

# Piero Ranalli

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54  
papers

6,840  
citations

30  
h-index

56  
g-index

56  
ext. papers

8,076  
ext. citations

4.5  
avg, IF

4.09  
L-index

#	Paper	IF	Citations
54	TheGaia mission. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A1	5.1	2933
53	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A2	5.1	1364
52	THECHANDRACOSMOS LEGACY SURVEY: OVERVIEW AND POINT SOURCE CATALOG. <i>Astrophysical Journal</i> , <b>2016</b> , 819, 62	4.7	269
51	THE CHANDRA DEEP FIELD-SOUTH SURVEY: 7 MS SOURCE CATALOGS. <i>Astrophysical Journal, Supplement Series</i> , <b>2017</b> , 228, 2	8	230
50	THECHANDRA COSMOS LEGACY SURVEY: OPTICAL/IR IDENTIFICATIONS. <i>Astrophysical Journal</i> , <b>2016</b> , 817, 34	4.7	184
49	The XXL Survey. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 592, A1	5.1	153
48	THE EVOLUTION OF NORMAL GALAXY X-RAY EMISSION THROUGH COSMIC HISTORY: CONSTRAINTS FROM THE 6 MSCHANDRADEEP FIELD-SOUTH. <i>Astrophysical Journal</i> , <b>2016</b> , 825, 7	4.7	122
47	TheXMMDeep survey in the CDF-S. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 526, L9	5.1	114
46	GOODS-Herschel: ultra-deepXMM-Newton observations reveal AGN/star-formation connection. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 546, A58	5.1	82
45	The X-Ray derived Cosmological Star Formation History and the Galaxy X-Ray Luminosity Functions in the Chandra Deep Fields North and South. <i>Astrophysical Journal</i> , <b>2004</b> , 607, 721-738	4.7	74
44	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 601, A19	5.1	71
43	Compton thick AGN in the XMM-COSMOS survey. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 573, A137	5.1	70
42	High-redshift AGN in the Chandra Deep Fields: the obscured fraction and space density of the sub-L* population. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 2378-2406	4.3	68
41	THECHANDRA COSMOS-LEGACY SURVEY: SOURCE X-RAY SPECTRAL PROPERTIES. <i>Astrophysical Journal</i> , <b>2016</b> , 830, 100	4.7	67
40	A deep X-ray observation of M82 with XMM-Newton. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2008</b> , 386, 1464-1480	4.3	65
39	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 605, A79	5.1	64
38	The deepest X-ray view of high-redshift galaxies: constraints on low-rate black hole accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 463, 348-374	4.3	55

37	THE 31 DEG <sup>2</sup> RELEASE OF THE STRIPE 82 X-RAY SURVEY: THE POINT SOURCE CATALOG. <i>Astrophysical Journal</i> , <b>2016</b> , 817, 172	4-7	54
36	The XMM deep survey in the CDF-S. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 555, A43	5-1	53
35	The XMM deep survey in the CDF-S. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 555, A42	5-1	50
34	A variable Quasi-Periodic Oscillation in M82 X-1. Timing and spectral analysis of XMM-Newton and RossiXTE observations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2005</b> , 365, 1123-1130	4-3	49
33	Stellar and Gaseous Abundances in M82. <i>Astrophysical Journal</i> , <b>2004</b> , 606, 862-868	4-7	47
32	Finding rare AGN: XMM-Newton and Chandra observations of SDSS Stripe 82. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 436, 3581-3601	4-3	46
31	SUZAKU OBSERVATIONS OF HARD X-RAY-SELECTED SEYFERT 2 GALAXIES. <i>Astrophysical Journal</i> , <b>2010</b> , 717, 787-794	4-7	39
30	The nature of the unresolved extragalactic cosmic soft X-ray background. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 427, 651-663	4-3	38
29	The XMM deep survey in the CDF-S. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 546, A84	5-1	38
28	X-Ray Spectral Study of the Extended Emission, the Cap, Located 11.6 kpc above the Disk of M82. <i>Publication of the Astronomical Society of Japan</i> , <b>2007</b> , 59, S269-S282	3-2	36
27	Ultra-deep catalog of X-ray groups in the Extended Chandra Deep Field South. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, A130	5-1	35
26	The X-ray luminosity function and number counts of spiral galaxies. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 440, 23-37	5-1	32
25	The XXL Survey. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 592, A5	5-1	30
24	A new, faint population of X-ray transients. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 467, 4841-4857	4-3	29
23	Compton-thick AGN in the 70-month Swift-BAT All-Sky Hard X-ray Survey: A Bayesian approach. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 594, A73	5-1	27
22	NuSTAR J033202-2746.8: DIRECT CONSTRAINTS ON THE COMPTON REFLECTION IN A HEAVILY OBSCURED QUASAR AT $z \approx 2$ . <i>Astrophysical Journal</i> , <b>2014</b> , 786, 16	4-7	26
21	On the $L_{\text{X}}/L_{\text{6}}$ ratio as a diagnostic for Compton-thick AGN. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 534, A23	5-1	25
20	The 5-10 keV AGN luminosity function at 0.01 $\mu$ . <i>Astronomy and Astrophysics</i> , <b>2016</b> , 587, A142	5-1	25

19	The XMM deep survey in the CDF-S. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 583, A141	5.1	21
18	The 200 keV unabsorbed luminosity function of AGN from the LSS, CDFS, and COSMOS surveys. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 590, A80	5.1	19
17	Astrometry and exoplanets in the Gaia era: a Bayesian approach to detection and parameter recovery. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 614, A30	5.1	17
16	Evolution of the X-ray luminosity in young H II galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2009</b> , 399, 487-496	4.3	16
15	Suzaku reveals X-ray continuum piercing the nuclear absorber in Markarian 231. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 428, 1185-1190	4.3	15
14	The XMM Deep survey in the CDF-S. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 555, A79	5.1	14
13	Searching for highly obscured AGNs in the XMM-Newton serendipitous source catalog. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 569, A71	5.1	14
12	The XMM-Newton survey in the H-ATLAS field. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 577, A121	5.1	13
11	X-ray observations of dust obscured galaxies in the Chandra deep field south. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 592, A109	5.1	11
10	X-ray properties of radio-selected star forming galaxies in the Chandra-COSMOS survey. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 542, A16	5.1	11
9	The XMM deep survey in the CDF-S. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 556, A114	5.1	11
8	The XMM Deep Survey in the CDF-S. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 574, A49	5.1	5
7	The XMM spectral catalog of SDSS optically selected Seyfert 2 galaxies. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A3	5.1	4
6	The XMM deep survey in the CDF-S. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 608, A32	5.1	3
5	X-ray gaseous emission in star forming galaxies <b>2010</b> ,		1
4	The faintest star forming galaxies. <i>Astronomische Nachrichten</i> , <b>2003</b> , 324, 143-143	0.7	1
3	Charge-exchange emission in the starburst galaxies M82 and NGC3256. <i>Astronomische Nachrichten</i> , <b>2012</b> , 333, 369-372	0.7	0
2	The XMM deep survey in the Chandra Deep Field South. <i>Astronomische Nachrichten</i> , <b>2017</b> , 338, 311-315	0.7	

- 1 The Large-scale Structure in the Chandra Deep Field South. *Proceedings of the International Astronomical Union*, **2010**, 6, 333-336 0.1