

Bram P Venemans

List of Publications by Year in descending order

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77
papers

6,767
citations

76326

40
h-index

71685

76
g-index

78
all docs

78
docs citations

78
times ranked

3183
citing authors

#	ARTICLE	IF	CITATIONS
1	A luminous quasar at a redshift of $z = 7.085$. <i>Nature</i> , 2011, 474, 616-619.	27.8	1,183
2	An 800-million-solar-mass black hole in a significantly neutral Universe at a redshift of 7.5. <i>Nature</i> , 2018, 553, 473-476.	27.8	726
3	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
4	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
5	A Luminous Quasar at Redshift 7.642. <i>Astrophysical Journal Letters</i> , 2021, 907, L1.	8.3	237
6	Physical Properties of 15 Quasars at $z \approx 6.5$. <i>Astrophysical Journal</i> , 2017, 849, 91.	4.5	230
7	An ALMA [C ii] Survey of 27 Quasars at $z > 5.94$. <i>Astrophysical Journal</i> , 2018, 854, 97.	4.5	220
8	Panini-ena: 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
9	Quantitative Constraints on the Reionization History from the IGM Damping Wing Signature in Two Quasars at $z > 7$. <i>Astrophysical Journal</i> , 2018, 864, 142.	4.5	197
10	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
11	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
12	Gemini GNIRS Near-infrared Spectroscopy of 50 Quasars at $z \approx 5.7$. <i>Astrophysical Journal</i> , 2019, 873, 35.	4.5	115
13	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 $z \approx 6.7$. <i>Astrophysical Journal</i> , 2019, 884, 30.	4.5	114
14	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
15	Copious Amounts of Dust and Gas in a $z \approx 7.5$ Quasar Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 851, L8.	8.3	103
16	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
17	A Significantly Neutral Intergalactic Medium Around the Luminous $z \approx 7$ Quasar J0252-0503. <i>Astrophysical Journal</i> , 2020, 896, 23.	4.5	97
18	The Discovery of a Luminous Broad Absorption Line Quasar at a Redshift of 7.02. <i>Astrophysical Journal Letters</i> , 2018, 869, L9.	8.3	82

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19	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
20	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
21	Dust Emission in an Accretion-rate-limited Sample of $z \sim 6$ Quasars. <i>Astrophysical Journal</i> , 2018, 866, 159.	4.5	77
22	Probing Early Supermassive Black Hole Growth and Quasar Evolution with Near-infrared Spectroscopy of 37 Reionization-era Quasars at $6.3 < z < 7.64$. <i>Astrophysical Journal</i> , 2021, 923, 262.	4.5	76
23	Molecular Gas in Three $z \sim 7$ Quasar Host Galaxies. <i>Astrophysical Journal</i> , 2017, 845, 154.	4.5	74
24	The Discovery of a Gravitationally Lensed Quasar at $z = 6.51$. <i>Astrophysical Journal Letters</i> , 2019, 870, L11.	8.3	71
25	The REQUIEM Survey. I. A Search for Extended Ly α Nebular Emission Around 31 $z > 5.7$ Quasars. <i>Astrophysical Journal</i> , 2019, 887, 196.	4.5	68
26	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
27	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
28	The Kinematics of $z \sim 6$ Quasar Host Galaxies. <i>Astrophysical Journal</i> , 2021, 911, 141.	4.5	62
29	Detecting and Characterizing Young Quasars. I. Systemic Redshifts and Proximity Zone Measurements. <i>Astrophysical Journal</i> , 2020, 900, 37.	4.5	56
30	THE GALAXY ENVIRONMENT OF A QSO AT $z \sim 5.7$. <i>Astrophysical Journal</i> , 2013, 773, 178.	4.5	55
31	The Discovery of a Highly Accreting, Radio-loud Quasar at $z = 6.82$. <i>Astrophysical Journal</i> , 2021, 909, 80.	4.5	55
32	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
33	Probabilistic selection of high-redshift quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 390-410.	4.4	53
34	Resolved [C ii] Emission from $z > 6$ Quasar Host “Companion Galaxy Pairs. <i>Astrophysical Journal</i> , 2019, 882, 10.	4.5	53
35	NO OVERDENSITY OF LYMAN-ALPHA EMITTING GALAXIES AROUND A QUASAR AT $z \sim 5.7$. <i>Astrophysical Journal</i> , 2017, 834, 83.	4.5	50
36	A Powerful Radio-loud Quasar at the End of Cosmic Reionization. <i>Astrophysical Journal Letters</i> , 2018, 861, L14.	8.3	50

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37	No Evidence for Enhanced [O iii] λ 844.6 Emission in a $z \approx 6$ Quasar Compared to Its Companion Starbursting Galaxy. <i>Astrophysical Journal Letters</i> , 2018, 869, L22.	8.3	49
38	Predicting Quasar Continua near Ly α with Principal Component Analysis. <i>Astrophysical Journal</i> , 2018, 864, 143.	4.5	49
39	Mapping the Ly α Emission around a $z \approx 6.6$ QSO with MUSE: Extended Emission and a Companion at a Close Separation. <i>Astrophysical Journal</i> , 2017, 848, 78.	4.5	43
40	Mg ii Absorption at $z \approx 7$ with Magellan/Fire. III. Full Statistics of Absorption toward 100 High-redshift QSOs*. <i>Astrophysical Journal</i> , 2017, 850, 188.	4.5	42
41	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
42	No Evidence for [C ii] Halos or High-velocity Outflows in $z \approx 6$ Quasar Host Galaxies. <i>Astrophysical Journal</i> , 2020, 904, 131.	4.5	41
43	A Metal-poor Damped Ly α System at Redshift 6.4. <i>Astrophysical Journal</i> , 2019, 885, 59.	4.5	38
44	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
45	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
46	Ionized and Atomic Interstellar Medium in the $z = 6.003$ Quasar SDSS J2310+1855. <i>Astrophysical Journal</i> , 2020, 900, 131.	4.5	36
47	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
48	No excess of bright galaxies around the redshift 7.1 quasar ULAS J1120+0641. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 3454-3461.	4.4	33
49	A deep search for metals near redshift 7: the line of sight towards ULAS J1120+0641. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1919-1934.	4.4	33
50	Chandra X-Rays from the Redshift 7.54 Quasar ULAS J1342+0928. <i>Astrophysical Journal Letters</i> , 2018, 856, L25.	8.3	31
51	ALMA and HST Kiloparsec-scale Imaging of a Quasar-galaxy Merger at $z \approx 6.2$. <i>Astrophysical Journal</i> , 2019, 880, 157.	4.5	30
52	The CGM and IGM at $z \approx 5$: metal budget and physical connection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4940-4959.	4.4	28
53	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
54	HUBBLE SPACE TELESCOPE NARROWBAND SEARCH FOR EXTENDED Ly α EMISSION AROUND TWO $z \approx 6$ QUASARS. <i>Astrophysical Journal</i> , 2012, 756, 150.	4.5	27

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55	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
56	Resolving the Powerful Radio-loud Quasar at $z \approx 6$. <i>Astrophysical Journal</i> , 2018, 861, 86.	4.5	26
57	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
58	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
59	$\text{Ly}\alpha$ Halos around $z \approx 6$ Quasars. <i>Astrophysical Journal</i> , 2019, 881, 131.	4.5	24
60	A Quasar Discovered at redshift 6.6 from Pan-STARRS1. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stw3287.	4.4	21
61	No Evidence for Millimeter Continuum Source Overdensities in the Environments of $z \approx 6$ Quasars. <i>Astrophysical Journal</i> , 2018, 867, 153.	4.5	21
62	Molecular gas in $z \approx 6$ quasar host galaxies. <i>Astronomy and Astrophysics</i> , 2022, 662, A60.	5.1	20
63	Random Forests as a Viable Method to Select and Discover High-redshift Quasars. <i>Astronomical Journal</i> , 2021, 162, 72.	4.7	18
64	Resolving the Interstellar Medium in the Nuclear Region of Two $z \approx 5.78$ Quasar Host Galaxies with ALMA. <i>Astrophysical Journal</i> , 2019, 887, 40.	4.5	16
65	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
66	Spectral Energy Distributions of Companion Galaxies to $z \approx 6$ Quasars. <i>Astrophysical Journal</i> , 2019, 881, 163.	4.5	16
67	Constraining Galaxy Overdensities around Three $z \approx 6.5$ Quasars with ALMA and MUSE. <i>Astrophysical Journal</i> , 2022, 927, 141.	4.5	16
68	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
69	The comoving mass density of MgII from $z \approx 2$ to 5.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 4,4, 2017, 472, 1023-1051.	4.4	12
70	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
71	SCUBA2 High Redshift Bright Quasar Survey: Far-infrared Properties and Weak-line Features. <i>Astrophysical Journal</i> , 2020, 900, 12.	4.5	10
72	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

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73	Spatially Resolved Molecular Interstellar Medium in a $z = 6.6$ Quasar Host Galaxy. <i>Astrophysical Journal</i> , 2022, 930, 27.	4.5	7
74	The Decoupled Kinematics of High- z QSO Host Galaxies and Their Ly α Halos. <i>Astrophysical Journal</i> , 2022, 929, 86.	4.5	6
75	A giant in the young Universe. <i>Nature</i> , 2015, 518, 490-491.	27.8	5
76	A Closer Look at Two of the Most Luminous Quasars in the Universe. <i>Astrophysical Journal</i> , 2021, 906, 12.	4.5	3
77	Massive quasar host galaxies in the reionisation epoch. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 127-131.	0.0	0