Sandro Mereghetti

List of Publications by Year
in descending order

505	15,936	15504 65	26613 107
papers	citations	h-index	g-index

508	508	508	7206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	INTEGRAL Detection of the First Prompt Gamma-Ray Signal Coincident with the Gravitational-wave Event GW170817. Astrophysical Journal Letters, 2017, 848, L15.	8.3	647
2	The strongest cosmic magnets: soft gamma-ray repeaters and anomalous X-ray pulsars. Astronomy and Astrophysics Review, 2008, 15, 225-287.	25.5	528
3	SN 2003lw and GRB 031203: A Bright Supernova for a Faint Gamma-Ray Burst. Astrophysical Journal, 2004, 609, L5-L8.	4.5	320
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	The INTEGRAL Science Data Centre (ISDC). Astronomy and Astrophysics, 2003, 411, L53-L57.	5.1	283
7	A Low-Magnetic-Field Soft Gamma Repeater. Science, 2010, 330, 944-946.	12.6	258
8	The very low mass X-ray binary pulsars: A new class of sources?. Astrophysical Journal, 1995, 442, L17.	4.5	234
9	INTEGRAL Discovery of a Burst with Associated Radio Emission from the Magnetar SGR 1935+2154. Astrophysical Journal Letters, 2020, 898, L29.	8.3	227
10	Re-examining the X-ray versus spin-down luminosity correlation of rotation powered pulsars. Astronomy and Astrophysics, 2002, 387, 993-1002.	5.1	226
11	The neutron stars of Soft X-ray Transients. Astronomy and Astrophysics Review, 1998, 8, 279-316.	25.5	222
12	Are the hosts of gamma-ray bursts sub-luminous and blue galaxies?. Astronomy and Astrophysics, 2003, 400, 499-510.	5.1	221
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 magnetic field of an isolated neutron star from X-ray cyclotron absorption lines. Nature, 2003, 423, 725-727.	27.8	177
16	Science with e-ASTROGAM. Journal of High Energy Astrophysics, 2018, 19, 1-106.	6.7	177
17	The Large Observatory for X-ray Timing (LOFT). Experimental Astronomy, 2012, 34, 415-444.	3.7	168
18	The e-ASTROGAM mission. Experimental Astronomy, 2017, 44, 25-82.	3.7	167

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19	Extreme particle acceleration in the microquasar Cygnusâ€‰X-3. Nature, 2009, 462, 620-623.	27.8	160
20	An Embedded X-Ray Source Shines through the Aspherical ATÂ2018cow: Revealing the Inner Workings of the Most Luminous Fast-evolving Optical Transients. Astrophysical Journal, 2019, 872, 18.	4.5	160
21	A variable absorption feature in the X-ray spectrum of a magnetar. Nature, 2013, 500, 312-314.	27.8	157
22	Terrestrial Gamma-Ray Flashes as Powerful Particle Accelerators. Physical Review Letters, 2011, 106, 018501.	7.8	156
23	Magnetars: Properties, Origin and Evolution. Space Science Reviews, 2015, 191, 315-338.	8.1	156
24	On the Polar Caps of the Three Musketeers. Astrophysical Journal, 2005, 623, 1051-1069.	4.5	145
25	The THESEUS space mission concept: science case, design and expected performances. Advances in Space Research, 2018, 62, 191-244.	2.6	133
26	A NEW LOW MAGNETIC FIELD MAGNETAR: THE 2011 OUTBURST OF SWIFT J1822.3â€“1606. Astrophysical Journal, 2012, 754, 27.	4.5	116
27	Aquila X-1 from Outburst to Quiescence: The Onset of the Propeller Effect and Signs of a Turned-on Rotation-powered Pulsar. Astrophysical Journal, 1998, 499, L65-L68.	4.5	114
28	An [ITAL]XMM-Newton[/ITAL] Study of the 401 H[CLC]z[/CLC] Accreting Pulsar SAX J1808.4â˜’3658 in Quiescence. Astrophysical Journal, 2002, 575, L15-L19.	4.5	108
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	The INTEGRAL Burst Alert System. Astronomy and Astrophysics, 2003, 411, L291-L297.	5.1	103
32	Magnetars as persistent hard X-ray sources: INTEGRAL discovery of a hard tail in SGRÂ1900+14. Astronomy and Astrophysics, 2006, 449, L31-L34.	5.1	103
33	A Long-Period, Violently Variable X-ray Source in a Young Supernova Remnant. Science, 2006, 313, 814-817.	12.6	101
34	An alternative hypothesis for the outburst mechanism in supergiant fast X-ray transients: the case of IGR J11215â€“5952. Astronomy and Astrophysics, 2007, 476, 1307-1315.	5.1	101
35	The discovery, monitoring and environment of SGRÂJ1935+2154. Monthly Notices of the Royal Astronomical Society, 2016, 457, 3448-3456.	4.4	98
36	A STRONGLY MAGNETIZED PULSAR WITHIN THE GRASP OF THE MILKY WAY'S SUPERMASSIVE BLACK HOLE. Astrophysical Journal Letters, 2013, 775, L34.	8.3	96

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37	INTEGRAL UPPER LIMITS ON GAMMA-RAY EMISSION ASSOCIATED WITH THE GRAVITATIONAL WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 820, L36.	8.3	94
38	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
39	Evidence of 1122 Hz X-Ray Burst Oscillations from the Neutron Star X-Ray Transient XTE J1739-285. Astrophysical Journal, 2007, 657, L97-L100.	4.5	92
40	First AGILE catalog of high-confidence gamma-ray sources. Astronomy and Astrophysics, 2009, 506, 1563-1574.	5.1	91
41	The first outburst of the new magnetar candidate SGRâ€ƒ0501+4516. Monthly Notices of the Royal Astronomical Society, 2009, 396, 2419-2432.	4.4	90
42	Geminga's Tails: A Pulsar Bow Shock Probing the Interstellar Medium. Science, 2003, 301, 1345-1347.	12.6	88
43	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
44	The First Giant Flare from SGR 1806-20: Observations Using the Anticoincidence Shield of the Spectrometer on INTEGRAL. Astrophysical Journal, 2005, 624, L105-L108.	4.5	87
45	THE DUST-SCATTERING X-RAY RINGS OF THE ANOMALOUS X-RAY PULSAR 1E 1547.0-5408. Astrophysical Journal, 2010, 710, 227-235.	4.5	87
46	DETECTION OF GAMMA-RAY EMISSION FROM THE ETA-CARINAE REGION. Astrophysical Journal, 2009, 698, L142-L146.	4.5	86
47	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. Astrophysical Journal, 2009, 691, L13-L19.	4.5	86
48	Do quiescent soft X-ray transients contain millisecond radio pulsars?. Astrophysical Journal, 1994, 423, L47.	4.5	83
49	AnXMMâ€NewtonView of the Soft Gamma Repeater SGR 1806â^'20: Longâ€Term Variability in the Preâ€“Giant Flare Epoch. Astrophysical Journal, 2005, 628, 938-945.	4.5	82
50	Pulsator-like Spectra from Ultraluminous X-Ray Sources and the Search for More Ultraluminous Pulsars. Astrophysical Journal, 2017, 836, 113.	4.5	82
51	An Ultramassive, Fast-Spinning White Dwarf in a Peculiar Binary System. Science, 2009, 325, 1222-1223.	12.6	81
52	INTEGRAL discovery of persistent hard X-ray emission from the Soft Gamma-ray Repeater SGRÂ1806â€“20. Astronomy and Astrophysics, 2005, 433, L9-L12.	5.1	80
53	Optical emission from GRBâ€‰050709: a short/hard GRB in a star-forming galaxy. Astronomy and Astrophysics, 2006, 447, L5-L8.	5.1	77
54	AGILE detection of GeV sfÎ³-ray emission from the SNR W28. Astronomy and Astrophysics, 2010, 516, L11.	5.1	76

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55	Pulse Phase Variations of the Xâ€Ray Spectral Features in the Radioâ€quiet Neutron Star 1E 1207â^'5209. Astrophysical Journal, 2002, 581, 1280-1285.	4.5	75
56	XMM-Newton and VLT observations of the isolated neutron starÂ1EÂ1207.4â€“5209. Astronomy and Astrophysics, 2004, 418, 625-637.	5.1	72
57	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. Astrophysical Journal, 2009, 707, 612-620.	4.5	71
58	AGILEDETECTION OF DELAYED GAMMA-RAY EMISSION FROM THE SHORT GAMMA-RAY BURST GRB 090510. Astrophysical Journal Letters, 2010, 708, L84-L88.	8.3	70
59	Average hard X-ray emission from NS LMXBs: observational evidence of different spectral states in NS LMXBs. Astronomy and Astrophysics, 2006, 459, 187-197.	5.1	69
60	AGILE Detection of a Strong Gamma-Ray Flare from the Blazar 3C 454.3. Astrophysical Journal, 2008, 676, L13-L16.	4.5	69
61	STRONG BURSTS FROM THE ANOMALOUS X-RAY PULSAR 1E 1547.0â€“5408 OBSERVED WITH THE INTEGRAL /SPI ANTI-COINCIDENCE SHIELD. Astrophysical Journal, 2009, 696, L74-L78.	4.5	69
62	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. I. THEAGILE2007 NOVEMBER CAMPAIGN ON THE â€œCRAZY DIAMONDâ€• Astrophysical Journal, 2009, 690, 1018-1030.	4.5	66
63	The structure of blue supergiant winds and the accretion in supergiant high-mass X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2009, 398, 2152-2165.	4.4	66
64	Properties of terrestrial gamma ray flashes detected by AGILE MCAL below 30â€‰MeV. Journal of Geophysical Research: Space Physics, 2014, 119, 1337-1355.	2.4	66
65	ThreeXMM-Newtonobservations of the anomalous X-ray pulsar 1EÂ1048.1â€“5937: Long term variations in spectrum and pulsed fraction. Astronomy and Astrophysics, 2005, 437, 997-1005.	5.1	65
66	New limits on the orbital parameters of 1E 1048.1â€”5937 and 1E 2259+586 from RXTE observations. Monthly Notices of the Royal Astronomical Society, 1998, 296, 689-692.	4.4	63
67	XMM-Newton Discovery of 7 s Pulsations in the Isolated Neutron Star RX J1856.5-3754. Astrophysical Journal, 2007, 657, L101-L104.	4.5	63
68	The Zoo of Xâ€“Ray Sources in the Galactic Center Region: Observations withBeppoSAX. Astrophysical Journal, 1999, 525, 215-227.	4.5	62
69	EPISODIC TRANSIENT GAMMA-RAY EMISSION FROM THE MICROQUASAR CYGNUS X-1. Astrophysical Journal Letters, 2010, 712, L10-L15.	8.3	62
70	AGILE detection of extremeÎ³-ray activity from the blazar PKS 1510-089 during March 2009. Astronomy and Astrophysics, 2011, 529, A145.	5.1	62
71	Are GRB 980425 and GRB 031203 real outliers or twins of GRB 060218?. Monthly Notices of the Royal Astronomical Society, 2006, 372, 1699-1709.	4.4	59
72	The Variable Quiescence of Centaurus Xâ€4. Astrophysical Journal, 2004, 601, 474-478.	4.5	58

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73	Pulsar-Wind Nebulae and Magnetar Outflows: Observations at Radio, X-Ray, and Gamma-Ray Wavelengths. Space Science Reviews, 2017, 207, 175-234.	8.1	56
74	The discovery of 8.7 second pulsations from the ultrasoft X-ray source 4U 0142+61. Astrophysical Journal, 1994, 433, L25.	4.5	56
75	From outburst to quiescence: the decay of the transient AXPÂXTEÂJ1810-197. Astronomy and Astrophysics, 2009, 498, 195-207.	5.1	55
76	The proper motion of Geminga's optical counterpart. Nature, 1993, 361, 704-706.	27.8	54
77	The FirstXMMâ€NewtonObservations of the Soft Gammaâ€Ray Repeater SGR 1900+14. Astrophysical Journal, 2006, 653, 1423-1428.	4.5	54
78	XMM-Newton observation of a spectral state transition in the peculiar radio/X-ray/Î³-ray source LSÂIÂ+61Â303. Astronomy and Astrophysics, 2006, 459, 901-907.	5.1	54
79	Swift/XRTÂobserves the fifth outburst of the periodic supergiant fast X-ray transient IGR J11215-5952. Astronomy and Astrophysics, 2007, 469, L5-L8.	5.1	53
80	AGILE detection of delayed gamma-ray emission from GRB 080514B. Astronomy and Astrophysics, 2008, 491, L25-L28.	5.1	53
81	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
82	VARIABLE GAMMA-RAY EMISSION FROM THE CRAB NEBULA: SHORT FLARES AND LONG â€œWAVESâ€• Astrophysical Journal, 2013, 765, 52.	4.5	53
83	THE 2009 DECEMBER GAMMA-RAY FLARE OF 3C 454.3: THE MULTIFREQUENCY CAMPAIGN. Astrophysical Journal Letters, 2010, 716, L170-L175.	8.3	52
84	TheXMM-Newtonsurvey of the Small Magellanic Cloud. Astronomy and Astrophysics, 2012, 545, A128.	5.1	52
85	The Detection of Variability from the Candidate Infrared Counterpart to the Anomalous X-Ray Pulsar 1E 1048.1â^'5937. Astrophysical Journal, 2002, 580, L143-L146.	4.5	52
86	The Infrared Counterpart to the Anomalous X-Ray Pulsar 1RXS J170849-400910. Astrophysical Journal, 2003, 589, L93-L96.	4.5	49
87	Evidence of a Cyclotron Feature in the Spectrum of the Anomalous X-Ray Pulsar 1RXS J170849â^'400910. Astrophysical Journal, 2003, 586, L65-L69.	4.5	49
88	The 2008 May burst activation of SGR 1627â€“41. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 390, L34-L38.	3.3	49
89	DISCOVERY OF NEW GAMMA-RAY PULSARS WITH AGILE. Astrophysical Journal, 2009, 695, L115-L119.	4.5	49
90	Further Evidence that 1RXS J170849.0â^'400910 Is an Anomalous X-Ray Pulsar. Astrophysical Journal, 1999, 518, L107-L110.	4.5	49

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91	The return to quiescence of Aql X-1 following the 2010 outburst. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1984-1991.	4.4	48
92	Correlated Infrared and X-ray variability of the transient Anomalous X-ray Pulsar XTE J1810-197. Astronomy and Astrophysics, 2004, 425, L5-L8.	5.1	48
93	XMMUÂJ174716.1â€“281048: a â€œquasi-persistentâ€•very faint X-ray transient?. Astronomy and Astrophysics, 2007, 468, L17-L20.	5.1	48
94	The X-Ray Source at the Center of G296.5+10.0 as a Young Isolated Neutron Star. Astrophysical Journal, 1996, 464, 842.	4.5	47
95	Very Large Telescope and [ITAL]Hubble Space Telescope[/ITAL] Observations of the Host Galaxy of GRB 990705. Astrophysical Journal, 2002, 581, L81-L84.	4.5	46
96	Broadband Xâ€Ray Spectra of Short Bursts from SGR 1900+14. Astrophysical Journal, 2004, 612, 408-413.	4.5	46
97	Discovery and monitoring of the likely IR counterpart of SGRÂ1806â€“20â€€during the 2004 Î³-ray burst-active state. Astronomy and Astrophysics, 2005, 438, L1-L4.	5.1	46
98	The 2008 Octoberâ€,Swiftâ€,detection of X-ray bursts/outburst from the transient SGR-like AXP 1Eâ€ƒ1547.0â˜†5408. Monthly Notices of the Royal Astronomical Society, 2010, 408, 1387-1395.	4.4	46
99	Phase-Resolved Spectroscopy of Geminga Shows Rotating Hot Spot(s). Science, 2004, 305, 376-379.	12.6	45
100	Enhanced detection of terrestrial gammaâ€ray flashes by AGILE. Geophysical Research Letters, 2015, 42, 9481-9487.	4.0	45
101	The X-ray outburst of the Galactic Centre magnetar SGRÂJ1745â˜2900 during the first 1.5Âyear. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2685-2699.	4.4	45
102	AGILE OBSERVATIONS OF THE GRAVITATIONAL-WAVE EVENT GW150914. Astrophysical Journal Letters, 2016, 825, L4.	8.3	44
103	IGR J11215â€“5952: a hard X-ray transient displaying recurrent outbursts. Astronomy and Astrophysics, 2006, 450, L9-L12.	5.1	44
104	Pronounced Longâ€Term Flux Variability of the Anomalous Xâ€Ray Pulsar 1E 1048.1â˜5937. Astrophysical Journal, 2004, 608, 427-431.	4.5	43
105	Accurate X-Ray Position of the Anomalous X-Ray Pulsar XTE J1810-197 and Identification of Its Likely Infrared Counterpart. Astrophysical Journal, 2004, 603, L97-L100.	4.5	43
106	HIGH-RESOLUTION TIMING OBSERVATIONS OF SPIN-POWERED PULSARS WITH THEAGILEGAMMA-RAY TELESCOPE. Astrophysical Journal, 2009, 691, 1618-1633.	4.5	43
107	X-RAY AND OPTICAL OBSERVATIONS OF THE UNIQUE BINARY SYSTEM HD 49798/RX J0648.0-4418. Astrophysical Journal, 2011, 737, 51.	4.5	43
108	The X-ray afterglow of GRB 030329. Astronomy and Astrophysics, 2003, 409, 983-987.	5.1	43

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109	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
110	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. II. THEAGILE2007 DECEMBER CAMPAIGN. Astrophysical Journal, 2009, 707, 1115-1123.	4.5	42
111	Multi-instrument X-ray monitoring of the January 2009 outburst from the recurrent magnetar candidate 1Eâ€‰1547.0-5408. Astronomy and Astrophysics, 2011, 529, A19.	5.1	41
112	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
113	First results from the INTEGRAL galactic plane scans. Astronomy and Astrophysics, 2003, 411, L349-L355.	5.1	41
114	Two years of INTEGRAL monitoring of the soft gamma-ray repeater SGR 1806-20: from quiescence to frenzy. Astronomy and Astrophysics, 2006, 445, 313-321.	5.1	41
115	THE EXTRAORDINARY GAMMA-RAY FLARE OF THE BLAZAR 3C 454.3. Astrophysical Journal, 2010, 718, 455-459.	4.5	40
116	A DEEP CAMPAIGN TO CHARACTERIZE THE SYNCHRONOUS RADIO/X-RAY MODE SWITCHING OF PSR B0943+10. Astrophysical Journal, 2016, 831, 21.	4.5	40
117	The outburst decay of the low magnetic field magnetar SWIFTÂJ1822.3âˆ’1606: phase-resolved analysis and evidence for a variable cyclotron feature. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4145-4155.	4.4	40
118	Spectral monitoring of RX J1856.5-3754 withXMM-Newton. Astronomy and Astrophysics, 2012, 541, A66.	5.1	39
119	Magnetic Fields of Neutron Stars in X-Ray Binaries. Space Science Reviews, 2015, 191, 293-314.	8.1	38
120	A universal relation for the propeller mechanisms in magnetic rotating stars at different scales. Astronomy and Astrophysics, 2018, 610, A46.	5.1	38
121	Discovery with the Sigma telescope of hard X-rays from the globular cluster Terzan 2. Astrophysical Journal, 1991, 379, L21.	4.5	38
122	The anomalous Xâ€“ray pulsar 1EÂ1048.1â€“5937: Phase resolved spectroscopy with the XMM-Newton satellite. Astronomy and Astrophysics, 2002, 383, 182-187.	5.1	37
123	XMM-Newton Observations of CXOU J010043.1-721134: The First Deep Look at the Soft X-Ray Emission of a Magnetar. Astrophysical Journal, 2008, 680, L133-L136.	4.5	36
124	Gamma-Ray Localization of Terrestrial Gamma-Ray Flashes. Physical Review Letters, 2010, 105, 128501.	7.8	36
125	A Very Young Radio-loud Magnetar. Astrophysical Journal Letters, 2020, 896, L30.	8.3	36
126	SGRâ€‰1806-20â€€about two years after the giant flare:Suzaku,XMM-Newtonâ€€andINTEGRALâ€€observations. Astronomy and Astrophysics, 2007, 476, 321-330.	5.1	35

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127	A catalogue of soft X-ray sources in the galactic center region. Astronomy and Astrophysics, 2001, 368, 835-844.	5.1	34
128	SUZAKU OBSERVATION OF THE NEW SOFT GAMMA REPEATER SGR 0501+4516 IN OUTBURST. Astrophysical Journal, 2009, 693, L122-L126.	4.5	34
129	First detection of the Crab Nebula at TeV energies with a Cherenkov telescope in a dual-mirror Schwarzschild-Couder configuration: the ASTRI-Horn telescope. Astronomy and Astrophysics, 2020, 634, A22.	5.1	34
130	The Xâ€Ray Source at the Center of the Cassiopeia A Supernova Remnant. Astrophysical Journal, 2002, 569, 275-279.	4.5	34
131	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
132	Detection of Gamma-Ray Emission from the Vela Pulsar Wind Nebula with AGILE. Science, 2010, 327, 663-665.	12.6	33
133	Pulsars and Magnetars. Brazilian Journal of Physics, 2013, 43, 356-368.	1.4	33
134	The extended X-ray halo of the Crab-like SNR G21.5-0.9. Astronomy and Astrophysics, 2001, 365, L248-L253.	5.1	33
135	High-resolution optical imaging of the Large Magellanic Cloud plerion 0540 - 69. Astrophysical Journal, 1992, 395, L103.	4.5	33
136	XMM-NewtonÂobservation of the Be/neutron star system RXÂJ0146.9+6121: a soft X-ray excess in a low luminosity accreting pulsar. Astronomy and Astrophysics, 2006, 455, 283-289.	5.1	32
137	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
138	A faint optical flash in dust-obscured GRB 080603A: implications for GRB prompt emission mechanisms. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2124-2143.	4.4	32
139	XMM-Newton observations of the Soft Gamma Ray Repeater SGRÂ1627-41 in a low luminosity state. Astronomy and Astrophysics, 2006, 450, 759-762.	5.1	32
140	The THESEUS space mission: science goals, requirements and mission concept. Experimental Astronomy, 2021, 52, 183-218.	3.7	32
141	The Discovery of Quiescent X-Ray Emission from SAX J1808.4â^'3658, the Transient 2.5 Millisecond Pulsar. Astrophysical Journal, 2000, 537, L115-L118.	4.5	31
142	A First Look with Chandra at SGR 1806-20 after the Giant Flare: Significant Spectral Softening and Rapid Flux Decay. Astrophysical Journal, 2005, 627, L133-L136.	4.5	31
143	AGILE Detection of a Candidate Gamma-Ray Precursor to the ICECUBE-160731 Neutrino Event. Astrophysical Journal, 2017, 846, 121.	4.5	31
144	Dust-scattered X-ray halos around gamma-ray bursts: GRBÂ031203 revisited and the new case of GRBÂ050713A. Astronomy and Astrophysics, 2006, 449, 203-209.	5.1	31

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145	A Spin-down Variation in the 6 Second X-Ray Pulsar 1E 1048.1-5937. Astrophysical Journal, 1995, 455, 598.	4.5	31
146	Simbol-X: mission overview. , 2006, , .		30
147	XMM-Newtonâ€€observation of the persistent Be/neutron star system X Perseiâ€€at a high-luminosity level. Astronomy and Astrophysics, 2007, 474, 137-143.	5.1	30
148	XMM-NEWTON DISCOVERY OF 2.6 s PULSATIONS IN THE SOFT GAMMA-RAY REPEATER SGR 1627â€“41. Astrophysical Journal, 2009, 690, L105-L109.	4.5	30
149	The updated spectral catalogue of INTEGRAL gamma-ray bursts. Astronomy and Astrophysics, 2009, 495, 1005-1032.	5.1	29
150	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
151	The XMM-Newton view of supergiant fast X-ray transients: the case of IGRâ€ƒJ16418â˜’4532. Monthly Notices of the Royal Astronomical Society, 2012, 420, 554-561.	4.4	29
152	Accessing the population of high-redshift Gamma Ray Bursts. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2514-2524.	4.4	29
153	The 2001 April Burst Activation of SGR 1900+14: Xâ€Ray Afterglow Emission. Astrophysical Journal, 2003, 596, 470-476.	4.5	28
154	Late evolution of the X-ray afterglow of GRB 030329. Astronomy and Astrophysics, 2004, 423, 861-865.	5.1	28
155	The AGILE on-board Kalman filter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 568, 692-699.	1.6	28
156	Adaptive optics, near-infrared observations of magnetars. Astronomy and Astrophysics, 2008, 482, 607-615.	5.1	28
157	Chandra monitoring of the Galactic Centre magnetar SGRÂJ1745â˜’2900 during the initial 3.5Âyears of outburst decay. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1819-1829.	4.4	28
158	The X-ray spectrum of the bursting atoll source 4UÂ1728-34 observed with INTEGRAL. Astronomy and Astrophysics, 2006, 458, 21-29.	5.1	27
159	Quiet but still bright: XMMâ€”Newton observations of the soft gamma-ray repeater SGR0526â€”66. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 399, L74-L78.	3.3	27
160	Early X-ray and optical observations of the soft gamma-ray repeater SGRâ€ƒ0418+5729. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	27
161	A new super-soft X-ray source in the Small Magellanic Cloud: Discovery of the first Be/white dwarf system in the SMC?. Astronomy and Astrophysics, 2012, 537, A76.	5.1	27
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