53	Characterization of scatterers for an active focal plane Compton polarimeter. Astroparticle Physics, 2013, 44, 91-101.	4.3	9
54	Measurement of the position resolution of the Gas Pixel Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 700, 99-105.	1.6	16

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55	INTERPLANETARY NETWORK LOCALIZATIONS OF KONUS SHORT GAMMA-RAY BURSTS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 207, 38.	7.7	23
56	X-ray and Gamma-ray Polarimetry of GRBs. <i>EAS Publications Series</i> , 2013, 61, 601-609.	0.3	0
57	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
58	A small mission featuring an imaging x-ray polarimeter with high sensitivity. <i>Proceedings of SPIE</i> , 2013, , .	0.8	9
59	The gas pixel detector at the focus of an x-ray optics. <i>Proceedings of SPIE</i> , 2013, , .	0.8	6
60	<i>CHANDRA</i> , KECK, AND VLA OBSERVATIONS OF THE CRAB NEBULA DURING THE 2011-APRIL GAMMA-RAY FLARE. <i>Astrophysical Journal</i> , 2013, 765, 56.	4.5	40
61	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. <i>Astronomy and Astrophysics</i> , 2013, 558, A37.	5.1	14
62	INVERSE COMPTON X-RAY EMISSION FROM SUPERNOVAE WITH COMPACT PROGENITORS: APPLICATION TO SN2011fe. <i>Astrophysical Journal</i> , 2012, 751, 134.	4.5	99
63	The background of the gas pixel detector and its impact on imaging X-ray polarimetry. <i>Proceedings of SPIE</i> , 2012, , .	0.8	15
64	A PROPOSED ITALIAN CONTRIBUTION FOR THE MIRAX SCIENTIFIC PAYLOAD. <i>International Journal of Modern Physics Conference Series</i> , 2012, 12, 110-119.	0.7	1
65	X-ray polarimetry towards high energy and solar science. <i>Journal of Physics: Conference Series</i> , 2012, 383, 012013.	0.4	1
66	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
67	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
68	The characterization of the distant blazar GB6 J1239+0443 from flaring and low activity periods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2015-2026.	4.4	10
69	The Large Observatory for X-ray Timing (LOFT). <i>Experimental Astronomy</i> , 2012, 34, 415-444.	3.7	168
70	On-ground calibration of AGILE-GRID with a photon beam: results and lessons for the future. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
71	A commercial graphite sheet to diffract and polarize X-rays. , 2012, , .		0
72	Performance of an Ar-DME imaging photoelectric polarimeter. <i>Proceedings of SPIE</i> , 2012, , .	0.8	9

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73	A new design for the gas pixel detector. , 2012, , .		8
74	Upper limits on the high-energy emission from gamma-ray bursts observed by AGILE-GRID. Astronomy and Astrophysics, 2012, 547, A95.	5.1	10
75	The gas pixel detector as a solar X-ray polarimeter and imager. Advances in Space Research, 2012, 49, 143-149.	2.6	7
76	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, 2011, 630, 251-257.	1.6	8
77	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
78	Discovery of Powerful Gamma-Ray Flares from the Crab Nebula. Science, 2011, 331, 736-739.	12.6	290
79	THE CRAB NEBULA SUPER-FLARE IN 2011 APRIL: EXTREMELY FAST PARTICLE ACCELERATION AND GAMMA-RAY EMISSION. Astrophysical Journal Letters, 2011, 741, L5.	8.3	53
80	Study of the γ -ray source 1AGL J2022+4032 in the Cygnus region. Astronomy and Astrophysics, 2011, 525, A33.	5.1	14
81	The AGILE observations of the hard and bright GRB 100724B. Astronomy and Astrophysics, 2011, 535, A120.	5.1	18
82	NEUTRAL PION EMISSION FROM ACCELERATED PROTONS IN THE SUPERNOVA REMNANT W44. Astrophysical Journal Letters, 2011, 742, L30.	8.3	182
83	THE REMARKABLE γ -RAY ACTIVITY IN THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211. Astrophysical Journal Letters, 2011, 736, L30.	8.3	23
84	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
85	The observation of GRBs with AGILE and the interesting cases of GRB 090618 and GRB 100724B. , 2011, , .		0
86	Puzzling thermonuclear burst behaviour from the transient low-mass X-ray binary IGR J17473-2721. Monthly Notices of the Royal Astronomical Society, 2011, 410, 179-189.	4.4	9
87	Terrestrial Gamma-Ray Flashes as Powerful Particle Accelerators. Physical Review Letters, 2011, 106, 018501.	7.8	156
88	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
89	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
90	Room-temperature spectroscopic performance of a very-large area silicon drift detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 633, 15-21.	1.6	35

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91	Imaging performance of a large-area Silicon Drift Detector for X-ray astronomy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 633, 22-30.	1.6	37
92	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
93	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
94	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
95	Characterization of an ASIC front-end electronics dedicated to the Silicon Drift Detectors. , 2011, , .		0
96	A puzzling $\hat{1}^3$ -ray burst. Nature, 2011, 480, 47-48.	27.8	1
97	Gravity and Extreme Magnetism SMEX (GEMS). , 2010, , 251-259.		15
98	NHXM: a New Hard X-ray imaging and polarimetric Mission. Proceedings of SPIE, 2010, , .	0.8	10
99	Concept for an innovative wide-field camera for x-ray astronomy. Proceedings of SPIE, 2010, , .	0.8	1
100	LOFT: a large observatory for x-ray timing. Proceedings of SPIE, 2010, , .	0.8	9
101	X-ray imaging and spectroscopy performance of a large area silicon drift chamber for wide-field x-ray astronomy applications. Proceedings of SPIE, 2010, , .	0.8	1
102	Rolling and tumbling: status of the SuperAGILE experiment. Proceedings of SPIE, 2010, , .	0.8	0
103	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. III. EIGHTEEN MONTHS OF AGILE MONITORING OF THE \hat{a} €œCRAZY DIAMOND \hat{a} €• Astrophysical Journal, 2010, 712, 405-420.	4.5	88
104	<i>AGILE</i> OBSERVATIONS OF THE \hat{a} €œSOFT \hat{a} €• GAMMA-RAY PULSAR PSR B1509 \hat{a} €œ“ 58. Astrophysical Journal, 2010, 723, 707-712.	4.5	19
105	THE 2009 DECEMBER GAMMA-RAY FLARE OF 3C 454.3: THE MULTIFREQUENCY CAMPAIGN. Astrophysical Journal Letters, 2010, 716, L170-L175.	8.3	52
106	<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
107	A set of x-ray polarimeters for the New Hard X-ray Imaging and Polarimetric Mission. Proceedings of SPIE, 2010, , .	0.8	15
108	The NHXM spectral-imaging cameras. Proceedings of SPIE, 2010, , .	0.8	2

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109	The high-energy detector of the New Hard X-ray Mission (NHXM): design concept. Proceedings of SPIE, 2010, , .	0.8	2
110	EPISODIC TRANSIENT GAMMA-RAY EMISSION FROM THE MICROQUASAR CYGNUS X-1. Astrophysical Journal Letters, 2010, 712, L10-L15.	8.3	62
111	THE EXTRAORDINARY GAMMA-RAY FLARE OF THE BLAZAR 3C 454.3. Astrophysical Journal, 2010, 718, 455-459.	4.5	40
112	TEMPORAL PROPERTIES OF GX 301a~2 OVER A YEAR-LONG OBSERVATION WITH SuperAGILE. Astrophysical Journal, 2010, 708, 1663-1673.	4.5	13
113	POLARIX: a pathfinder mission of X-ray polarimetry. Experimental Astronomy, 2010, 28, 137-183.	3.7	23
114	Spectral and polarimetric characterization of the Gas Pixel Detector filled with dimethyl ether. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 620, 285-293.	1.6	29
115	A year-long AGILE observation of Cygnus X-1 in hard spectral state. Astronomy and Astrophysics, 2010, 520, A67.	5.1	5
116	AGILE detection of GeV γ -ray emission from the SNR W28. Astronomy and Astrophysics, 2010, 516, L11.	5.1	76
117	Monitoring the hard X-ray sky with SuperAGILE. Astronomy and Astrophysics, 2010, 510, A9.	5.1	11
118	Detection of Gamma-Ray Emission from the Vela Pulsar Wind Nebula with AGILE. Science, 2010, 327, 663-665.	12.6	33
119	Gamma-Ray Localization of Terrestrial Gamma-Ray Flashes. Physical Review Letters, 2010, 105, 128501.	7.8	36
120	The New Hard X-ray Mission. , 2010, , .		1
121	DIRECT EVIDENCE FOR HADRONIC COSMIC-RAY ACCELERATION IN THE SUPERNOVA REMNANT IC 443. Astrophysical Journal Letters, 2010, 710, L151-L155.	8.3	106
122	A concept for a lightweight, low-power and sensitive Silicon-based All Sky Monitor for transient sources and Gamma Ray Bursts. , 2010, , .		0
123	Detection of terrestrial gamma ray flashes up to 40 MeV by the AGILE satellite. Journal of Geophysical Research, 2010, 115, .	3.3	179
124	AGILE detection of intense γ -ray activity from the blazar PKS 0537+441 in October 2008. Astronomy and Astrophysics, 2010, 522, A109.	5.1	7
125	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. II. THE AGILE 2007 DECEMBER CAMPAIGN. Astrophysical Journal, 2009, 707, 1115-1123.	4.5	42
126	DISCOVERY OF NEW GAMMA-RAY PULSARS WITH AGILE. Astrophysical Journal, 2009, 695, L115-L119.	4.5	49

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127	DETECTION OF GAMMA-RAY EMISSION FROM THE ETA-CARINAE REGION. <i>Astrophysical Journal</i> , 2009, 698, L142-L146.	4.5	86
128	X-ray polarimetry in astrophysics with the Gas Pixel Detector. <i>Journal of Instrumentation</i> , 2009, 4, P11002-P11002.	1.2	2
129	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. I. THE AGILE 2007 NOVEMBER CAMPAIGN ON THE α -CRAZY DIAMOND. <i>Astrophysical Journal</i> , 2009, 690, 1018-1030.	4.5	66
130	First AGILE catalog of high-confidence gamma-ray sources. <i>Astronomy and Astrophysics</i> , 2009, 506, 1563-1574.	5.1	91
131	AGILE observation of a gamma-ray flare from the blazar 3C 279. <i>Astronomy and Astrophysics</i> , 2009, 494, 509-513.	5.1	17
132	HIGH-RESOLUTION TIMING OBSERVATIONS OF SPIN-POWERED PULSARS WITH THE AGILE GAMMA-RAY TELESCOPE. <i>Astrophysical Journal</i> , 2009, 691, 1618-1633.	4.5	43
133	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. <i>Astrophysical Journal</i> , 2009, 707, 612-620.	4.5	71
134	The AGILE Mission. <i>Astronomy and Astrophysics</i> , 2009, 502, 995-1013.	5.1	288
135	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. <i>Astrophysical Journal</i> , 2009, 691, L13-L19.	4.5	86
136	AGILE View of TGFs. , 2009, , .		7
137	The status of the AGILE GRB observations and the noticeable case of GRB 080514B. , 2009, , .		0
138	Search for Very Short Bursts with the AGILE Mini-Calorimeter. , 2009, , .		1
139	A Light and Effective Wide Field Monitor for Gamma Ray Bursts and Transient Sources. , 2009, , .		1
140	XEUS: the physics of the hot evolving universe. <i>Experimental Astronomy</i> , 2009, 23, 139-168.	3.7	8
141	Extreme particle acceleration in the microquasar Cygnus X-3. <i>Nature</i> , 2009, 462, 620-623.	27.8	160
142	THE GAMMA-RAY BURST CATALOG OBTAINED WITH THE GAMMA-RAY BURST MONITOR ABOARD BeppoSAX. <i>Astrophysical Journal, Supplement Series</i> , 2009, 180, 192-223.	7.7	61
143	AGILE detection of a rapid γ -ray flare from the blazar PKS 1510-089 during the GASP-WEBT monitoring. <i>Astronomy and Astrophysics</i> , 2009, 508, 181-189.	5.1	41
144	High energy variability of 3C 273 during the AGILE multiwavelength campaign of December 2007-January 2008. <i>Astronomy and Astrophysics</i> , 2009, 494, 49-61.	5.1	17

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145	Low energy polarization sensitivity of the Gas Pixel Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 584, 149-159.	1.6	30
146	Threshold equalization algorithm for the XAA1.2 ASICs and its application to SuperAGILE X-ray imager. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 593, 367-375.	1.6	5
147	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
148	An imaging x-ray polarimeter for the study of galactic and extragalactic x-ray sources. Proceedings of SPIE, 2008, , .	0.8	10
149	In orbit performance and observations of the silicon strip experiment SuperAGILE. , 2008, , .		0
150	The AGILE Data Handling In-Flight Performance. , 2008, , .		8
151	AGILE and the Gamma-Ray Bursts. AIP Conference Proceedings, 2008, , .	0.4	1
152	GRB 070724B: the first Gamma Ray Burst localized by SuperAGILE. AIP Conference Proceedings, 2008, , .	0.4	0
153	XPOL: a photoelectric polarimeter onboard XEUS. Proceedings of SPIE, 2008, , .	0.8	8
154	One year of in-orbit operation of the AGILE Payload. , 2008, , .		1
155	The gas pixel detector as an x-ray photoelectric polarimeter with a large field of view. Proceedings of SPIE, 2008, , .	0.8	7
156	X-ray polarimetry on-board of HXMT. Proceedings of SPIE, 2008, , .	0.8	7
157	Calibrating and optimizing the imaging of the SuperAGILE experiment. , 2008, , .		0
158	SuperAGILE: one year after launch. Proceedings of SPIE, 2008, , .	0.8	0
159	AGILE Detection of a Strong Gamma-Ray Flare from the Blazar 3C 454.3. Astrophysical Journal, 2008, 676, L13-L16.	4.5	69
160	A versatile facility for the calibration of x-ray polarimeters with polarized and unpolarized controlled beams. Proceedings of SPIE, 2008, , .	0.8	10
161	AGILE detection of intense gamma-ray emission from the blazar PKS 1510-089. Astronomy and Astrophysics, 2008, 491, L21-L24.	5.1	22
162	AGILE detection of delayed gamma-ray emission from GRB 080514B. Astronomy and Astrophysics, 2008, 491, L25-L28.	5.1	53

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163	AGILE detection of variable γ -ray activity from the blazar S50716+714 in September–October 2007. <i>Astronomy and Astrophysics</i> , 2008, 489, L37-L40.	5.1	33
164	Gamma-ray burst detection with the AGILE mini-calorimeter. <i>Astronomy and Astrophysics</i> , 2008, 490, 1151-1156.	5.1	24
165	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
166	Long-term AGILE monitoring of the puzzling gamma-ray source 3EG J1835+5918. <i>Astronomy and Astrophysics</i> , 2008, 489, L17-L20.	5.1	5
167	Gamma-ray Astrophysics with AGILE. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
168	Slow and Fast Components in X-ray light curves of GRBs. II: New Analysis. , 2007, , .		0
169	The AGILE Mission and Gamma-Ray Bursts. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
170	SuperAGILE ground calibrations and first in orbit observations. , 2007, , .		0
171	The Cosmic X-ray Background and the Population of the Most Heavily Obscured AGNs. <i>Astrophysical Journal</i> , 2007, 666, 86-95.	4.5	73
172	A very compact polarizer for an x-ray polarimeter calibration. <i>Proceedings of SPIE</i> , 2007, , .	0.8	13
173	An x-ray polarimeter for HXMT mission. , 2007, , .		5
174	LIVES/VLT high resolution spectroscopy of GRB 050730 afterglow: probing the features of the GRB environment. <i>Astronomy and Astrophysics</i> , 2007, 467, 629-639.	5.1	42
175	Scientific performances of the XAA1.2 front-end chip for silicon microstrip detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 572, 708-721.	1.6	11
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