Enrico Costa

List of Publications by Year
in descending order

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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	An unusual supernova in the error box of the Î³-ray burst of 25 April 1998. Nature, 1998, 395, 670-672.	27.8	1,546
2	Intrinsic spectra and energetics of BeppoSAX Gammaâ€“Ray Bursts with known redshifts. Astronomy and Astrophysics, 2002, 390, 81-89.	5.1	937
3	Discovery of an X-ray afterglow associated with the Î³-ray burst of 28 February 1997. Nature, 1997, 387, 783-785.	27.8	852
4	Transient optical emission from the error box of the Î³-ray burst of 28 February 1997. Nature, 1997, 386, 686-689.	27.8	785
5	Spectral constraints on the redshift of the optical counterpart to the Î³-ray burst of 8 May 1997. Nature, 1997, 387, 878-880.	27.8	637
6	The afterglow, redshift and extreme energetics of the Î³-ray burst of 23 January 1999. Nature, 1999, 398, 389-394.	27.8	374
7	JEMâ€“X: The X-ray monitor aboard INTEGRAL. Astronomy and Astrophysics, 2003, 411, L231-L238.	5.1	349
8	The high energy instrument PDS on-board the BeppoSAX Xâ€“ray astronomy satellite. Astronomy and Astrophysics, 1997, 122, 357-369.	2.1	325
9	An efficient photoelectric X-ray polarimeter for the study of black holes and neutron stars. Nature, 2001, 411, 662-665.	27.8	318
10	Discovery of Powerful Gamma-Ray Flares from the Crab Nebula. Science, 2011, 331, 736-739.	12.6	290
11	The AGILE Mission. Astronomy and Astrophysics, 2009, 502, 995-1013.	5.1	288
12	Observation of X-ray Lines from a Gamma-Ray Burst (GRB991216): Evidence of Moving Ejecta from the Progenitor. Science, 2000, 290, 955-958.	12.6	214
13	NEUTRAL PION EMISSION FROM ACCELERATED PROTONS IN THE SUPERNOVA REMNANT W44. Astrophysical Journal Letters, 2011, 742, L30.	8.3	182
14	Detection of terrestrial gamma ray flashes up to 40 MeV by the AGILE satellite. Journal of Geophysical Research, 2010, 115, .	3.3	179
15	The Large Observatory for X-ray Timing (LOFT). Experimental Astronomy, 2012, 34, 415-444.	3.7	168
16	Extreme particle acceleration in the microquasar Cygnusâ€‰X-3. Nature, 2009, 462, 620-623.	27.8	160
17	Prompt and Delayed Emission Properties of Gammaâ€Ray Bursts Observed with BeppoSAX. Astrophysical Journal, Supplement Series, 2000, 127, 59-78.	7.7	158
18	Terrestrial Gamma-Ray Flashes as Powerful Particle Accelerators. Physical Review Letters, 2011, 106, 018501.	7.8	156

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19	Detection of a Supernova Signature Associated with GRB 011121. Astrophysical Journal, 2002, 572, L45-L49.	4.5	143
20	Discovery of a Transient Absorption Edge in the X-ray Spectrum of GRB 990705. Science, 2000, 290, 953-955.	12.6	140
21	The X-Ray Afterglow of the Gamma-Ray Burst of 1997 May 8:Spectral Variability and Possible Evidence of an Iron Line. Astrophysical Journal, 1999, 514, L73-L77.	4.5	137
22	Discovery of a Redshifted Iron K Line in the X-Ray Afterglow of GRB 000214. Astrophysical Journal, 2000, 545, L39-L42.	4.5	130
23	SuperAGILE: The hard X-ray imager for the AGILE space mission. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 728-754.	1.6	125
24	BeppoSAXObservations of GRB 980425: Detection of the Prompt Event and Monitoring of the Error Box. Astrophysical Journal, 2000, 536, 778-787.	4.5	123
25	Discovery of a Radio Flare from GRB 990123. Astrophysical Journal, 1999, 522, L97-L100.	4.5	120
26	Broadband Observations of the Afterglow of GRB 000926: Observing the Effect of Inverse Compton Scattering. Astrophysical Journal, 2001, 559, 123-130.	4.5	118
27	The optical counterpart to the Î³-ray burst GRB970508. Nature, 1997, 387, 876-878.	27.8	111
28	The Imaging X-ray Polarimetry Explorer (IXPE). Proceedings of SPIE, 2016, , .	0.8	107
29	DIRECT EVIDENCE FOR HADRONIC COSMIC-RAY ACCELERATION IN THE SUPERNOVA REMNANT IC 443. Astrophysical Journal Letters, 2010, 710, L151-L155.	8.3	106
30	An X-ray burst from a magnetar enlightening the mechanism of fast radio bursts. Nature Astronomy, 2021, 5, 401-407.	10.1	104
31	Probing the Environment in Gammaâ€Ray Bursts: The Case of an Xâ€Ray Precursor, Afterglow Late Onset, and Wind Versus Constant Density Profile in GRB 011121 and GRB 011211. Astrophysical Journal, 2005, 623, 314-324.	4.5	103
32	XIPE: the X-ray imaging polarimetry explorer. Experimental Astronomy, 2013, 36, 523-567.	3.7	103
33	INVERSE COMPTON X-RAY EMISSION FROM SUPERNOVAE WITH COMPACT PROGENITORS: APPLICATION TO SN2011fe. Astrophysical Journal, 2012, 751, 134.	4.5	99
34	Direct reading of charge multipliers with a self-triggering CMOS analog chip with 105k pixels at 50Î¼m pitch. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 566, 552-562.	1.6	98
35	A sealed Gas Pixel Detector for X-ray astronomy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 853-858.	1.6	96
36	Decay of the GRB 990123 Optical Afterglow: Implications for the Fireball Model. Science, 1999, 283, 2069-2073.	12.6	95

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37	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
38	First AGILE catalog of high-confidence gamma-ray sources. Astronomy and Astrophysics, 2009, 506, 1563-1574.	5.1	91
39	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. III. EIGHTEEN MONTHS OF AGILE MONITORING OF THE â€œCRAZY DIAMONDâ€. Astrophysical Journal, 2010, 712, 405-420.	4.5	88
40	The Faint Optical Afterglow and Host Galaxy of GRB 020124: Implications for the Nature of Dark Gammaâ€Ray Bursts. Astrophysical Journal, 2002, 581, 981-987.	4.5	87
41	DETECTION OF GAMMA-RAY EMISSION FROM THE ETA-CARINAE REGION. Astrophysical Journal, 2009, 698, L142-L146.	4.5	86
42	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. Astrophysical Journal, 2009, 691, L13-L19.	4.5	86
43	AGILE detection of GeV sfÎ³-ray emission from the SNR W28. Astronomy and Astrophysics, 2010, 516, L11.	5.1	76
44	Discovery of GRB 020405 and Its Late Red Bump. Astrophysical Journal, 2003, 589, 838-843.	4.5	75
45	A Comparative Study of the Xâ€Ray Afterglow Properties of Optically Bright and Dark Gammaâ€Ray Bursts. Astrophysical Journal, 2003, 592, 1018-1024.	4.5	74
46	Evidence for Diverse Optical Emission from Gammaâ€Ray Burst Sources. Astrophysical Journal, 1998, 496, 311-315.	4.5	74
47	The Discovery and Broadband Follow-up of the Transient Afterglow of GRB 980703. Astrophysical Journal, 1998, 508, L21-L24.	4.5	73
48	The Cosmic Xâ€Ray Background and the Population of the Most Heavily Obscured AGNs. Astrophysical Journal, 2007, 666, 86-95.	4.5	73
49	A Giant Outburst from SGR 1900+14 Observed with the [ITAL]BeppoSAX[/ITAL] Gamma-Ray Burst Monitor. Astrophysical Journal, 1999, 515, L9-L12.	4.5	72
50	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. Astrophysical Journal, 2009, 707, 612-620.	4.5	71
51	BeppoSAXMeasurements of the Bright Gammaâ€Ray Burst 010222. Astrophysical Journal, 2001, 559, 710-715.	4.5	70
52	AGILEDETECTION OF DELAYED GAMMA-RAY EMISSION FROM THE SHORT GAMMA-RAY BURST GRB 090510. Astrophysical Journal Letters, 2010, 708, L84-L88.	8.3	70
53	The Host Galaxy of GRB 990123. Astrophysical Journal, 1999, 518, L1-L4.	4.5	69
54	AGILE Detection of a Strong Gamma-Ray Flare from the Blazar 3C 454.3. Astrophysical Journal, 2008, 676, L13-L16.	4.5	69

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55	The Xâ€Ray, Optical, and Infrared Counterpart to GRB 980703. Astrophysical Journal, 1999, 523, 171-176.	4.5	68
56	The Instrument of the Imaging X-Ray Polarimetry Explorer. Astronomical Journal, 2021, 162, 208.	4.7	68
57	Design, construction, and test of the Gas Pixel Detectors for the IXPE mission. Astroparticle Physics, 2021, 133, 102628.	4.3	67
58	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. I. THEAGILE2007 NOVEMBER CAMPAIGN ON THE â€œCRAZY DIAMONDâ€• Astrophysical Journal, 2009, 690, 1018-1030.	4.5	66
59	EPISODIC TRANSIENT GAMMA-RAY EMISSION FROM THE MICROQUASAR CYGNUS X-1. Astrophysical Journal Letters, 2010, 712, L10-L15.	8.3	62
60	AGILE detection of extremeÎ³-ray activity from the blazar PKS 1510-089 during March 2009. Astronomy and Astrophysics, 2011, 529, A145.	5.1	62
61	THE GAMMA-RAY BURST CATALOG OBTAINED WITH THE GAMMA-RAY BURST MONITOR ABOARD BeppoSAX. Astrophysical Journal, Supplement Series, 2009, 180, 192-223.	7.7	61
62	The Imaging X-ray Polarimetry Explorer (IXPE). Results in Physics, 2016, 6, 1179-1180.	4.1	57
63	The BeppoSAX catalog of GRBÂX-ray afterglow observations. Astronomy and Astrophysics, 2006, 455, 813-824.	5.1	54
64	The Rapid Decay of the Optical Emission from GRB 980326 and Its Possible Implications. Astrophysical Journal, 1998, 502, L123-L127.	4.5	53
65	AGILE detection of delayed gamma-ray emission from GRB 080514B. Astronomy and Astrophysics, 2008, 491, L25-L28.	5.1	53
66	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
67	VARIABLE GAMMA-RAY EMISSION FROM THE CRAB NEBULA: SHORT FLARES AND LONG â€œWAVESâ€• Astrophysical Journal, 2013, 765, 52.	4.5	53
68	Gas pixel detectors for X-ray polarimetry applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 560, 425-434.	1.6	52
69	THE 2009 DECEMBER GAMMA-RAY FLARE OF 3C 454.3: THE MULTIFREQUENCY CAMPAIGN. Astrophysical Journal Letters, 2010, 716, L170-L175.	8.3	52
70	Re-detection and a possible time variation of soft X-ray polarization from the Crab. Nature Astronomy, 2020, 4, 511-516.	10.1	51
71	DISCOVERY OF NEW GAMMA-RAY PULSARS WITH AGILE. Astrophysical Journal, 2009, 695, L115-L119.	4.5	49
72	Spectral Properties of the Prompt X-ray Emission and Afterglow from the Gamma-Ray Burst of 1997 February 28. Astrophysical Journal, 1998, 493, L67-L70.	4.5	49

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73	Novel gaseous x-ray polarimeter: data analysis and simulation. , 2003, 4843, 383.		48
74	[ITAL]Hubble Space Telescope[/ITAL] Imaging of the Optical Transient Associated with GRB 970508. Astrophysical Journal, 1998, 492, L103-L106.	4.5	47
75	Polarimetric Constraints on the Optical Afterglow Emission from GRB 990123 . Science, 1999, 283, 2073-2075.	12.6	44
76	AGILE OBSERVATIONS OF THE GRAVITATIONAL-WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 825, L4.	8.3	44
77	HIGH-RESOLUTION TIMING OBSERVATIONS OF SPIN-POWERED PULSARS WITH THEAGILEGAMMA-RAY TELESCOPE. Astrophysical Journal, 2009, 691, 1618-1633.	4.5	43
78	PolarLight: a CubeSat X-ray polarimeter based on the gas pixel detector. Experimental Astronomy, 2019, 47, 225-243.	3.7	43
79	<title>In-flight performances of the BeppoSAX gamma-ray burst monitor</title>. , 1997, , .		42
80	UVES/VLT high resolution spectroscopy of GRB 050730 afterglow: probing the features of the GRB environment. Astronomy and Astrophysics, 2007, 467, 629-639.	5.1	42
81	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. II. THEAGILE2007 DECEMBER CAMPAIGN. Astrophysical Journal, 2009, 707, 1115-1123.	4.5	42
82	Optical afterglow of the Î³-ray burst of 14 December 1997. Nature, 1998, 393, 41-43.	27.8	41
83	AGILE detection of a rapid Î³-ray flare from the blazar PKS 1510-089 during the GASP-WEBT monitoring. Astronomy and Astrophysics, 2009, 508, 181-189.	5.1	41
84	BeppoSAX detection and follow-up of GRBÂ980425. Astronomy and Astrophysics, 1999, 138, 463-464.	2.1	41
85	THE EXTRAORDINARY GAMMA-RAY FLARE OF THE BLAZAR 3C 454.3. Astrophysical Journal, 2010, 718, 455-459.	4.5	40
86	CHANDRA, KECK, AND VLA OBSERVATIONS OF THE CRAB NEBULA DURING THE 2011-APRIL GAMMA-RAY FLARE. Astrophysical Journal, 2013, 765, 56.	4.5	40
87	Gamma-Ray Burst 980329 and Its X-Ray Afterglow. Astrophysical Journal, 1998, 505, L119-L122.	4.5	40
88	The Xâ€Ray Afterglow of GRB 000926 Observed byBeppoSAXandChandra: A Mildly Collimated Fireball in a Dense Medium?. Astrophysical Journal, 2001, 558, 442-447.	4.5	39
89	BeppoSAX confirmation of beamed afterglow emission from GRB 990510. Astronomy and Astrophysics, 2001, 372, 456-462.	5.1	39
90	A Weighted Analysis to Improve the X-Ray Polarization Sensitivity of the Imaging X-ray Polarimetry Explorer. Astronomical Journal, 2022, 163, 170.	4.7	38

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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	Gamma-Ray Localization of Terrestrial Gamma-Ray Flashes. Physical Review Letters, 2010, 105, 128501.	7.8	36
93	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
94	A Significant Detection of X-ray Polarization in Sco X-1 with PolarLight and Constraints on the Corona Geometry. Astrophysical Journal Letters, 2022, 924, L13.	8.3	34
95	An Algorithm to Calibrate and Correct the Response to Unpolarized Radiation of the X-Ray Polarimeter Onboard IXPE. Astronomical Journal, 2022, 163, 39.	4.7	34
96	AGILE detection of variable Î³-ray activity from the blazar S5Â0716+714 in Septemberâ€“October 2007. Astronomy and Astrophysics, 2008, 489, L37-L40.	5.1	33
97	Detection of Gamma-Ray Emission from the Vela Pulsar Wind Nebula with AGILE. Science, 2010, 327, 663-665.	12.6	33
98	GRB 990510: On the Possibility of a Beamed Xâ€Ray Afterglow. Astrophysical Journal, 2000, 538, 638-644.	4.5	33
99	Prompt and Afterglow Emission from the Xâ€Rayâ€“Rich GRB 981226 Observed withBeppoSAX. Astrophysical Journal, 2000, 540, 697-703.	4.5	33
100	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
101	In-flight calibration system of imaging x-ray polarimetry explorer. Journal of Astronomical Telescopes, Instruments, and Systems, 2020, 6, .	1.8	32
102	The puzzling case of GRBÂ990123: prompt emission andÂbroad-bandÂafterglow modeling. Astronomy and Astrophysics, 2005, 438, 829-840.	5.1	31
103	The Host Galaxy of the Gamma-Ray Burst 971214. Astrophysical Journal, 1998, 509, L5-L8.	4.5	31
104	The Radio Afterglow and the Host Galaxy of the X-Rayâ€“rich GRB 981226. Astrophysical Journal, 1999, 525, L81-L84.	4.5	30
105	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
106	CHARACTERIZATION OF THE INNER KNOT OF THE CRAB: THE SITE OF THE GAMMA-RAY FLARES?. Astrophysical Journal, 2015, 811, 24.	4.5	30
107	Slow and fast components in the X-ray light curves of gamma-ray bursts. Astronomy and Astrophysics, 2006, 447, 499-513.	5.1	30
108	<title>Status of the stellar x-ray polarimeter for the Spectrum-X-Gamma mission</title>. , 1994, , .		29

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109	Treatment of Compton scattering of linearly polarized photons in Monte Carlo codes. Radiation Physics and Chemistry, 1996, 48, 403-411.	2.8	29
110	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
111	AGILE detection of Cygnus X-3Î³-ray active states during the period mid-2009/mid-2010. Astronomy and Astrophysics, 2012, 538, A63.	5.1	29
112	Photometry and Spectroscopy of the GRB 970508 Optical Counterpart. Science, 1998, 279, 1011-1014.	12.6	28
113	The 2001 April Burst Activation of SGR 1900+14: Xâ€Ray Afterglow Emission. Astrophysical Journal, 2003, 596, 470-476.	4.5	28
114	The mini-calorimeter of the AGILE satellite. , 2006, 6266, 1086.		28
115	THE IMAGING PROPERTIES OF THE GAS PIXEL DETECTOR AS A FOCAL PLANE POLARIMETER. Astrophysical Journal, Supplement Series, 2014, 212, 25.	7.7	27
116	Reading a GEM with a VLSI pixel ASIC used as a direct charge collecting anode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 535, 477-484.	1.6	27
117	GRB 010921: Strong Limits on an Underlying Supernova from theHubble Space Telescope. Astrophysical Journal, 2003, 584, 931-936.	4.5	27
118	<title>PDS experiment on board the BeppoSAX satellite: design and in-flight performance results</title>. , 1997, , .		26
119	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
120	Comparative study of the two large flares from SGR1900+14 with theBeppoSAXGamma-Ray Burst Monitor. Astronomy and Astrophysics, 2004, 416, 297-310.	5.1	26
121	Xâ€“ray afterglow of gammaâ€“ray bursts with BeppoSAX. Astronomy and Astrophysics, 1999, 138, 425-429.	2.1	26
122	AGILE Observations of the Gravitational-wave Source GW170104. Astrophysical Journal Letters, 2017, 847, L20.	8.3	25
123	GRB 990704: The most X-ray rich BeppoSAX gamma-ray burst. Astronomy and Astrophysics, 2001, 378, 441-448.	5.1	25
124	Prompt and afterglow X-ray emission from the X-Ray Flash of 2002 April 27. Astronomy and Astrophysics, 2004, 426, 415-423.	5.1	25
125	Gamma-Ray and X-Ray Observations of the Periodic-repeater FRB 180916 during Active Phases. Astrophysical Journal Letters, 2020, 893, L42.	8.3	25
126	The Prompt Emission of GRB 990712 with [ITAL]B[/ITAL][CSC][ITAL]eppo[/ITAL][/CSC][ITAL]SAX[/ITAL]: Evidence of a Transient X-Ray Emission Feature. Astrophysical Journal, 2001, 550, L47-L51.	4.5	24

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127	Gamma-ray burst detection with the AGILE mini-calorimeter. Astronomy and Astrophysics, 2008, 490, 1151-1156.	5.1	24
128	A BGO-CsI(Tl) phoswich: A new detector for X- and Î³-ray astronomy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 243, 572-577.	1.6	23
129	POLARIX: a pathfinder mission of X-ray polarimetry. Experimental Astronomy, 2010, 28, 137-183.	3.7	23
130	THE REMARKABLE Î³-RAY ACTIVITY IN THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211. Astrophysical Journal Letters, 2011, 736, L30.	8.3	23
131	INTERPLANETARY NETWORK LOCALIZATIONS OF KONUS SHORT GAMMA-RAY BURSTS. Astrophysical Journal, Supplement Series, 2013, 207, 38.	7.7	23
132	AGILE detection of intense gamma-ray emission from the blazar PKS 1510-089. Astronomy and Astrophysics, 2008, 491, L21-L24.	5.1	22
133	New developments, plasma physics regimes and issues for the Ignitor experiment. Nuclear Fusion, 2013, 53, 104013.	3.5	22
134	The high energy X-ray experiment PDS on board the SAX satellite. Advances in Space Research, 1991, 11, 281-285.	2.6	21
135	The Gamma-Ray Bursts Monitor onboard SAX. Advances in Space Research, 1998, 22, 1129-1132.	2.6	21
136	A photoelectric polarimeter based on a Micropattern Gas Detector for X-ray astronomy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 510, 176-184.	1.6	20
137	AGILEÂObservations of the Gravitational-wave Source GW170817: Constraining Gamma-Ray Emission from an NSâ€“NS Coalescence. Astrophysical Journal Letters, 2017, 850, L27.	8.3	20
138	AGILE Observations of Two Repeating Fast Radio Bursts with Low Intrinsic Dispersion Measures. Astrophysical Journal Letters, 2020, 890, L32.	8.3	20
139	Multiwavelength study of the very long GRBÂ020410. Astronomy and Astrophysics, 2004, 427, 445-452.	5.1	19
140	AGILEOBSERVATIONS OF THE â€œSOFTâ€•GAMMA-RAY PULSAR PSR B1509 â€“ 58. Astrophysical Journal, 2010, 723, 707-712.	4.5	19
141	The X-ray afterglow of GRBÂ980519. Astronomy and Astrophysics, 1999, 138, 437-438.	2.1	19
142	The AGILE instrument. , 2003, 4851, 1151.		18
143	The AGILE observations of the hard and bright GRBÂ100724B. Astronomy and Astrophysics, 2011, 535, A120.	5.1	18
144	Third Interplanetary Network Localization, Time History, Fluence, Peak Flux, and Distance Lower Limit of the 1997 February 28 Gamma-Ray Burst. Astrophysical Journal, 1997, 485, L1-L3.	4.5	18

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145	Sensitivity of a photoelectric x-ray polarimeter for astronomy: the impact of the gas mixture and pressure. , 2003, 4843, 394.		17
146	AGILE observation of a gamma-ray flare from the blazar 3C 279. Astronomy and Astrophysics, 2009, 494, 509-513.	5.1	17
147	High energy variability of 3C 273 during the AGILE multiwavelength campaign of December 2007â€“January 2008. Astronomy and Astrophysics, 2009, 494, 49-61.	5.1	17
148	Detection of a feature at 0.44 MeV in the Crab pulsar spectrum with FIGARO II - A redshifted positron annihilation line?. Astrophysical Journal, 1991, 376, L11.	4.5	17
149	Astronomical X-ray polarimetry based on photoelectric effect with microgap detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 469, 164-184.	1.6	16
150	The Prompt Xâ€Ray Emission of GRB 011211: Possible Evidence of a Transient Absorption Feature. Astrophysical Journal, 2004, 616, 1078-1085.	4.5	16
151	The AGILE mission and its scientific instrument. , 2006, 6266, 12.		16
152	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
153	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
154	The puzzling case of GRB 990123: multiwavelength afterglow study. Astronomy and Astrophysics, 2005, 438, 821-827.	5.1	16
155	A Decreasing Column Density during the Prompt Emission from GRB 000528 Observed withBeppoSAX. Astrophysical Journal, 2004, 614, 301-308.	4.5	16
156	The IXPE instrument calibration equipment. Astroparticle Physics, 2022, 136, 102658.	4.3	16
157	Gravity and Extreme Magnetism SMEX (GEMS). , 2010, , 251-259.		15
158	X-ray polarimetry with a micro pattern gas detector with pixel readout. IEEE Transactions on Nuclear Science, 2002, 49, 1216-1220.	2.0	15
159	A set of x-ray polarimeters for the New Hard X-ray Imaging and Polarimetric Mission. Proceedings of SPIE, 2010, , .	0.8	15
160	The background of the gas pixel detector and its impact on imaging X-ray polarimetry. Proceedings of SPIE, 2012, , .	0.8	15
161	X-Ray Polarimetry of the Crab Nebula with PolarLight: Polarization Recovery after the Glitch and a Secular Position Angle Variation. Astrophysical Journal Letters, 2021, 912, L28.	8.3	15
162	Observation of the Crab pulsar, PSR 0531 + 21, at 0.2-6.0 MeV with the FIGARO II experiment. Astrophysical Journal, 1990, 355, 645.	4.5	15

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163	Study of theÎ³-ray source 1AGLÂJ2022+4032 in the Cygnus region. Astronomy and Astrophysics, 2011, 525, A33.	5.1	14
164	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. Astronomy and Astrophysics, 2013, 558, A37.	5.1	14
165	Xâ€Ray Afterglow Detection of the Short Gammaâ€Ray Burst GRB 991014. Astrophysical Journal, 2000, 545, 266-270.	4.5	14
166	Design of a scattering polarimeter for hard X-ray astronomy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 366, 161-172.	1.6	13
167	<title>BeppoSAX GRBM on-ground calibration data analysis</title>. , 1997, , .		13
168	A very compact polarizer for an x-ray polarimeter calibration. Proceedings of SPIE, 2007, , .	0.8	13
169	TEMPORAL PROPERTIES OF GX 301â˜2 OVER A YEAR-LONG OBSERVATION WITH SuperAGILE. Astrophysical Journal, 2010, 708, 1663-1673.	4.5	13
170	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
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