

Simonetta Puccetti

List of Publications by Year in descending order

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110
papers

10,010
citations

36303

51
h-index

33894

99
g-index

111
all docs

111
docs citations

111
times ranked

6384
citing authors

#	ARTICLE	IF	CITATIONS
1	The IXPE instrument calibration equipment. <i>Astroparticle Physics</i> , 2022, 136, 102658.	4.3	16
2	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
3	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
4	In Vacuo Dispersion-Like Spectral Lags in Gamma-Ray Bursts. <i>Symmetry</i> , 2021, 13, 541.	2.2	4
5	Design, construction, and test of the Gas Pixel Detectors for the IXPE mission. <i>Astroparticle Physics</i> , 2021, 133, 102628.	4.3	67
6	High Energy Modular Ensemble of Satellites Mission: Towards the final Full Constellation. <i>Acta Astronautica</i> , 2021, 189, 129-142.	3.2	4
7	The Instrument of the Imaging X-Ray Polarimetry Explorer. <i>Astronomical Journal</i> , 2021, 162, 208.	4.7	68
8	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April [*] . <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 29.	7.7	25
9	Triggering nuclear and galaxy activity in the Bullet cluster. <i>Astronomy and Astrophysics</i> , 2020, 634, A137.	5.1	1
10	Probing the circumnuclear absorbing medium of the buried AGN in NGC 1068 through <i>NuSTAR</i> observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 3872-3884.	4.4	21
11	Simultaneous observations of the blazar PKS 2155 ⁺ 304 from ultra-violet to TeV energies. <i>Astronomy and Astrophysics</i> , 2020, 639, A42.	5.1	7
12	The XMM deep survey in the CDFS. <i>Astronomy and Astrophysics</i> , 2020, 639, A51.	5.1	11
13	Open Universe survey of <i>Swift</i> -XRT GRB fields: Flux-limited sample of HBL blazars. <i>Astronomy and Astrophysics</i> , 2020, 642, A141.	5.1	4
14	The Imaging X-ray Polarimetry Explorer (IXPE): technical overview III. , 2020, , .		9
15	HERMES: An ultra-wide band X and gamma-ray transient monitor on board a nano-satellite constellation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 936, 199-203.	1.6	36
16	The Imaging X-Ray Polarimetry Explorer (IXPE): technical overview II. , 2019, , .		8
17	Space Densities and Emissivities of Active Galactic Nuclei at $z \gtrsim 4$. <i>Astrophysical Journal</i> , 2019, 884, 19.	4.5	64
18	The NuSTAR Extragalactic Surveys: X-Ray Spectroscopic Analysis of the Bright Hard-band Selected Sample. <i>Astrophysical Journal</i> , 2018, 854, 33.	4.5	33

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19	The Bright γ -ray Flare of 3C 279 in 2015 June: AGILE Detection and Multifrequency Follow-up Observations. <i>Astrophysical Journal</i> , 2018, 856, 99.	4.5	20
20	The NuSTAR Extragalactic Surveys: Source Catalog and the Compton-thick Fraction in the UDS Field. <i>Astrophysical Journal</i> , Supplement Series, 2018, 235, 17.	7.7	23
21	An accreting pulsar with extreme properties drives an ultraluminous x-ray source in NGC 5907. <i>Science</i> , 2017, 355, 817-819.	12.6	321
22	The NuSTAR Hard X-Ray Survey of the Norma Arm Region. <i>Astrophysical Journal</i> , Supplement Series, 2017, 229, 33.	7.7	15
23	THE DISTRIBUTION OF RADIOACTIVE ^{44}Ti IN CASSIOPEIA A. <i>Astrophysical Journal</i> , 2017, 834, 19.	4.5	87
24	The NuSTAR Extragalactic Survey: Average Broadband X-Ray Spectral Properties of the NuSTAR-detected AGNs. <i>Astrophysical Journal</i> , 2017, 849, 57.	4.5	18
25	The weak Fe fluorescence line and long-term X-ray evolution of the Compton-thick active galactic nucleus in NGC 7674. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4606-4621.	4.4	26
26	The Phoenix galaxy as seen by NuSTAR. <i>Astronomy and Astrophysics</i> , 2017, 597, A100.	5.1	6
27	The active nucleus of the ULIRG IRAS F00183-7111 viewed by NuSTAR. <i>Astronomy and Astrophysics</i> , 2017, 606, A117.	5.1	4
28	NuSTAR reveals the extreme properties of the super-Eddington accreting supermassive black hole in PG 1247+267. <i>Astronomy and Astrophysics</i> , 2016, 590, A77.	5.1	26
29	FIRST NuSTAR OBSERVATIONS OF THE BL LAC-TYPE BLAZAR PKS 2155-304: CONSTRAINTS ON THE JET CONTENT AND DISTRIBUTION OF RADIATING PARTICLES. <i>Astrophysical Journal</i> , 2016, 831, 142.	4.5	33
30	Galactic outflow driven by the active nucleus and the origin of the gamma-ray emission in NGC 1068. <i>Astronomy and Astrophysics</i> , 2016, 596, A68.	5.1	35
31	NuSTAR HARD X-RAY SURVEY OF THE GALACTIC CENTER REGION. II. X-RAY POINT SOURCES. <i>Astrophysical Journal</i> , 2016, 825, 132.	4.5	48
32	Hard X-ray emission of the luminous infrared galaxy NGC 6240 as observed by NuSTAR. <i>Astronomy and Astrophysics</i> , 2016, 585, A157.	5.1	39
33	NuSTAR observations of water megamaser AGN. <i>Astronomy and Astrophysics</i> , 2016, 589, A59.	5.1	61
34	THE NuSTAR EXTRAGALACTIC SURVEYS: THE NUMBER COUNTS OF ACTIVE GALACTIC NUCLEI AND THE RESOLVED FRACTION OF THE COSMIC X-RAY BACKGROUND. <i>Astrophysical Journal</i> , 2016, 831, 185.	4.5	63
35	MULTIWAVELENGTH STUDY OF QUIESCENT STATES OF Mrk 421 WITH UNPRECEDENTED HARD X-RAY COVERAGE PROVIDED BY NuSTAR IN 2013. <i>Astrophysical Journal</i> , 2016, 819, 156.	4.5	90
36	NuSTAR catches the unveiling nucleus of NGC 1068. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 456, L94-L98.	3.3	85

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37	THE CHANDRA COSMOS LEGACY SURVEY: OVERVIEW AND POINT SOURCE CATALOG. <i>Astrophysical Journal</i> , 2016, 819, 62.	4.5	348
38	<i>NuSTAR</i> REVEALS EXTREME ABSORPTION IN <i>z</i> <i>< 0.5</i> TYPE 2 QUASARS. <i>Astrophysical Journal</i> , 2015, 809, 115.	4.5	62
39	BROADBAND OBSERVATIONS OF THE COMPTON-THICK NUCLEUS OF NGC 3393. <i>Astrophysical Journal</i> , 2015, 807, 149.	4.5	58
40	<i>NuSTAR</i> SPECTROSCOPY OF MULTI-COMPONENT X-RAY REFLECTION FROM NGC 1068. <i>Astrophysical Journal</i> , 2015, 812, 116.	4.5	117
41	<i>NuSTAR</i> OBSERVATIONS OF THE COMPTON-THICK ACTIVE GALACTIC NUCLEUS AND ULTRALUMINOUS X-RAY SOURCE CANDIDATE IN NGC 5643. <i>Astrophysical Journal</i> , 2015, 815, 36.	4.5	56
42	<i>NuSTAR</i> HARD X-RAY SURVEY OF THE GALACTIC CENTER REGION. I. HARD X-RAY MORPHOLOGY AND SPECTROSCOPY OF THE DIFFUSE EMISSION. <i>Astrophysical Journal</i> , 2015, 814, 94.	4.5	42
43	THE <i>NuSTAR</i> EXTRAGALACTIC SURVEY: FIRST DIRECT MEASUREMENTS OF THE ~ 310 keV X-RAY LUMINOSITY FUNCTION FOR ACTIVE GALACTIC NUCLEI AT <i>z</i> <i>> 0.1. <i>Astrophysical Journal</i> , 2015, 815, 66.	4.5	50
44	CALIBRATION OF THE <i>NuSTAR</i> HIGH-ENERGY FOCUSING X-RAY TELESCOPE. <i>Astrophysical Journal</i> , Supplement Series, 2015, 220, 8.	7.7	244
45	THE <i>NuSTAR</i> EXTRAGALACTIC SURVEYS: OVERVIEW AND CATALOG FROM THE COSMOS FIELD. <i>Astrophysical Journal</i> , 2015, 808, 185.	4.5	56
46	THE <i>NuSTAR</i> EXTRAGALACTIC SURVEYS: INITIAL RESULTS AND CATALOG FROM THE EXTENDED <i>CHANDRA</i> DEEP FIELD SOUTH. <i>Astrophysical Journal</i> , 2015, 808, 184.	4.5	35
47	The Seyfert 2 galaxy NGC 2110: hard X-ray emission observed by NuSTAR and variability of the iron $K\alpha$ line. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 160-167.	4.4	30
48	DETERMINING THE COVERING FACTOR OF COMPTON-THICK ACTIVE GALACTIC NUCLEI WITH <i>NuSTAR</i>. <i>Astrophysical Journal</i> , 2015, 805, 41.	4.5	63
49	⁴⁴ Ti gamma-ray emission lines from SN1987A reveal an asymmetric explosion. <i>Science</i> , 2015, 348, 670-671.	12.6	105
50	<i>NuSTAR</i> AND MULTIFREQUENCY STUDY OF THE TWO HIGH-REDSHIFT BLAZARS S5 0836+710 AND PKS 2149+306. <i>Astrophysical Journal</i> , 2015, 807, 167.	4.5	22
51	DETAILED SHAPE AND EVOLUTIONARY BEHAVIOR OF THE X-RAY LUMINOSITY FUNCTION OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2015, 804, 104.	4.5	86
52	RAPID VARIABILITY OF BLAZAR 3C 279 DURING FLARING STATES IN 2013-2014 WITH JOINT <i>FERMI</i>-LAT, <i>NuSTAR</i>, <i>SWIFT</i>, AND GROUND-BASED MULTI-WAVELENGTH OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 807, 79.	4.5	151
53	The multi-phase winds of Markarian 231: from the hot, nuclear, ultra-fast wind to the galaxy-scale, molecular outflow. <i>Astronomy and Astrophysics</i> , 2015, 583, A99.	5.1	218
54	Time delays between <i>Fermi</i>-LAT and GBM light curves of gamma-ray bursts. <i>Astronomy and Astrophysics</i> , 2014, 565, A60.	5.1	8

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55	Quantum-Spacetime Scenarios and Soft Spectral Lags of the Remarkable GRB130427A. <i>Advances in High Energy Physics</i> , 2014, 2014, 1-16.	1.1	12
56	NuSTAR J033202+2746.8: DIRECT CONSTRAINTS ON THE COMPTON REFLECTION IN A HEAVILY OBSCURED QUASAR AT $z \approx 2$. <i>Astrophysical Journal</i> , 2014, 786, 16.	4.5	29
57	WEAK HARD X-RAY EMISSION FROM BROAD ABSORPTION LINE QUASARS: EVIDENCE FOR INTRINSIC X-RAY WEAKNESS. <i>Astrophysical Journal</i> , 2014, 794, 70.	4.5	79
58	THE NuSTAR VIEW OF NEARBY COMPTON-THICK ACTIVE GALACTIC NUCLEI: THE CASES OF NGC 424, NGC 1320, AND IC 2560. <i>Astrophysical Journal</i> , 2014, 794, 111.	4.5	90
59	THE 2-79 keV X-RAY SPECTRUM OF THE CIRCINUS GALAXY WITH NuSTAR, XMM-Newton, AND CHANDRA: A FULLY COMPTON-THICK ACTIVE GALACTIC NUCLEUS. <i>Astrophysical Journal</i> , 2014, 791, 81.	4.5	109
60	NuSTAR UNVEILS A COMPTON-THICK TYPE 2 QUASAR IN MrK 34. <i>Astrophysical Journal</i> , 2014, 792, 117.	4.5	66
61	THE VARIABLE HARD X-RAY EMISSION OF NGC 4945 AS OBSERVED BY NuSTAR. <i>Astrophysical Journal</i> , 2014, 793, 26.	4.5	66
62	Asymmetries in core-collapse supernovae from maps of radioactive ^{44}Ti in Cassiopeia. <i>Nature</i> , 2014, 506, 339-342.	27.8	208
63	THE NuSTAR EXTRAGALACTIC SURVEY: A FIRST SENSITIVE LOOK AT THE HIGH-ENERGY COSMIC X-RAY BACKGROUND POPULATION. <i>Astrophysical Journal</i> , 2013, 773, 125.	4.5	73
64	NuSTAR DETECTION OF THE BLAZAR B2 1023+25 AT REDSHIFT 5.3. <i>Astrophysical Journal</i> , 2013, 777, 147.	4.5	32
65	THE NUCLEAR SPECTROSCOPIC TELESCOPE ARRAY (NuSTAR) HIGH-ENERGY X-RAY MISSION. <i>Astrophysical Journal</i> , 2013, 770, 103.	4.5	1,627
66	The XMM deep survey in the CDF-S. <i>Astronomy and Astrophysics</i> , 2013, 555, A42.	5.1	54
67	First Results from NuSTAR Observations of Mkn 421. <i>EPJ Web of Conferences</i> , 2013, 61, 04013.	0.3	4
68	The seven year Swift-XRT point source catalog (1SWXRT). <i>Astronomy and Astrophysics</i> , 2013, 551, A142.	5.1	52
69	THE CHANDRA COSMOS SURVEY. III. OPTICAL AND INFRARED IDENTIFICATION OF X-RAY POINT SOURCES. <i>Astrophysical Journal, Supplement Series</i> , 2012, 201, 30.	7.7	200
70	Demography of High-Redshift AGN. <i>Advances in Astronomy</i> , 2012, 2012, 1-7.	1.1	5
71	Faint high-redshift AGN in the Chandra deep field south: the evolution of the AGN luminosity function and black hole demography. <i>Astronomy and Astrophysics</i> , 2012, 537, A16.	5.1	136
72	Polarization studies with NuSTAR. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1

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73	Bolometric luminosities and Eddington ratios of X-ray selected active galactic nuclei in the <i>XMM</i> -COSMOS survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 623-640.	4.4	315
74	THE POPULATION OF HIGH-REDSHIFT ACTIVE GALACTIC NUCLEI IN THE <i>CHANDRA</i> -COSMOS SURVEY. <i>Astrophysical Journal</i> , 2011, 741, 91.	4.5	76
75	The Swift serendipitous survey in deep XRT GRB fields (SwiftFT). <i>Astronomy and Astrophysics</i> , 2011, 528, A122.	5.1	31
76	DISSECTING PHOTOMETRIC REDSHIFT FOR ACTIVE GALACTIC NUCLEUS USING <i>XMM</i> -AND <i>CHANDRA</i> -COSMOS SAMPLES. <i>Astrophysical Journal</i> , 2011, 742, 61.	4.5	205
77	The <i>XMM</i> Deep survey in the CDF-S. <i>Astronomy and Astrophysics</i> , 2011, 526, L9.	5.1	119
78	The Nuclear Spectroscopic Telescope Array (NuSTAR). <i>Proceedings of SPIE</i> , 2010, , .	0.8	66
79	A RUNAWAY BLACK HOLE IN COSMOS: GRAVITATIONAL WAVE OR SLINGSHOT RECOIL?. <i>Astrophysical Journal</i> , 2010, 717, 209-222.	4.5	101
80	Ultraluminous X-ray sources out to $z \sim 0.3$ in the COSMOS field. <i>Astronomy and Astrophysics</i> , 2010, 514, A85.	5.1	15
81	THE SPECTRAL ENERGY DISTRIBUTION OF <i>FERMI</i> BRIGHT BLAZARS. <i>Astrophysical Journal</i> , 2010, 716, 30-70.	4.5	741
82	SPECTROSCOPIC IDENTIFICATIONS OF <i>SPITZER</i> SOURCES IN THE SWIRE/ <i>XMM</i> -NEWTON/ <i>ELAIS-S1</i> FIELD: A LARGE FRACTION OF ACTIVE GALACTIC NUCLEI WITH HIGH $F(24 \frac{1}{4} \mu\text{m})/F(R)$ RATIO. <i>Astrophysical Journal</i> , 2009, 703, 1778-1790.	4.5	19
83	The <i>XMM</i> -Newton wide-field survey in the COSMOS field. <i>Astronomy and Astrophysics</i> , 2009, 497, 635-648.	5.1	230
84	Simbol-X Core Science in a Context. , 2009, , .		0
85	The Galactic Center View with Simbol-X. , 2009, , .		0
86	A Simbol-X Event Simulator. , 2009, , .		0
87	THE <i>CHANDRA</i> SURVEY OF THE COSMOS FIELD. II. SOURCE DETECTION AND PHOTOMETRY. <i>Astrophysical Journal</i> , Supplement Series, 2009, 185, 586-601.	7.7	62
88	CHASING HIGHLY OBSCURED QSOs IN THE COSMOS FIELD. <i>Astrophysical Journal</i> , 2009, 693, 447-462.	4.5	191
89	THE <i>CHANDRA</i> COSMOS SURVEY. I. OVERVIEW AND POINT SOURCE CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2009, 184, 158-171.	7.7	361
90	Unveiling Obscured Accretion in the Chandra Deep Field "South". <i>Astrophysical Journal</i> , 2008, 672, 94-101.	4.5	210

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91	The Blast Wave Model for AGN Feedback: Effects on AGN Obscuration. <i>Astrophysical Journal</i> , 2008, 686, 219-229.	4.5	149
92	The XMM-Newton survey of the ELAIS-S1 field. <i>Astronomy and Astrophysics</i> , 2008, 488, 417-428.	5.1	19
93	Variability-selected active galactic nuclei from supernova search in the Chandra deep field south. <i>Astronomy and Astrophysics</i> , 2008, 488, 73-81.	5.1	29
94	Blazar surveys with WMAP and Swift. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
95	The XMM-Newton Wide-Field Survey in the COSMOS Field. V. Angular Clustering of the X-Ray Point Sources. <i>Astrophysical Journal, Supplement Series</i> , 2007, 172, 396-405.	7.7	49
96	The HELLAS2XMM survey. <i>Astronomy and Astrophysics</i> , 2007, 476, 1223-1233.	5.1	43
97	The XMM-Newton view of IRAS 09104+4109: evidence for a changing-look Type 2 quasar?. <i>Astronomy and Astrophysics</i> , 2007, 473, 85-89.	5.1	22
98	AGN counts at $15\mu\text{m}$. <i>Astronomy and Astrophysics</i> , 2007, 472, 797-803.	5.1	3
99	The variable X-ray light curve of GRB 050713A: the case of a refreshed shock. <i>Astronomy and Astrophysics</i> , 2007, 461, 95-101.	5.1	19
100	Rapid NH changes in NGC 4151. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 607-616.	4.4	93
101	The HELLAS2XMM survey. <i>Astronomy and Astrophysics</i> , 2007, 466, 31-40.	5.1	39
102	An X-ray survey in SA 57 with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2007, 469, 1211-1219.	5.1	5
103	The XMM-Newton survey of the ELAIS-S1 field. <i>Astronomy and Astrophysics</i> , 2006, 457, 501-515.	5.1	61
104	The HELLAS2XMM survey. <i>Astronomy and Astrophysics</i> , 2006, 445, 457-463.	5.1	19
105	The ESO-Spitzer Imaging extragalactic Survey (ESIS). <i>Astronomy and Astrophysics</i> , 2006, 451, 881-900.	5.1	43
106	The HELLAS2XMM Survey. VII. The Hard X-Ray Luminosity Function of AGNs up to $z=4$: More Absorbed AGNs at Low Luminosities and High Redshifts. <i>Astrophysical Journal</i> , 2005, 635, 864-879.	4.5	342
107	Rapid NH changes in NGC 4151. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004, 132, 225-228.	0.4	11
108	An Unveiling Event in the Type 2 Active Galactic Nucleus NGC 4388: A Challenge for a Parsec-Scale Absorber. <i>Astrophysical Journal</i> , 2004, 615, L25-L28.	4.5	129

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109	The HELLAS2XMM survey. <i>Astronomy and Astrophysics</i> , 2004, 418, 827-840.	5.1	58
110	The HELLAS2XMM survey. <i>Astronomy and Astrophysics</i> , 2004, 421, 491-501.	5.1	90