

# Guido Cupani

## List of Publications by Year in descending order

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60  
papers

2,973  
citations

201674

27  
h-index

168389

53  
g-index

60  
all docs

60  
docs citations

60  
times ranked

3677  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Space Density of Ultra-luminous QSOs at the End of Reionization Epoch by the QUBRICS Survey and the AGN Contribution to the Hydrogen Ionizing Background. <i>Astrophysical Journal</i> , 2022, 924, 62.	4.5	17
2	Fundamental physics with ESPRESSO: Precise limit on variations in the fine-structure constant towards the bright quasar HE 0515âˆ’4414. <i>Astronomy and Astrophysics</i> , 2022, 658, A123.	5.1	30
3	High star cluster formation efficiency in the strongly lensed Sunburst Lyman-continuum galaxy at $z = 2.37$ . <i>Astronomy and Astrophysics</i> , 2022, 659, A2.	5.1	32
4	The evolution of the Si content in the Universe from the epoch of reionization to cosmic noon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2389-2401.	4.4	15
5	Near-infrared spectroscopy of extreme BAL QSOs from the QUBRICS bright quasar survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2509-2528.	4.4	3
6	Chemical abundance of $z \sim 6$ quasar broad-line regions in the XQR-30 sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1801-1819.	4.4	20
7	Suppression of black-hole growth by strong outflows at redshifts $5.8 \leq z \leq 6.6$ . <i>Nature</i> , 2022, 605, 244-247.	27.8	33
8	The ionizing properties of two bright Ly $\alpha$ emitters in the Bremer Deep Field reionized bubble at $z = 7$ . <i>Astronomy and Astrophysics</i> , 2022, 662, A115.	5.1	12
9	Fundamental physics with ESPRESSO: Constraints on Bekenstein and dark energy models from astrophysical and local probes. <i>Physical Review D</i> , 2022, 105, .	4.7	4
10	ESPRESSO at VLT. <i>Astronomy and Astrophysics</i> , 2021, 645, A96.	5.1	221
11	Fundamental physics with ESPRESSO: Towards an accurate wavelength calibration for a precision test of the fine-structure constant. <i>Astronomy and Astrophysics</i> , 2021, 646, A144.	5.1	18
12	The MUSE Deep Lensed Field on the Hubble Frontier Field MACS J0416. <i>Astronomy and Astrophysics</i> , 2021, 646, A57.	5.1	45
13	The Luminosity Function of Bright QSOs at $z \sim 4$ and Implications for the Cosmic Ionizing Background. <i>Astrophysical Journal</i> , 2021, 912, 111.	4.5	18
14	The probabilistic random forest applied to the selection of quasar candidates in the QUBRICS survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 2471-2481.	4.4	14
15	Sub-damped Lyman $\alpha$ systems in the XQ-100 survey II. Chemical evolution at $2.4 \leq z \leq 4.3$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4009-4025.	4.4	13
16	Ionizing the intergalactic medium by star clusters: the first empirical evidence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 1093-1103.	4.4	77
17	Probing the circumstellar medium 2.8 Gyr after the big bang: detection of Bowen fluorescence in the Sunburst arc. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 499, L67-L71.	3.3	14
18	Candidate Population III stellar complex at $z \sim 6.629$ in the MUSE Deep Lensed Field. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 494, L81-L85.	3.3	40

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19	Nightside condensation of iron in an ultrahot giant exoplanet. <i>Nature</i> , 2020, 580, 597-601.	27.8	178
20	On the AGN Nature of Two UV-bright Sources at $z_{\text{spec}} \sim 5.5$ in the CANDELS Fields: An Update on the AGN Space Density at $M_{1450} \sim -22.5$ . <i>Astrophysical Journal</i> , 2020, 897, 94.	4.5	26
21	The Spectroscopic Follow-up of the QUBRICS Bright Quasar Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 26.	7.7	18
22	The Evolution of O I over $3.2 < z < 6.5$ : Reionization of the Circumgalactic Medium. <i>Astrophysical Journal</i> , 2019, 883, 163.	4.5	45
23	Sub-damped Lyman $\hat{\pm}$ systems in the XQ-100 survey â€“ I. Identification and contribution to the cosmological H $\hat{\pm}$ budget. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4356-4369.	4.4	17
24	174P/Echeclus and Its Blue Coma Observed Post-outburst. <i>Astronomical Journal</i> , 2019, 157, 88.	4.7	12
25	Massive star cluster formation under the microscope at $z \sim 6$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3618-3635.	4.4	86
26	Unveiling forming star clusters in the young Universe. <i>Proceedings of the International Astronomical Union</i> , 2019, 14, 233-237.	0.0	0
27	Finding the Brightest Cosmic Beacons in the Southern Hemisphere. <i>Astrophysical Journal</i> , 2019, 887, 268.	4.5	23
28	Direct Lyman continuum and Ly $\hat{\pm}$ escape observed at redshift 4. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 476, L15-L19.	3.3	128
29	Hunting for metals using XQ-100 Legacy Survey composite spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 105-121.	4.4	12
30	Magnifying the Early Episodes of Star Formation: Super Star Clusters at Cosmological Distances*. <i>Astrophysical Journal</i> , 2017, 842, 47.	4.5	68
31	New constraints on the free-streaming of warm dark matter from intermediate and small scale Lyman- $\hat{\pm}$ forest data. <i>Physical Review D</i> , 2017, 96, .	4.7	360
32	Exploring the thermal state of the low-density intergalactic medium at $z \sim 3$ with an ultrahigh signal-to-noise QSO spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2690-2709.	4.4	28
33	On the selection of damped Lyman $\hat{\pm}$ systems using Mg $\hat{\pm}$ absorption at $2 < z < 4$ . <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 464, L56-L60.	3.3	15
34	Solving the conundrum of intervening strong Mg $\hat{\pm}$ absorbers towards gamma-ray bursts and quasars. <i>Astronomy and Astrophysics</i> , 2017, 608, A84.	5.1	11
35	XQ-100: A legacy survey of one hundred $3.5 < z < 4.5$ quasars observed with VLT/X-shooter. <i>Astronomy and Astrophysics</i> , 2016, 594, A91.	5.1	72
36	HIGH-RESOLUTION SPECTROSCOPY OF A YOUNG, LOW-METALLICITY OPTICALLY THIN $L = 0.02 L^*$ STAR-FORMING GALAXY AT $z = 3.12^*$ . <i>Astrophysical Journal Letters</i> , 2016, 821, L27.	8.3	91

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37	Nature and statistical properties of quasar associated absorption systems in the XQ-100 Legacy Survey. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3285-3301.	4.4	32
38	Chemical abundances of the damped Lyman $\lambda$ systems in the XQ-100 survey. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3021-3037.	4.4	36
39	Metals in the $z \sim 3$ intergalactic medium: results from an ultra-high signal-to-noise ratio UVES quasar spectrum. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2690-2707.	4.4	34
40	Integrated data analysis in the age of precision spectroscopy: the ESPRESSO case. , 2016, , .		2
41	The evolution of neutral gas in damped Lyman $\lambda$ systems from the XQ-100 survey. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4488-4505.	4.4	64
42	The spectacular evolution of Supernova 1996al over 15 $\text{\AA}$ : a low-energy explosion of a stripped massive star in a highly structured environment. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3296-3317.	4.4	34
43	GRB host galaxies with VLT/X-Shooter: properties at $0.8 < z < 1.3$ . Monthly Notices of the Royal Astronomical Society, 2015, 452, 3293-3303.	4.4	16
44	On the evolution of the cosmic ionizing background. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2097-2104.	4.4	54
45	ESPRESSO: The next European exoplanet hunter. Astronomische Nachrichten, 2014, 335, 8-20.	1.2	165
46	X-shooter spectroscopy of young stellar objects. Astronomy and Astrophysics, 2014, 561, A2.	5.1	267
47	Metals in the IGM approaching the re-ionization epoch: results from X-shooter at the VLT $\sim$ .... Monthly Notices of the Royal Astronomical Society, 2013, 435, 1198-1232.	4.4	83
48	INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. Astrophysical Journal, 2013, 767, 1.	4.5	207
49	THE FIRST X-SHOOTER OBSERVATIONS OF JETS FROM YOUNG STARS. Astrophysical Journal Letters, 2011, 737, L26.	8.3	51
50	Angular momentum in cluster Spherical Collapse Model. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2554-2561.	4.4	6
51	An X-shooter survey of star forming regions: Low-mass stars and sub-stellar objects. Astronomische Nachrichten, 2011, 332, 242-248.	1.2	23
52	Studying the SN-GRB connection with X-shooter: The GRB 100316D / SN 2010bh case. Astronomische Nachrichten, 2011, 332, 262-265.	1.2	11
53	Supernovae interacting with a circumstellar medium: New observations with X-shooter. Astronomische Nachrichten, 2011, 332, 266-271.	1.2	4
54	Optical-NIR spectra of quasars close to reionization ( $z \sim 6$ ). Astronomische Nachrichten, 2011, 332, 315-318.	1.2	4

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55	Xâ€shooter observations of QSO pairs. <i>Astronomische Nachrichten</i> , 2011, 332, 319-320.	1.2	0
56	Cluster mass estimation through fair galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 838-847.	4.4	3
57	Mass estimation in the outer non-equilibrium region of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 390, 645-654.	4.4	11
58	The Lyman-alpha forest power spectrum from the XQ-100 Legacy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stw3372.	4.4	48
59	Accretion and outflows in young stars with CUBES. <i>Experimental Astronomy</i> , 0, , 1.	3.7	2
60	Chemical Composition of a Palomar 12 Blue Straggler. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	0