

# Chiara Feruglio

## List of Publications by Year in descending order

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96  
papers

7,849  
citations

61857

43  
h-index

48187

88  
g-index

96  
all docs

96  
docs citations

96  
times ranked

3691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Massive molecular outflows and evidence for AGN feedback from CO observations. <i>Astronomy and Astrophysics</i> , 2014, 562, A21.	2.1	667
2	COMBINED CO AND DUST SCALING RELATIONS OF DEPLETION TIME AND MOLECULAR GAS FRACTIONS WITH COSMIC TIME, SPECIFIC STAR-FORMATION RATE, AND STELLAR MASS. <i>Astrophysical Journal</i> , 2015, 800, 20.	1.6	482
3	PHIBSS: Unified Scaling Relations of Gas Depletion Time and Molecular Gas Fractions*. <i>Astrophysical Journal</i> , 2018, 853, 179.	1.6	467
4	Quasar feedback revealed by giant molecular outflows. <i>Astronomy and Astrophysics</i> , 2010, 518, L155.	2.1	461
5	AGN wind scaling relations and the co-evolution of black holes and galaxies. <i>Astronomy and Astrophysics</i> , 2017, 601, A143.	2.1	349
6	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.	1.6	342
7	Evidence of strong quasar feedback in the early Universe. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 425, L66-L70.	1.2	312
8	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.	2.1	218
9	Unveiling Obscured Accretion in the Chandra Deep Field "South". <i>Astrophysical Journal</i> , 2008, 672, 94-101.	1.6	210
10	DEEP SPITZER 24 $\mu$ m COSMOS IMAGING. I. THE EVOLUTION OF LUMINOUS DUSTY GALAXIES - CONFRONTING THE MODELS. <i>Astrophysical Journal</i> , 2009, 703, 222-239.	1.6	207
11	CHASING HIGHLY OBSCURED QSOs IN THE COSMOS FIELD. <i>Astrophysical Journal</i> , 2009, 693, 447-462.	1.6	191
12	BLOWING IN THE WIND: BOTH "NEGATIVE" AND "POSITIVE" FEEDBACK IN AN OBSCURED HIGH- $z$ QUASAR. <i>Astrophysical Journal</i> , 2015, 799, 82.	1.6	175
13	Very extended cold gas, star formation and outflows in the halo of a bright quasar at $z > 6$ . <i>Astronomy and Astrophysics</i> , 2015, 574, A14.	2.1	169
14	Ionised outflows in $z \sim 2.4$ quasar host galaxies. <i>Astronomy and Astrophysics</i> , 2015, 580, A102.	2.1	161
15	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.	2.1	136
16	The WISSH quasars project. <i>Astronomy and Astrophysics</i> , 2017, 598, A122.	2.1	133
17	The physics and the structure of the quasar-driven outflow in Mrk 231. <i>Astronomy and Astrophysics</i> , 2012, 543, A99.	2.1	127
18	The rapid assembly of an elliptical galaxy of 400 billion solar masses at a redshift of 2.3. <i>Nature</i> , 2013, 498, 338-341.	13.7	119

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19	Fast outflows and star formation quenching in quasar host galaxies. <i>Astronomy and Astrophysics</i> , 2016, 591, A28.	2.1	116
20	The MAGNUM survey: positive feedback in the nuclear region of NGC 5643 suggested by MUSE. <i>Astronomy and Astrophysics</i> , 2015, 582, A63.	2.1	115
21	Millimeter imaging of submillimeter galaxies in the COSMOS field: redshift distribution. <i>Astronomy and Astrophysics</i> , 2012, 548, A4.	2.1	108
22	The MAGNUM survey: different gas properties in the outflowing and disc components in nearby active galaxies with MUSE. <i>Astronomy and Astrophysics</i> , 2019, 622, A146.	2.1	96
23	THE MOLECULAR GAS CONTENT OF $z = 3$ LYMAN BREAK GALAXIES: EVIDENCE OF A NON-EVOLVING GAS FRACTION IN MAIN-SEQUENCE GALAXIES AT $z > 2$ . <i>Astrophysical Journal Letters</i> , 2012, 758, L9.	3.0	90
24	The WISSH quasars project. <i>Astronomy and Astrophysics</i> , 2018, 617, A81.	2.1	86
25	Molecular outflows in local galaxies: Method comparison and a role of intermittent AGN driving. <i>Astronomy and Astrophysics</i> , 2020, 633, A134.	2.1	85
26	A HIGHER EFFICIENCY OF CONVERTING GAS TO STARS PUSHES GALAXIES AT $z \sim 1.6$ WELL ABOVE THE STAR-FORMING MAIN SEQUENCE. <i>Astrophysical Journal Letters</i> , 2015, 812, L23.	3.0	84
27	PHIBSS2: survey design and $z = 0.5 - 0.8$ results. <i>Astronomy and Astrophysics</i> , 2019, 622, A105.	2.1	77
28	MAGNUM survey: A MUSE- <i>Chandra</i> resolved view on ionized outflows and photoionization in the Seyfert galaxy NGC1365. <i>Astronomy and Astrophysics</i> , 2018, 619, A74.	2.1	75
29	Molecular outflow and feedback in the obscured quasar XID2028 revealed by ALMA. <i>Astronomy and Astrophysics</i> , 2018, 612, A29.	2.1	70
30	The XMM-Newton survey of the ELAIS-S1 field. <i>Astronomy and Astrophysics</i> , 2006, 457, 501-515.	2.1	61
31	Revealing X-ray obscured quasars in SWIRE sources with extreme mid-IR/optical flux ratios. <i>Astronomy and Astrophysics</i> , 2009, 498, 67-81.	2.1	61
32	SUPER. <i>Astronomy and Astrophysics</i> , 2020, 642, A147.	2.1	61
33	The WISSH quasars project. <i>Astronomy and Astrophysics</i> , 2017, 604, A67.	2.1	58
34	ALMA $[C\ i]_{3-1} \sim [C\ i]_{3-0}$ Observations of NGC 6240: A Puzzling Molecular Outflow, and the Role of Outflows in the Global $\pm CO$ Factor of (U)LIRGs. <i>Astrophysical Journal</i> , 2018, 863, 143.	1.6	57
35	Molecular and Ionized Gas Phases of an AGN-driven Outflow in a Typical Massive Galaxy at $z \sim 2$ . <i>Astrophysical Journal</i> , 2019, 871, 37.	1.6	56
36	On the discovery of fast molecular gas in the UFO/BAL quasar APM 08279+5255 at $z = 3.912$ . <i>Astronomy and Astrophysics</i> , 2017, 608, A30.	2.1	53

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37	The gentle monster PDS 456. <i>Astronomy and Astrophysics</i> , 2019, 628, A118.	2.1	53
38	Dust and gas in star-forming galaxies at $z \sim 3$ . <i>Astronomy and Astrophysics</i> , 2017, 603, A93.	2.1	49
39	The discovery of gas-rich, dusty starbursts in luminous reddened quasars at $z \sim 2.5$ with ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4390-4405.	1.6	48
40	ALMA observations of cold molecular gas in AGN hosts at $z \sim 1.5$ – evidence of AGN feedback?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4205-4215.	1.6	48
41	NGC 6240: extended CO structures and their association with shocked gas. <i>Astronomy and Astrophysics</i> , 2013, 549, A51.	2.1	48
42	ALMA suggests outflows in $z \sim 5.5$ galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1909-1917.	1.6	47
43	Quasar UV luminosity function evolution up to $z = 8$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1160-1169.	1.6	46
44	DISCOVERY OF STRONG IRON K $\alpha$ EMITTING COMPTON THICK QUASARS AT $z = 2.5$ AND 2.9. <i>Astrophysical Journal Letters</i> , 2011, 729, L4.	3.0	44
45	Witnessing Galaxy Assembly at the Edge of the Reionization Epoch*. <i>Astrophysical Journal Letters</i> , 2018, 863, L29.	3.0	43
46	Evidence for feedback in action from the molecular gas content in the $z \sim 1.6$ outflowing QSO XID2028. <i>Astronomy and Astrophysics</i> , 2015, 578, A11.	2.1	43
47	High resolution mapping of CO( $1 \rightarrow 0$ ) in NGC 6240. <i>Astronomy and Astrophysics</i> , 2013, 558, A87.	2.1	41
48	The WISSH quasars project. <i>Astronomy and Astrophysics</i> , 2021, 645, A33.	2.1	41
49	A DIRECT CONSTRAINT ON THE GAS CONTENT OF A MASSIVE, PASSIVELY EVOLVING ELLIPTICAL GALAXY AT $z = 1.43$ . <i>Astrophysical Journal Letters</i> , 2015, 806, L20.	3.0	40
50	The hidden quasar nucleus of a WISE-selected, hyperluminous, dust-obscured galaxy at $z \sim 2.3$ . <i>Astronomy and Astrophysics</i> , 2015, 574, L9.	2.1	39
51	The HELLAS2XMM survey. <i>Astronomy and Astrophysics</i> , 2007, 466, 31-40.	2.1	39
52	AGN feedback on molecular gas reservoirs in quasars at $z \sim 2.4$ . <i>Astronomy and Astrophysics</i> , 2017, 605, A105.	2.1	36
53	SUPER. <i>Astronomy and Astrophysics</i> , 2018, 620, A82.	2.1	36
54	Molecular gas content in obscured AGN at $z \sim 1$ . <i>Astronomy and Astrophysics</i> , 2018, 619, A90.	2.1	35

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55	The dense molecular gas in the $z \sim 6$ QSO SDSS J231038.88+185519.7 resolved by ALMA. <i>Astronomy and Astrophysics</i> , 2018, 619, A39.	2.1	34
56	(Sub)millimetre interferometric imaging of a sample of COSMOS/AzTEC submillimetre galaxies. <i>Astronomy and Astrophysics</i> , 2015, 577, A29.	2.1	33
57	Suppression of black-hole growth by strong outflows at redshifts $5.8 \leq z \leq 6.6$ . <i>Nature</i> , 2022, 605, 244-247.	13.7	33
58	The diverse cold molecular gas contents, morphologies, and kinematics of type-2 quasars as seen by ALMA. <i>Astronomy and Astrophysics</i> , 2022, 658, A155.	2.1	31
59	Mapping metals at high redshift with far-infrared lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1898-1909.	1.6	30
60	Multiphase Gas Flows in the Nearby Seyfert Galaxy ESO428-G014. Paper I. <i>Astrophysical Journal</i> , 2020, 890, 29.	1.6	29
61	Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. <i>Astrophysical Journal</i> , 2019, 883, 135.	1.6	27
62	The WISSH quasars project. <i>Astronomy and Astrophysics</i> , 2020, 635, A157.	2.1	25
63	SUPER. <i>Astronomy and Astrophysics</i> , 2021, 646, A96.	2.1	25
64	SUPER. <i>Astronomy and Astrophysics</i> , 2020, 644, A175.	2.1	25
65	On the nature of the absorber in IRAS F09104+4109: the X-ray and mid-infrared view. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 2068-2077.	1.6	24
66	Early Science with the Large Millimeter Telescope: An Energy-driven Wind Revealed by Massive Molecular and Fast X-Ray Outflows in the Seyfert Galaxy IRAS 17020+4544. <i>Astrophysical Journal Letters</i> , 2018, 867, L11.	3.0	24
67	Outflows in the Disks of Active Galaxies. <i>Astrophysical Journal</i> , 2019, 877, 74.	1.6	23
68	OBSCURED STAR FORMATION AND ENVIRONMENT IN THE COSMOS FIELD. <i>Astrophysical Journal</i> , 2010, 721, 607-614.	1.6	22
69	Passive galaxies as tracers of cluster environments at $z \sim 2$ . <i>Astronomy and Astrophysics</i> , 2015, 576, L6.	2.1	22
70	NuSTAR View of the Black Hole Wind in the Galaxy Merger IRAS F11119+3257. <i>Astrophysical Journal</i> , 2017, 850, 151.	1.6	22
71	In and out star formation in $z \sim 1.5$ quiescent galaxies from rest-frame UV spectroscopy and the far-infrared. <i>Astronomy and Astrophysics</i> , 2017, 599, A95.	2.1	21
72	X-ray spectroscopy of the $z \sim 6.4$ quasar SDSS J1148+5251. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 3590-3597.	1.6	21

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73	The WISSH quasars project. <i>Astronomy and Astrophysics</i> , 2020, 635, L5.	2.1	20
74	Enhanced UV radiation and dense clumps in the molecular outflow of Mrk 231. <i>Astronomy and Astrophysics</i> , 2020, 633, A163.	2.1	20
75	The XMM-Newton survey of the ELAIS-S1 field. <i>Astronomy and Astrophysics</i> , 2008, 488, 417-428.	2.1	19
76	SPECTROSCOPIC IDENTIFICATIONS OF SPITZER SOURCES IN THE SWIRE/XMM-NEWTON/ELAIS-S1 FIELD: A LARGE FRACTION OF ACTIVE GALACTIC NUCLEI WITH HIGH $F(24 \mu\text{m})/F(R)$ RATIO. <i>Astrophysical Journal</i> , 2009, 703, 1778-1790.	1.6	19
77	The WISSH quasars project. <i>Astronomy and Astrophysics</i> , 2018, 617, A82.	2.1	19
78	The WISSH quasars project. <i>Astronomy and Astrophysics</i> , 2019, 630, A111.	2.1	18
79	Gas reservoir of a hyper-luminous quasar at $z = 2.6$ . <i>Astronomy and Astrophysics</i> , 2014, 565, A91.	2.1	18
80	The hyperluminous Compton-thick $z \approx 2$ quasar nucleus of the hot DOG W1835+4355 observed by NuSTAR. <i>Astronomy and Astrophysics</i> , 2018, 618, A28.	2.1	18
81	The contribution of very massive high-redshift SWIRE galaxies to the stellar mass function. <i>Astronomy and Astrophysics</i> , 2007, 476, 151-175.	2.1	16
82	Suzaku reveals X-ray continuum piercing the nuclear absorber in Markarian 231. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 1185-1190.	1.6	15
83	A molecular gas-rich GRB host galaxy at the peak of cosmic star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2332-2338.	1.6	15
84	The rise of active galactic nuclei in the galaxy evolution and assembly semi-analytic model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3943-3960.	1.6	15
85	The ESO-Spitzer Imaging extragalactic Survey (ESIS). <i>Astronomy and Astrophysics</i> , 2008, 488, 533-548.	2.1	15
86	SUPER. <i>Astronomy and Astrophysics</i> , 2021, 654, A90.	2.1	10
87	Restframe UV-to-optical spectroscopy of APM 08279+5255. <i>Astronomy and Astrophysics</i> , 2018, 617, A118.	2.1	9
88	The IBISCO survey. <i>Astronomy and Astrophysics</i> , 2021, 655, A25.	2.1	7
89	Evidence of galaxy interaction in the narrow-line Seyfert 1 galaxy IRAS 17020+4544 seen by NOEMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 219-228.	1.6	5
90	Radio recombination lines from obscured quasars with the SKA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 98-107.	1.6	4

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91	AGN counts at $15\mu\text{m}$ . <i>Astronomy and Astrophysics</i> , 2007, 472, 797-803.	2.1	3
92	Capturing dual AGN activity and kiloparsec-scale outflows in IRAS 20210+1121. <i>Astronomy and Astrophysics</i> , 2021, 654, A154.	2.1	2
93	High-z X-ray Obscured Quasars in Galaxies with Extreme Mid-IR <sup>+</sup> •Optical Colors. , 2009, , .		0
94	The IR to X-rays SED of the Heavily Obscured Quasar IRAS 09104+4109. , 2009, , .		0
95	Environment of AGN in Cosmos. , 2010, , .		0
96	Type 2 Quasars at the heart of dust-obscured galaxies (DOGs) at high z. , 2010, , .		0