Eduardo Banados

List of Publications by Year
in descending order

89 papers	6,597 citations	71102 41 h-index	62596 80 g-index
90 all docs	90 docs citations	90 times ranked	4589 citing authors

#	Article	IF	Citations
1	Metallicity in Quasar Broad-line Regions at Redshift âˆ¼ 6. Astrophysical Journal, 2022, 925, 121.	4.5	20
2	Co-evolution of massive black holes and their host galaxies at high redshift: discrepancies from six cosmological simulations and the key role of JWST. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3751-3767.	4.4	27
3	ALMA 200 pc Imaging of a z âˆ¼ 7 Quasar Reveals a Compact, Disk-like Host Galaxy. Astrophysical Journal, 2022, 927, 21.	4.5	25
4	Molecular gas inzâˆ¼ 6 quasar host galaxies. Astronomy and Astrophysics, 2022, 662, A60.	5.1	20
5	Constraining Galaxy Overdensities around Three z âˆ¼ 6.5 Quasars with ALMA and MUSE. Astrophysical Journal, 2022, 927, 141.	4.5	16
6	Chemical abundance of z ~ 6 quasar broad-line regions in the XQR-30 sample. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1801-1819.	4.4	20
7	The Decoupled Kinematics of High-z QSO Host Galaxies and Their LyÎ± Halos. Astrophysical Journal, 2022, 929, 86.	4.5	6
8	A Multiwavelength Study of ELAN Environments (AMUSE²). Mass Budget, Satellites Spin Alignment, and Gas Infall in a Massive z âˆ¼ 3 Quasar Host Halo. Astrophysical Journal, 2022, 930, 72.	4.5	8
9	Suppression of black-hole growth by strong outflows at redshifts 5.8â€“6.6. Nature, 2022, 605, 244-247.	27.8	33
10	Staring at the Shadows of Archaic Galaxies: Damped LyÎ± and Metal Absorbers Toward a Young z âˆ¼ 6 Weak-line Quasar. Astronomical Journal, 2022, 163, 251.	4.7	6
11	Long Dark Gaps in the LyÎ² Forest at z < 6: Evidence of Ultra-late Reionization from XQR-30 Spectra. Astrophysical Journal, 2022, 932, 76.	4.5	28
12	A Luminous Quasar at Redshift 7.642. Astrophysical Journal Letters, 2021, 907, L1.	8.3	237
13	Strong Mg ii and Fe ii Absorbers at 2.2Â<ÂzÂ<Â6.0. Astrophysical Journal, 2021, 906, 32.	4.5	13
14	Constraining the Quasar Radio-loud Fraction at z âˆ¼ 6 with Deep Radio Observations. Astrophysical Journal, 2021, 908, 124.	4.5	30
15	Revealing the Accretion Physics of Supermassive Black Holes at Redshift z âˆ¼ 7 with Chandra and Infrared Observations. Astrophysical Journal, 2021, 908, 53.	4.5	35
16	The Discovery of a Highly Accreting, Radio-loud Quasar at z = 6.82. Astrophysical Journal, 2021, 909, 80.	4.5	55
17	Enhanced X-Ray Emission from the Most Radio-powerful Quasar in the Universeâ€™s First Billion Years. Astrophysical Journal, 2021, 911, 120.	4.5	17
18	Resolving the Radio Emission from the Quasar P172+18 at z = 6.82. Astronomical Journal, 2021, 161, 207.	4.7	15

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19	The Kinematics of z â‰³ 6 Quasar Host Galaxies. Astrophysical Journal, 2021, 911, 141.	4.5	62
20	Chandra and Magellan/FIRE follow-up observations of PSO167â€“13: An X-ray weak QSO at z = 6.515. Astronomy and Astrophysics, 2021, 649, A133.	5.1	17
21	Random Forests as a Viable Method to Select and Discover High-redshift Quasars. Astronomical Journal, 2021, 162, 72.	4.7	18
22	Quasar clustering at redshift 6. Astronomy and Astrophysics, 2021, 654, A79.	5.1	3
23	The Impact of Powerful Jets on the Far-infrared Emission of an Extreme Radio Quasar at z âˆ¼ 6. Astrophysical Journal, 2021, 920, 150.	4.5	11
24	A Closer Look at Two of the Most Luminous Quasars in the Universe. Astrophysical Journal, 2021, 906, 12.	4.5	3
25	Supermassive black holes in cosmological simulations â€“ II: the AGN population and predictions for upcoming X-ray missions. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3015-3042.	4.4	27
26	X-Ray Evidence Against the Hypothesis that the Hyperluminous z = 6.3 Quasar J0100+2802 is Lensed. Astrophysical Journal Letters, 2021, 922, L24.	8.3	6
27	Chasing the Tail of Cosmic Reionization with Dark Gap Statistics in the LyÎ± Forest over 5 < z < 6. Astrophysical Journal, 2021, 923, 223.	4.5	39
28	Probing Early Supermassive Black Hole Growth and Quasar Evolution with Near-infrared Spectroscopy of 37 Reionization-era Quasars at 6.3 < z â‰² 7.64. Astrophysical Journal, 2021, 923, 262.	4.5	76
29	Probing the thermal state of the intergalactic medium at z > 5 with the transmission spikes in high-resolution â€‰Lyâ€‰Î± forest spectra. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5091-5109.	4.4	69
30	PÅ•iuÄâ€˜ena: A Luminous zÂ=Â7.5 Quasar Hosting a 1.5 Billion Solar Mass Black Hole. Astrophysical Journal Letters, 2020, 897, L14.	8.3	202
31	A Significantly Neutral Intergalactic Medium Around the Luminous zÂ=Â7 Quasar J0252â€“0503. Astrophysical Journal, 2020, 896, 23.	4.5	97
32	No Redshift Evolution in the Broad-line-region Metallicity up to zÂ=Â7.54: Deep Near-infrared Spectroscopy of ULAS J1342+0928. Astrophysical Journal, 2020, 898, 105.	4.5	38
33	SCUBA2 High Redshift Bright Quasar Survey: Far-infrared Properties and Weak-line Features. Astrophysical Journal, 2020, 900, 12.	4.5	10
34	Detecting and Characterizing Young Quasars. I. Systemic Redshifts and Proximity Zone Measurements. Astrophysical Journal, 2020, 900, 37.	4.5	56
35	X-Ray Observations of a [C ii]-bright, zÂ=Â6.59 Quasar/Companion System. Astrophysical Journal, 2020, 900, 189.	4.5	20
36	Probing the Nature of High-redshift Weak Emission Line Quasars: A Young Quasar with a Starburst Host Galaxy. Astrophysical Journal, 2020, 903, 34.	4.5	27

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37	A Significant Excess in Major Merger Rate for AGNs with the Highest Eddington Ratios at z < 0.2. Astrophysical Journal, 2020, 904, 79.	4.5	23
38	The X-SHOOTER/ALMA Sample of Quasars in the Epoch of Reionization. I. NIR Spectral Modeling, Iron Enrichment, and Broad Emission Line Properties. Astrophysical Journal, 2020, 905, 51.	4.5	66
39	No Evidence for [C ii] Halos or High-velocity Outflows in zÂâ‰³Â6 Quasar Host Galaxies. Astrophysical Journal, 2020, 904, 131.	4.5	41
40	Kiloparsec-scale ALMA Imaging of [C ii] and Dust Continuum Emission of 27 Quasar Host Galaxies at zÂâˆ¼Â6. Astrophysical Journal, 2020, 904, 130.	4.5	81
41	The zÂ=Â7.54 Quasar ULAS J1342+0928 Is Hosted by a Galaxy Merger. Astrophysical Journal Letters, 2019, 881, L23.	8.3	28
42	Exploring Reionization-era Quasars. III. Discovery of 16 Quasars at 6.4Ââ‰²ÂzÂâ‰²Â6.9 with DESI Legacy Imaging Surveys and the UKIRT Hemisphere Survey and Quasar Luminosity Function at zÂâˆ¼Â6.7. Astrophysical Journal, 2019, 884, 30.	4.5	114
43	A Metal-poor Damped LyÎ± System at Redshift 6.4. Astrophysical Journal, 2019, 885, 59.	4.5	38
44	Resolved [C ii] Emission from z > 6 Quasar Hostâ€“Companion Galaxy Pairs. Astrophysical Journal, 2019, 882, 10.	4.5	53
45	Exploring Reionization-era Quasars. IV. Discovery of Six New zÂâ‰³Â6.5 Quasars with DES, VHS, and unWISE Photometry. Astronomical Journal, 2019, 157, 236.	4.7	82
46	ALMA and HST Kiloparsec-scale Imaging of a Quasar-galaxy Merger at ZÂâ‰ˆÂ6.2. Astrophysical Journal, 2019, 880, 157.	4.5	30
47	An ALMA Multiline Survey of the Interstellar Medium of the Redshift 7.5 Quasar Host Galaxy J1342+0928. Astrophysical Journal, 2019, 881, 63.	4.5	62
48	Gemini GNIRS Near-infrared Spectroscopy of 50 Quasars at z â‰³ 5.7. Astrophysical Journal, 2019, 873, 35.	4.5	115
49	Constraints on reionization from the z = 7.5 QSO ULASJ1342+0928. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5094-5101.	4.4	97
50	Filling in the Quasar Redshift Gap at zÂâˆ¼Â5.5. II. A Complete Survey of Luminous Quasars in the Post-reionization Universe. Astrophysical Journal, 2019, 871, 199.	4.5	25
51	Discovery of intergalactic bridges connecting two faint z â‰ˆ 3 quasars. Astronomy and Astrophysics, 2019, 631, A18.	5.1	14
52	The REQUIEM Survey. I. A Search for Extended LyÎ± Nebular Emission Around 31 zÂ>Â5.7 Quasars. Astrophysical Journal, 2019, 887, 196.	4.5	68
53	Discovery of Two Quasars at zÂ=Â5 from the OGLE Survey. Astrophysical Journal, 2019, 878, 115.	4.5	3
54	LyÎ± Halos around z â‰ˆ 6 Quasars. Astrophysical Journal, 2019, 881, 131.	4.5	24

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55	Spectral Energy Distributions of Companion Galaxies to zÂâˆ¼Â6 Quasars. Astrophysical Journal, 2019, 881, 163.	4.5	16
56	Heavy Element Absorption Systems at 5.0Â<ÂzÂ<Â6.8: Metal-poor Neutral Gas and a Diminishing Signature of Highly Ionized Circumgalactic Matter. Astrophysical Journal, 2019, 882, 77.	4.5	37
57	X-Ray Observations of a zÂâˆ¼Â6.2 Quasar/Galaxy Merger. Astrophysical Journal, 2019, 887, 171.	4.5	29
58	An ALMA [C ii] Survey of 27 Quasars at zÂ>Â5.94. Astrophysical Journal, 2018, 854, 97.	4.5	220
59	An 800-million-solar-mass black hole in a significantly neutral Universe at a redshift of 7.5. Nature, 2018, 553, 473-476.	27.8	726
60	The Discovery of a Luminous Broad Absorption Line Quasar at a Redshift of 7.02. Astrophysical Journal Letters, 2018, 869, L9.	8.3	82
61	No Evidence for Enhanced [O iii]Â88 Î¼m Emission in a zÂâˆ¼Â6 Quasar Compared to Its Companion Starbursting Galaxy. Astrophysical Journal Letters, 2018, 869, L22.	8.3	49
62	Quantitative Constraints on the Reionization History from the IGM Damping Wing Signature in Two Quasars at zÂ>Â7. Astrophysical Journal, 2018, 864, 142.	4.5	197
63	Dust Emission in an Accretion-rate-limited Sample of zÂâ‰³Â6 Quasars. Astrophysical Journal, 2018, 866, 159.	4.5	77
64	No Evidence for Millimeter Continuum Source Overdensities in the Environments of zÂâ‰³Â6 Quasars. Astrophysical Journal, 2018, 867, 153.	4.5	21
65	Predicting Quasar Continua near LyÎ± with Principal Component Analysis. Astrophysical Journal, 2018, 864, 143.	4.5	49
66	Resolving the Powerful Radio-loud Quasar at z âˆ¼ 6. Astrophysical Journal, 2018, 861, 86.	4.5	26
67	A Powerful Radio-loud Quasar at the End of Cosmic Reionization. Astrophysical Journal Letters, 2018, 861, L14.	8.3	50
68	Chandra X-Rays from the Redshift 7.54 Quasar ULAS J1342+0928. Astrophysical Journal Letters, 2018, 856, L25.	8.3	31
69	Large-scale Environment of a z = 6.61 Luminous Quasar Probed by LyÎ± Emitters and Lyman Break Galaxies^{âˆ—}. Astrophysical Journal, 2018, 856, 109.	4.5	37
70	Rapidly star-forming galaxies adjacent to quasars at redshifts exceeding 6. Nature, 2017, 545, 457-461.	27.8	149
71	The Compact,Ââˆ¼1 kpc Host Galaxy of a Quasar at a Redshift of 7.1. Astrophysical Journal, 2017, 837, 146.	4.5	79
72	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. Science, 2017, 358, 1570-1574.	12.6	517

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73	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. Science, 2017, 358, 1574-1578.	12.6	240
74	Copious Amounts of Dust and Gas in a zÂ=Â7.5 Quasar Host Galaxy. Astrophysical Journal Letters, 2017, 851, L8.	8.3	103
75	Mapping the LyÎ± Emission around a zÂâˆ¼Â6.6 QSO with MUSE: Extended Emission and a Companion at a Close Separation. Astrophysical Journal, 2017, 848, 78.	4.5	43
76	Physical Properties of 15 Quasars at zÂâ‰³Â6.5. Astrophysical Journal, 2017, 849, 91.	4.5	230
77	Mg ii Absorption at 2Â<ÂZÂ<Â7 with Magellan/Fire. III. Full Statistics of Absorption toward 100 High-redshift QSOs*. Astrophysical Journal, 2017, 850, 188.	4.5	42
78	NO OVERDENSITY OF LYMAN-ALPHA EMITTING GALAXIES AROUND A QUASAR AT zÂâˆ¼Â5.7. Astrophysical Journal, 2017, 834, 83.	4.5	50
79	THE FINAL SDSS HIGH-REDSHIFT QUASAR SAMPLE OF 52 QUASARS AT zÂ>Â5.7. Astrophysical Journal, 2016, 833, 222.	4.5	225
80	THE PAN-STARRS1 DISTANT zÂ>Â5.6 QUASAR SURVEY: MORE THAN 100 QUASARS WITHIN THE FIRST GYR OF THE UNIVERSE. Astrophysical Journal, Supplement Series, 2016, 227, 11.	7.7	266
81	BRIGHT [C II] 158 Î¼ m EMISSION IN A QUASAR HOST GALAXY AT z = 6.54. Astrophysical Journal Letters, 2015, 805, L8.	8.3	52
82	First discoveries ofzÂˆ¼Â6 quasars with the Kilo-Degree Survey and VISTA Kilo-Degree Infrared Galaxy survey. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2260-2267.	4.4	72
83	THE IDENTIFICATION OF z -DROPOUTS IN PAN-STARRS1: THREE QUASARS AT 6.5< z < 6.7. Astrophysical Journal Letters, 2015, 801, L11.	8.3	151
84	CONSTRAINING THE RADIO-LOUD FRACTION OF QUASARS ATz> 5.5. Astrophysical Journal, 2015, 804, 118.	4.5	87
85	THE TIME DOMAIN SPECTROSCOPIC SURVEY: VARIABLE SELECTION AND ANTICIPATED RESULTS. Astrophysical Journal, 2015, 806, 244.	4.5	49
86	DISCOVERY OF EIGHTzâˆ¼ 6 QUASARS FROM Pan-STARRS1. Astronomical Journal, 2014, 148, 14.	4.7	126
87	THE GALAXY ENVIRONMENT OF A QSO ATzâˆ¼ 5.7. Astrophysical Journal, 2013, 773, 178.	4.5	55
88	A Quasar Discovered at redshift 6.6 from Pan-STARRS1. Monthly Notices of the Royal Astronomical Society, 0, , stw3287.	4.4	21
89	ALMA multiline survey of the ISM in two quasar host-companion galaxy pairs at z > 6. Astronomy and Astrophysics, 0, , .	5.1	32