

Bram P Venemans

List of Publications by Year in descending order

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6,767
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76326
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#	ARTICLE	IF	CITATIONS
1	Deep XMM-Newton Observations of an X-ray Weak Broad Absorption Line Quasar at $z = 6.5$. <i>Astrophysical Journal Letters</i> , 2022, 924, L25.	8.3	8
2	ALMA 200 pc Imaging of a $z \approx 7$ Quasar Reveals a Compact, Disk-like Host Galaxy. <i>Astrophysical Journal</i> , 2022, 927, 21.	4.5	25
3	Molecular gas in $z \approx 6$ quasar host galaxies. <i>Astronomy and Astrophysics</i> , 2022, 662, A60.	5.1	20
4	Constraining Galaxy Overdensities around Three $z \approx 6.5$ Quasars with ALMA and MUSE. <i>Astrophysical Journal</i> , 2022, 927, 141.	4.5	16
5	The Decoupled Kinematics of High- z QSO Host Galaxies and Their Ly α Halos. <i>Astrophysical Journal</i> , 2022, 929, 86.	4.5	6
6	Spatially Resolved Molecular Interstellar Medium in a $z = 6.6$ Quasar Host Galaxy. <i>Astrophysical Journal</i> , 2022, 930, 27.	4.5	7
7	A Luminous Quasar at Redshift 7.642. <i>Astrophysical Journal Letters</i> , 2021, 907, L1.	8.3	237
8	Strong Mg ii and Fe ii Absorbers at $2.2 \lesssim z \lesssim 6.0$. <i>Astrophysical Journal</i> , 2021, 906, 32.	4.5	13
9	Revealing the Accretion Physics of Supermassive Black Holes at Redshift $z \approx 7$ with Chandra and Infrared Observations. <i>Astrophysical Journal</i> , 2021, 908, 53.	4.5	35
10	The Discovery of a Highly Accreting, Radio-loud Quasar at $z = 6.82$. <i>Astrophysical Journal</i> , 2021, 909, 80.	4.5	55
11	The Kinematics of $z \approx 6$ Quasar Host Galaxies. <i>Astrophysical Journal</i> , 2021, 911, 141.	4.5	62
12	Random Forests as a Viable Method to Select and Discover High-redshift Quasars. <i>Astronomical Journal</i> , 2021, 162, 72.	4.7	18
13	ALMA Observations of the Sub-kpc Structure of the Host Galaxy of a $z = 6.5$ Lensed Quasar: A Rotationally Supported Hyper-Starburst System at the Epoch of Reionization. <i>Astrophysical Journal</i> , 2021, 917, 99.	4.5	16
14	The Impact of Powerful Jets on the Far-infrared Emission of an Extreme Radio Quasar at $z \approx 6$. <i>Astrophysical Journal</i> , 2021, 920, 150.	4.5	11
15	A Closer Look at Two of the Most Luminous Quasars in the Universe. <i>Astrophysical Journal</i> , 2021, 906, 12.	4.5	3
16	Probing Early Supermassive Black Hole Growth and Quasar Evolution with Near-infrared Spectroscopy of 37 Reionization-era Quasars at $6.3 \lesssim z \lesssim 7.64$. <i>Astrophysical Journal</i> , 2021, 923, 262.	4.5	76
17	Pantheon: A Luminous $z \approx 7.5$ Quasar Hosting a 1.5 Billion Solar Mass Black Hole. <i>Astrophysical Journal Letters</i> , 2020, 897, L14.	8.3	202
18	A Significantly Neutral Intergalactic Medium Around the Luminous $z \approx 7$ Quasar J0252+0503. <i>Astrophysical Journal</i> , 2020, 896, 23.	4.5	97

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19	No Redshift Evolution in the Broad-line-region Metallicity up to $z=7.54$: Deep Near-infrared Spectroscopy of ULAS J1342+0928. <i>Astrophysical Journal</i> , 2020, 898, 105.	4.5	38
20	SCUBA2 High Redshift Bright Quasar Survey: Far-infrared Properties and Weak-line Features. <i>Astrophysical Journal</i> , 2020, 900, 12.	4.5	10
21	Detecting and Characterizing Young Quasars. I. Systemic Redshifts and Proximity Zone Measurements. <i>Astrophysical Journal</i> , 2020, 900, 37.	4.5	56
22	Ionized and Atomic Interstellar Medium in the $z=6.003$ Quasar SDSS J2310+1855. <i>Astrophysical Journal</i> , 2020, 900, 131.	4.5	36
23	Probing the Nature of High-redshift Weak Emission Line Quasars: A Young Quasar with a Starburst Host Galaxy. <i>Astrophysical Journal</i> , 2020, 903, 34.	4.5	27
24	The X-SHOOTER/ALMA Sample of Quasars in the Epoch of Reionization. I. NIR Spectral Modeling, Iron Enrichment, and Broad Emission Line Properties. <i>Astrophysical Journal</i> , 2020, 905, 51.	4.5	66
25	No Evidence for [C ii] Halos or High-velocity Outflows in $z \sim 6$ Quasar Host Galaxies. <i>Astrophysical Journal</i> , 2020, 904, 131.	4.5	41
26	Kiloparsec-scale ALMA Imaging of [C ii] and Dust Continuum Emission of 27 Quasar Host Galaxies at $z \sim 6$. <i>Astrophysical Journal</i> , 2020, 904, 130.	4.5	81
27	The $z=7.54$ Quasar ULAS J1342+0928 Is Hosted by a Galaxy Merger. <i>Astrophysical Journal Letters</i> , 2019, 881, L23.	8.3	28
28	Exploring Reionization-era Quasars. III. Discovery of 16 Quasars at $6.4 < z < 6.9$ with DESI Legacy Imaging Surveys and the UKIRT Hemisphere Survey and Quasar Luminosity Function at $z \sim 6.7$. <i>Astrophysical Journal</i> , 2019, 884, 30.	4.5	114
29	A Metal-poor Damped Ly α System at Redshift 6.4. <i>Astrophysical Journal</i> , 2019, 885, 59.	4.5	38
30	Resolved [C ii] Emission from $z > 6$ Quasar Host "Companion Galaxy Pairs. <i>Astrophysical Journal</i> , 2019, 882, 10.	4.5	53
31	ALMA and HST Kiloparsec-scale Imaging of a Quasar-galaxy Merger at $z \sim 6.2$. <i>Astrophysical Journal</i> , 2019, 880, 157.	4.5	30
32	Far-infrared Properties of the Bright, Gravitationally Lensed Quasar J0439+1634 at $z=6.5$. <i>Astrophysical Journal</i> , 2019, 880, 153.	4.5	42
33	An ALMA Multiline Survey of the Interstellar Medium of the Redshift 7.5 Quasar Host Galaxy J1342+0928. <i>Astrophysical Journal</i> , 2019, 881, 63.	4.5	62
34	ALMA Reveals Potential Evidence for Spiral Arms, Bars, and Rings in High-redshift Submillimeter Galaxies. <i>Astrophysical Journal</i> , 2019, 876, 130.	4.5	97
35	Gemini GNIRS Near-infrared Spectroscopy of 50 Quasars at $z \sim 5.7$. <i>Astrophysical Journal</i> , 2019, 873, 35.	4.5	115
36	400 pc Imaging of a Massive Quasar Host Galaxy at a Redshift of 6.6. <i>Astrophysical Journal Letters</i> , 2019, 874, L30.	8.3	54

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37	Massive quasar host galaxies in the reionisation epoch. Proceedings of the International Astronomical Union, 2019, 15, 127-131.	0.0	0
38	Resolving the Interstellar Medium in the Nuclear Region of Two $z \approx 5.78$ Quasar Host Galaxies with ALMA. Astrophysical Journal, 2019, 887, 40.	4.5	16
39	The REQUIEM Survey. I. A Search for Extended Ly α Nebular Emission Around 31 $z \approx 5.7$ Quasars. Astrophysical Journal, 2019, 887, 196.	4.5	68
40	The Discovery of a Gravitationally Lensed Quasar at $z \approx 5.51$. Astrophysical Journal Letters, 2019, 870, L11.	8.3	71
41	Ly α Halos around $z \approx 6$ Quasars. Astrophysical Journal, 2019, 881, 131.	4.5	24
42	Spectral Energy Distributions of Companion Galaxies to $z \approx 6$ Quasars. Astrophysical Journal, 2019, 881, 163.	4.5	16
43	An ALMA [C ii] Survey of 27 Quasars at $z \approx 5.94$. Astrophysical Journal, 2018, 854, 97.	4.5	220
44	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
45	The Discovery of a Luminous Broad Absorption Line Quasar at a Redshift of 7.02. Astrophysical Journal Letters, 2018, 869, L9.	8.3	82
46	No Evidence for Enhanced [O iii] $\lambda 88 \mu\text{m}$ Emission in a $z \approx 6$ Quasar Compared to Its Companion Starbursting Galaxy. Astrophysical Journal Letters, 2018, 869, L22.	8.3	49
47	Quantitative Constraints on the Reionization History from the IGM Damping Wing Signature in Two Quasars at $z \approx 7$. Astrophysical Journal, 2018, 864, 142.	4.5	197
48	Dust Emission in an Accretion-rate-limited Sample of $z \approx 6$ Quasars. Astrophysical Journal, 2018, 866, 159.	4.5	77
49	No Evidence for Millimeter Continuum Source Overdensities in the Environments of $z \approx 6$ Quasars. Astrophysical Journal, 2018, 867, 153.	4.5	21
50	Predicting Quasar Continua near Ly α with Principal Component Analysis. Astrophysical Journal, 2018, 864, 143.	4.5	49
51	The CGM and IGM at $z \approx 5$: metal budget and physical connection. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4940-4959.	4.4	28
52	Resolving the Powerful Radio-loud Quasar at $z \approx 6$. Astrophysical Journal, 2018, 861, 86.	4.5	26
53	A Powerful Radio-loud Quasar at the End of Cosmic Reionization. Astrophysical Journal Letters, 2018, 861, L14.	8.3	50
54	Chandra X-Rays from the Redshift 7.54 Quasar ULAS J1342+0928. Astrophysical Journal Letters, 2018, 856, L25.	8.3	31

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55	Large-scale Environment of a $z = 6.61$ Luminous Quasar Probed by Ly α Emitters and Lyman Break Galaxies. <i>Astrophysical Journal</i> , 2018, 856, 109.	4.5	37
56	The Compact, ~ 1 kpc Host Galaxy of a Quasar at a Redshift of 7.1. <i>Astrophysical Journal</i> , 2017, 837, 146.	4.5	79
57	Copious Amounts of Dust and Gas in a $z = 7.5$ Quasar Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 851, L8.	8.3	103
58	A deep search for metals near redshift 7: the line of sight towards ULS J1120+0641. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1919-1934.	4.4	33
59	Mapping the Ly α Emission around a $z = 6.6$ QSO with MUSE: Extended Emission and a Companion at a Close Separation. <i>Astrophysical Journal</i> , 2017, 848, 78.	4.5	43
60	Physical Properties of 15 Quasars at $z = 6.5$. <i>Astrophysical Journal</i> , 2017, 849, 91.	4.5	230
61	The comoving mass density of Mg ii from $z = 2$ to 5.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1023-1051.	4.4	12
62	Molecular Gas in Three $z = 7$ Quasar Host Galaxies. <i>Astrophysical Journal</i> , 2017, 845, 154.	4.5	74
63	Mg ii Absorption at $z = 7$ with Magellan/Fire. III. Full Statistics of Absorption toward 100 High-redshift QSOs*. <i>Astrophysical Journal</i> , 2017, 850, 188.	4.5	42
64	NO OVERDENSITY OF LYMAN-ALPHA EMITTING GALAXIES AROUND A QUASAR AT $z = 5.7$. <i>Astrophysical Journal</i> , 2017, 834, 83.	4.5	50
65	THE EXTENDED HIGH A(V) QUASAR SURVEY: SEARCHING FOR DUSTY ABSORBERS TOWARD MID-INFRARED-SELECTED QUASARS. <i>Astrophysical Journal</i> , 2016, 832, 49.	4.5	24
66	BRIGHT [C ii] AND DUST EMISSION IN THREE $z = 6.6$ QUASAR HOST GALAXIES OBSERVED BY ALMA. <i>Astrophysical Journal</i> , 2016, 816, 37.	4.5	163
67	THE PAN-STARRS1 DISTANT $z = 5.6$ QUASAR SURVEY: MORE THAN 100 QUASARS WITHIN THE FIRST GYR OF THE UNIVERSE. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 11.	7.7	266
68	A giant in the young Universe. <i>Nature</i> , 2015, 518, 490-491.	27.8	5
69	Evidence of patchy hydrogen reionization from an extreme Ly α trough below redshift six. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 3402-3419.	4.4	307
70	No excess of bright galaxies around the redshift 7.1 quasar ULS J1120+0641. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 3454-3461.	4.4	33
71	BLACK HOLE MASS ESTIMATES AND EMISSION-LINE PROPERTIES OF A SAMPLE OF REDSHIFT $z = 6.5$ QUASARS. <i>Astrophysical Journal</i> , 2014, 790, 145.	4.5	170
72	THE GALAXY ENVIRONMENT OF A QSO AT $z = 5.7$. <i>Astrophysical Journal</i> , 2013, 773, 178.	4.5	55

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73	<i>HUBBLE SPACE TELESCOPE</i> NARROWBAND SEARCH FOR EXTENDED Ly \pm EMISSION AROUND TWO $z > 6$ QUASARS. <i>Astrophysical Journal</i> , 2012, 756, 150.	4.5	27
74	Probabilistic selection of high-redshift quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 390-410.	4.4	53
75	A luminous quasar at a redshift of $z = 7.085$. <i>Nature</i> , 2011, 474, 616-619.	27.8	1,183
76	A large population of "Lyman-break" galaxies in a protocluster at redshift $z \approx 4.1$. <i>Nature</i> , 2004, 427, 47-50.	27.8	106
77	A Quasar Discovered at redshift 6.6 from Pan-STARRS1. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stw3287.	4.4	21