

Guido Cupani

List of Publications by Year in descending order

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Version: 2024-02-01

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	New constraints on the free-streaming of warm dark matter from intermediate and small scale Lyman- α forest data. Physical Review D, 2017, 96, .	4.7	360
2	X-shooter spectroscopy of young stellar objects. Astronomy and Astrophysics, 2014, 561, A2.	5.1	267
3	ESPRESSO at VLT. Astronomy and Astrophysics, 2021, 645, A96.	5.1	221
4	INTERACTING SUPERNOVAE AND SUPERNOVA IMPOSTORS: SN 2009ip, IS THIS THE END?. Astrophysical Journal, 2013, 767, 1.	4.5	207
5	Nightside condensation of iron in an ultrahot giant exoplanet. Nature, 2020, 580, 597-601.	27.8	178
6	ESPRESSO: The next European exoplanet hunter. Astronomische Nachrichten, 2014, 335, 8-20.	1.2	165
7	Direct Lyman continuum and Ly α escape observed at redshift 4. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 476, L15-L19.	3.3	128
8	HIGH-RESOLUTION SPECTROSCOPY OF A YOUNG, LOW-METALLICITY OPTICALLY THIN $L = 0.02L^*$ STAR-FORMING GALAXY AT $z = 3.12^*$. Astrophysical Journal Letters, 2016, 821, L27.	8.3	91
9	Massive star cluster formation under the microscope at $z \approx 6$. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3618-3635.	4.4	86
10	Metals in the IGM approaching the re-ionization epoch: results from X-shooter at the VLT... Monthly Notices of the Royal Astronomical Society, 2013, 435, 1198-1232.	4.4	83
11	Ionizing the intergalactic medium by star clusters: the first empirical evidence. Monthly Notices of the Royal Astronomical Society, 2020, 491, 1093-1103.	4.4	77
12	XQ-100: A legacy survey of one hundred $3.5 < z < 4.5$ quasars observed with VLT/X-shooter. Astronomy and Astrophysics, 2016, 594, A91.	5.1	72
13	Magnifying the Early Episodes of Star Formation: Super Star Clusters at Cosmological Distances*. Astrophysical Journal, 2017, 842, 47.	4.5	68
14	The evolution of neutral gas in damped Lyman α systems from the XQ-100 survey. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4488-4505.	4.4	64
15	On the evolution of the cosmic ionizing background. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2097-2104.	4.4	54
16	THE FIRST X-SHOOTER OBSERVATIONS OF JETS FROM YOUNG STARS. Astrophysical Journal Letters, 2011, 737, L26.	8.3	51
17	The Lyman-alpha forest power spectrum from the XQ-100 Legacy Survey. Monthly Notices of the Royal Astronomical Society, 0, , stw3372.	4.4	48
18	The Evolution of $O\text{ I}$ over $3.2 < z < 6.5$: Reionization of the Circumgalactic Medium. Astrophysical Journal, 2019, 883, 163.	4.5	45

#	ARTICLE	IF	CITATIONS
19	The MUSE Deep Lensed Field on the <i>Hubble</i> Frontier Field MACS J0416. <i>Astronomy and Astrophysics</i> , 2021, 646, A57.	5.1	45
20	Candidate Population III stellar complex at <i>z</i>=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
21	Chemical abundances of the damped Lyman $\hat{\pm}$ systems in the XQ-100 survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3021-3037.	4.4	36
22	Metals in the <i>z</i> $\hat{\pm}$ 3 intergalactic medium: results from an ultra-high signal-to-noise ratio LIVES quasar spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2690-2707.	4.4	34
23	The spectacular evolution of Supernova 1996al over 15 $\hat{\pm}$ yr: a low-energy explosion of a stripped massive star in a highly structured environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3296-3317.	4.4	34
24	Suppression of black-hole growth by strong outflows at redshifts 5.8 $\hat{\pm}$ 6.6. <i>Nature</i> , 2022, 605, 244-247.	27.8	33
25	Nature and statistical properties of quasar associated absorption systems in the XQ-100 Legacy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3285-3301.	4.4	32
26	High star cluster formation efficiency in the strongly lensed Sunburst Lyman-continuum galaxy at <i>z</i> = 2.37. <i>Astronomy and Astrophysics</i> , 2022, 659, A2.	5.1	32
27	Fundamental physics with ESPRESSO: Precise limit on variations in the fine-structure constant towards the bright quasar HE 0515 $\hat{\pm}$ 4414. <i>Astronomy and Astrophysics</i> , 2022, 658, A123.	5.1	30
28	Exploring the thermal state of the low-density intergalactic medium at <i>z</i>=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
29	On the AGN Nature of Two UV-bright Sources at <i>z</i> _{spec} $\hat{\pm}$ 5.5 in the CANDELS Fields: An Update on the AGN Space Density at <i>M</i> ₁₄₅₀ $\hat{\pm}$ 22.5. <i>Astrophysical Journal</i> , 2020, 897, 94.	4.5	26
30	An X $\hat{\pm}$ shooter survey of star forming regions: Low $\hat{\pm}$ mass stars and sub $\hat{\pm}$ stellar objects. <i>Astronomische Nachrichten</i> , 2011, 332, 242-248.	1.2	23
31	Finding the Brightest Cosmic Beacons in the Southern Hemisphere. <i>Astrophysical Journal</i> , 2019, 887, 268.	4.5	23
32	Chemical abundance of <i>z</i> $\hat{\pm}$ 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
33	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
34	The Luminosity Function of Bright QSOs at <i>z</i> $\hat{\pm}$ 4 and Implications for the Cosmic Ionizing Background. <i>Astrophysical Journal</i> , 2021, 912, 111.	4.5	18
35	The Spectroscopic Follow-up of the QUBRICS Bright Quasar Survey. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 26.	7.7	18
36	Sub-damped Lyman $\hat{\pm}$ systems in the XQ-100 survey $\hat{\pm}$ 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

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37	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
38	GRB host galaxies with VLT/X-Shooter: properties at $0.8 < z < i > \leq 1.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3293-3303.	4.4	16
39	On the selection of damped Lyman λ systems using Mg λ 7890 absorption at $2 < z < i > \leq 4$. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 464, L56-L60.	3.3	15
40	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
41	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
42	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
43	Sub-damped Lyman λ systems in the XQ-100 survey II. Chemical evolution at $2.4 < z < i > \leq 4.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4009-4025.	4.4	13
44	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
45	174P/Echeclus and Its Blue Coma Observed Post-outburst. <i>Astronomical Journal</i> , 2019, 157, 88.	4.7	12
46	The ionizing properties of two bright Ly α emitters in the Bremer Deep Field reionized bubble at $z = 7$. <i>Astronomy and Astrophysics</i> , 2022, 662, A115.	5.1	12
47	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
48	Studying the SN-GRB connection with X-Shooter: The GRB 100316D / SN 2010bh case. <i>Astronomische Nachrichten</i> , 2011, 332, 262-265.	1.2	11
49	Solving the conundrum of intervening strong Mg II absorbers towards gamma-ray bursts and quasars. <i>Astronomy and Astrophysics</i> , 2017, 608, A84.	5.1	11
50	Angular momentum in cluster Spherical Collapse Model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 2554-2561.	4.4	6
51	Supernovae interacting with a circumstellar medium: New observations with X-Shooter. <i>Astronomische Nachrichten</i> , 2011, 332, 266-271.	1.2	4
52	Optical-NIR spectra of quasars close to reionization ($z \approx 6$). <i>Astronomische Nachrichten</i> , 2011, 332, 315-318.	1.2	4
53	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
54	Cluster mass estimation through fair galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 838-847.	4.4	3

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55	Near-infrared spectroscopy of extreme BAL QSOs from the QUBRICS bright quasar survey. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2509-2528.	4.4	3
56	Integrated data analysis in the age of precision spectroscopy: the ESPRESSO case. , 2016, , .		2
57	Accretion and outflows in young stars with CUBES. Experimental Astronomy, 0, , 1.	3.7	2
58	Xâ€šshooter observations of QSO pairs. Astronomische Nachrichten, 2011, 332, 319-320.	1.2	0
59	Unveiling forming star clusters in the young Universe. Proceedings of the International Astronomical Union, 2019, 14, 233-237.	0.0	0
60	Chemical Composition of a Palomar 12 Blue Straggler. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	0