

Implications of $z \propto t^{1/4}$ Quasar Proximity Zones for t Lifetimes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	GLINT. Experimental Astronomy, 2017, 44, 181-208.	3.7	0
2	Physical Properties of 15 Quasars at $z \sim 3-6.5$. Astrophysical Journal, 2017, 849, 91.	4.5	230
3	New constraints on Lyman- α opacity using 92 quasar lines of sight. Proceedings of the International Astronomical Union, 2017, 12, 234-237.	0.0	0
4	An ALMA [C ii] Survey of 27 Quasars at $z \sim 5.94$. Astrophysical Journal, 2018, 854, 97.	4.5	220
5	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
6	First Spectroscopic Study of a Young Quasar. Astrophysical Journal, 2018, 867, 30.	4.5	49
7	Modeling the He ii Transverse Proximity Effect: Constraints on Quasar Lifetime and Obscuration. Astrophysical Journal, 2018, 861, 122.	4.5	23
8	The Opacity of the Intergalactic Medium Measured along Quasar Sightlines at $z \sim 1/4-6$. Astrophysical Journal, 2018, 864, 53.	4.5	104
9	Revealing the Warm and Hot Halo Baryons via Thomson Scattering of Quasar Light. Astronomical Journal, 2018, 156, 66.	4.7	4
10	Quantitative Constraints on the Reionization History from the IGM Damping Wing Signature in Two Quasars at $z \sim 7$. Astrophysical Journal, 2018, 864, 142.	4.5	197
11	Subaru High- z Exploration of Low-luminosity Quasars (SHELLQs). V. Quasar Luminosity Function and Contribution to Cosmic Reionization at $z \sim 6$. Astrophysical Journal, 2018, 869, 150.	4.5	153
12	Imprints of quasar duty cycle on the 21-cm signal from the Epoch of Reionization. Monthly Notices of the Royal Astronomical Society, 2018, 478, 5564-5578.	4.4	17
13	No Evidence for Millimeter Continuum Source Overdensities in the Environments of $z \sim 3-6$ Quasars. Astrophysical Journal, 2018, 867, 153.	4.5	21
14	Predicting Quasar Continua near Ly α with Principal Component Analysis. Astrophysical Journal, 2018, 864, 143.	4.5	49
15	Subaru High- z Exploration of Low-Luminosity Quasars (SHELLQs). III. Star formation properties of the host galaxies at $z \sim 3-6$ studied with ALMA. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	42
16	Active galactic nucleus outflows in galaxy discs. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2288-2307.	4.4	16
17	How proper are Bayesian models in the astronomical literature?. Monthly Notices of the Royal Astronomical Society, 2018, 481, 277-285.	4.4	14
18	Early galaxy formation and its large-scale effects. Physics Reports, 2018, 780-782, 1-64.	25.6	273

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19	The Faint End of the $z=5$ Quasar Luminosity Function from the CFHTLS. <i>Astronomical Journal</i> , 2018, 155, 131.	4.7	74
20	A New Method to Measure the Post-reionization Ionizing Background from the Joint Distribution of $\text{Ly}\alpha$ and $\text{Ly}\alpha^2$ Forest Transmission. <i>Astrophysical Journal</i> , 2018, 855, 106.	4.5	42
21	The role of galaxies and AGN in reionizing the IGM – I. Keck spectroscopy of $5 < z < 7$ galaxies in the QSO field J1148+5251. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 43-63.	4.4	49
22	New constraints on Lyman- α opacity with a sample of 62 quasars at $z \gtrsim 5.7$. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	124
23	High Star Formation Rates of Low Eddington Ratio Quasars at $z \sim 6$. <i>Astrophysical Journal</i> , 2019, 879, 117.	4.5	7
24	Nuisance hardened data compression for fast likelihood-free inference. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 5093-5103.	4.4	63
25	<i>Euclid</i> preparation. <i>Astronomy and Astrophysics</i> , 2019, 631, A85.	5.1	40
26	The diverse galaxy counts in the environment of high-redshift massive black holes in Horizon-AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1206-1229.	4.4	31
27	A Metal-poor Damped $\text{Ly}\alpha$ System at Redshift 6.4. <i>Astrophysical Journal</i> , 2019, 885, 59.	4.5	38
28	Anomaly in the Opacity of the Post-reionization Intergalactic Medium in the $\text{Ly}\alpha$ and $\text{Ly}\alpha^2$ Forest. <i>Astrophysical Journal</i> , 2019, 881, 23.	4.5	25
29	The role of galaxies and AGNs in reionizing the IGM – II. Metal-tracing the faint sources of reionization at $5 \times 10^{-2} < z < 6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 19-37.	4.4	34
30	New constraints on quasar evolution: broad-line velocity shifts over $1.5 \times 10^{-2} < z < 7.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3305-3323.	4.4	47
31	Supermassive black holes in the early universe. <i>Contemporary Physics</i> , 2019, 60, 111-126.	1.8	27
32	Three new VHS “DES quasars at $6.7 < z < 6.9$ and emission line properties at $z \gtrsim 6.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1874-1885.	4.4	64
33	The Evolution of the He ii-ionizing Background at Redshifts $2.3 < z < 3.8$ Inferred from a Statistical Sample of 24 HST/COS He ii $\text{Ly}\alpha$ Absorption Spectra*. <i>Astrophysical Journal</i> , 2019, 875, 111.	4.5	31
34	Evidence for short ~ 1 Myr lifetimes from the He ii “proximity zones of $z \sim 4$ quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3897-3910.	4.4	27
35	Constraints on reionization from the $z = 7.5$ QSO ULASJ1342+0928. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5094-5101.	4.4	97
36	Discovery of intergalactic bridges connecting two faint $z \sim 3$ quasars. <i>Astronomy and Astrophysics</i> , 2019, 631, A18.	5.1	14

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37	Subaru High- z Exploration of Low-Luminosity Quasars (SHELLQs). VIII. A less biased view of the early co-evolution of black holes and host galaxies. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	51
38	The REQUIEM Survey. I. A Search for Extended Ly α Nebular Emission Around 31 $z \sim 5.7$ Quasars. Astrophysical Journal, 2019, 887, 196.	4.5	68
39	Most Lensed Quasars at $z \sim 6$ are Missed by Current Surveys. Astrophysical Journal Letters, 2019, 870, L12.	8.3	25
40	The Assembly of the First Massive Black Holes. Annual Review of Astronomy and Astrophysics, 2020, 58, 27-97.	24.3	264
41	Ionization bias and the ghost proximity effect near $z \sim 6$ quasars in the shadow of proximate absorption systems. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2937-2947.	4.4	12
42	Reionization history constraints from neural network based predictions of high-redshift quasar continua. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4256-4275.	4.4	29
43	Three Ly α Emitting Galaxies within a Quasar Proximity Zone at $z \sim 5.8$. Astrophysical Journal, 2020, 896, 49.	4.5	34
44	Time-dependent behaviour of quasar proximity zones at $z \sim 6$. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1330-1343.	4.4	36
45	The role of galaxies and AGN in reionizing the IGM – III. IGM galaxy cross-correlations at $z \sim 6$ from eight quasar fields with DEIMOS and MUSE. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1560-1578.	4.4	32
46	A comparison of quasar emission reconstruction techniques for $z \sim 5.0$ Lyman α and Lyman β transmission. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2077-2096.	4.4	21
47	The Discovery of a Highly Accreting, Radio-loud Quasar at $z = 6.82$. Astrophysical Journal, 2021, 909, 80.	4.5	55
48	The MUSE Extremely Deep Field: The cosmic web in emission at high redshift. Astronomy and Astrophysics, 2021, 647, A107.	5.1	45
49	The Distribution and Evolution of Quasar Proximity Zone Sizes. Astrophysical Journal, 2021, 911, 60.	4.5	19
50	The Kinematics of $z \sim 6$ Quasar Host Galaxies. Astrophysical Journal, 2021, 911, 141.	4.5	62
51	Constraining the ratio of median pixel optical depth profile around $z \sim 4$ quasars using the longitudinal proximity effect. Monthly Notices of the Royal Astronomical Society, 2021, 505, 689-701.	4.4	1
52	Effects of Photoionization and Photoheating on Ly α Forest Properties from Cholla Cosmological Simulations. Astrophysical Journal, 2021, 912, 138.	4.5	13
53	The first measurement of the quasar lifetime distribution. Monthly Notices of the Royal Astronomical Society, 2021, 505, 649-662.	4.4	23
54	Reionization and galaxy inference from the high-redshift Ly α forest. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2390-2407.	4.4	61

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55	Dating individual quasars with the He II $\lambda 4686$ proximity effect. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5084-5103.	4.4	13
56	SMBH seeds from dissipative dark matter. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 039.	5.4	12
57	The detectability of strong 21 centimetre forest absorbers from the diffuse intergalactic medium in late reionisation models. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	6
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59	CosmoReionMC: a package for estimating cosmological and astrophysical parameters using CMB, Lyman- α absorption, and global 21 cm data. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2405-2422.	4.4	16
60	Recovering Density Fields inside Quasar Proximity Zones at $z \sim 6$. Astrophysical Journal, 2021, 916, 118.	4.5	4
61	Cosmological Simulations of Quasar Fueling to Subparsec Scales Using Lagrangian Hyper-refinement. Astrophysical Journal, 2021, 917, 53.	4.5	49
62	The mean free path of ionizing photons at $5 < z < 6$: evidence for rapid evolution near reionization. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1853-1869.	4.4	63
63	Jet-driven AGN feedback on molecular gas and low star-formation efficiency in a massive local spiral galaxy with a bright X-ray halo. Astronomy and Astrophysics, 2021, 654, A8.	5.1	19
64	CANDELSz7: a large spectroscopic survey of CANDELS galaxies in the reionization epoch. Astronomy and Astrophysics, 2018, 619, A147.	5.1	68
65	Mapping Quasar Light Echoes in 3D with Ly α Forest Tomography. Astrophysical Journal, 2019, 882, 165.	4.5	17
66	Probing the Environment of High- z Quasars Using the Proximity Effect in Projected Quasar Pairs. Astrophysical Journal, 2019, 884, 151.	4.5	7
67	X-Ray Observations of a $z \sim 6.2$ Quasar/Galaxy Merger. Astrophysical Journal, 2019, 887, 171.	4.5	29
68	Truth or Delusion? A Possible Gravitational Lensing Interpretation of the Ultraluminous Quasar SDSS J010013.02+280225.8 at $z = 6.30$. Astrophysical Journal, 2020, 891, 64.	4.5	14
69	Subaru Medium-resolution Spectra of a QSO at $z = 6.62$: Three Reionization Tests. Astrophysical Journal, 2020, 893, 69.	4.5	5
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71	No Redshift Evolution in the Broad-line-region Metallicity up to $z = 7.54$: Deep Near-infrared Spectroscopy of ULAS J1342+0928. Astrophysical Journal, 2020, 898, 105.	4.5	38
72	Detecting and Characterizing Young Quasars. I. Systemic Redshifts and Proximity Zone Measurements. Astrophysical Journal, 2020, 900, 37.	4.5	56

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73	Subaru High- z Exploration of Low-luminosity Quasars (SHELLQs). XI. Proximity Zone Analysis for Faint Quasar Spectra at $z \sim 6$. <i>Astrophysical Journal</i> , 2020, 903, 60.	4.5	15
74	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
75	Measurements of the $z \sim 6$ Intergalactic Medium Optical Depth and Transmission Spikes Using a New $z \sim 6.3$ Quasar Sample. <i>Astrophysical Journal</i> , 2020, 904, 26.	4.5	71
76	The Infrared Medium-deep Survey. VIII. Quasar Luminosity Function at $z \sim 5$. <i>Astrophysical Journal</i> , 2020, 904, 111.	4.5	26
77	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
78	Evidence for Low Radiative Efficiency or Highly Obscured Growth of $z \sim 7$ Quasars. <i>Astrophysical Journal Letters</i> , 2019, 884, L19.	8.3	52
79	Constraining the Gravitational Lensing of $z \sim 6$ Quasars from Their Proximity Zones. <i>Astrophysical Journal Letters</i> , 2020, 904, L32.	8.3	12
80	Extreme Variability and Episodic Lifetime of Quasars. <i>Astrophysical Journal</i> , 2021, 921, 70.	4.5	17
81	Estimating the Effective Lifetime of the $z \sim 6$ Quasar Population from the Composite Proximity Zone Profile. <i>Astrophysical Journal</i> , 2021, 921, 88.	4.5	16
82	X-Ray Evidence Against the Hypothesis that the Hyperluminous $z = 6.3$ Quasar J0100+2802 is Lensed. <i>Astrophysical Journal Letters</i> , 2021, 922, L24.	8.3	6
83	The effect of inhomogeneous reionization on the Ly α forest power spectrum at redshift $z \sim 4$: implications for thermal parameter recovery. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 6119-6137.	4.4	14
84	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
85	Chasing the Tail of Cosmic Reionization with Dark Gap Statistics in the Ly α Forest over $5 < z < 6$. <i>Astrophysical Journal</i> , 2021, 923, 223.	4.5	39
86	Conditions for Direct Black Hole Seed Collapse near a Radio-loud Quasar 1 Gyr after the Big Bang. <i>Astrophysical Journal</i> , 2022, 926, 114.	4.5	8
87	The Close AGN Reference Survey (CARS). <i>Astronomy and Astrophysics</i> , 2022, 659, A124.	5.1	13
88	The Contribution of AGN Accretion Disks to Hydrogen Reionization. <i>Astrophysical Journal</i> , 2022, 929, 21.	4.5	4
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90	Staring at the Shadows of Archaic Galaxies: Damped Ly α and Metal Absorbers Toward a Young $z \sim 6$ Weak-line Quasar. <i>Astronomical Journal</i> , 2022, 163, 251.	4.7	6

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91	Measuring the Density Fields around Bright Quasars at $z \sim 6$ with XQR-30 Spectra. <i>Astrophysical Journal</i> , 2022, 931, 29.	4.5	12
92	Long Dark Gaps in the Ly α Forest at $z < 6$: Evidence of Ultra-late Reionization from XQR-30 Spectra. <i>Astrophysical Journal</i> , 2022, 932, 76.	4.5	28
93	Constraining the reionization and thermal history of the Universe using a seminumerical photon-conserving code <code><scp>script</scp></code> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 617-630.	4.4	10
94	A Simple Condition for Sustained Super-Eddington Black Hole Growth. <i>Astrophysical Journal</i> , 2022, 934, 58.	4.5	2
95	Photometric IGM tomography: Efficiently mapping quasar light echoes with deep narrow-band imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 582-601.	4.4	3
96	AGN-driven outflows and the formation of Ly α nebulae around high- z quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 1767-1790.	4.4	19
97	Subaru High- z Exploration of Low-Luminosity Quasars (SHELLQs) â€“ XV. Constraining the cosmic reionization at $5.5 < z < 7$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 1264-1281.	4.4	3
98	A Generative Model for Quasar Spectra. <i>Astrophysical Journal</i> , 2022, 938, 17.	4.5	4
99	X-ray emission from a rapidly accreting narrow-line Seyfert 1 galaxy at $z = 6.56$. <i>Astronomy and Astrophysics</i> , 2023, 669, A127.	5.1	2
100	Probing quasar lifetimes with proximate 21-centimetre absorption in the diffuse intergalactic medium at redshifts $z \sim 6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 3027-3045.	4.4	2
101	The Xâ€“shooter/ALMA Sample of Quasars in the Epoch of Reionization. II. Black Hole Masses, Eddington Ratios, and the Formation of the First Quasars. <i>Astrophysical Journal</i> , 2022, 941, 106.	4.5	36
102	(Nearly) Model-independent Constraints on the Neutral Hydrogen Fraction in the Intergalactic Medium at $z \sim 5.5$ â€“7 Using Dark Pixel Fractions in Ly α and Ly α Forests. <i>Astrophysical Journal</i> , 2023, 942, 59.	4.5	10
103	The need for obscured supermassive black hole growth to explain quasar proximity zones in the epoch of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 3108-3126.	4.4	7
104	XQR-30: The ultimate XSHOOTER quasar sample at the reionization epoch. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 523, 1399-1420.	4.4	14
105	New quasar proximity zone size measurements at $z \sim 6$ using the enlarged XQR-30 sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 4918-4933.	4.4	3
106	Quasars and the Intergalactic Medium at Cosmic Dawn. <i>Annual Review of Astronomy and Astrophysics</i> , 2023, 61, 373-426.	24.3	29
107	EIGER. I. A Large Sample of [O iii]-emitting Galaxies at $5.3 < z < 6.9$ and Direct Evidence for Local Reionization by Galaxies. <i>Astrophysical Journal</i> , 2023, 950, 66.	4.5	28
108	EIGER. III. JWST/NIRCam Observations of the Ultraluminous High-redshift Quasar J0100+2802. <i>Astrophysical Journal</i> , 2023, 950, 68.	4.5	16

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109	The Assembly of Black Hole Mass and Luminosity Functions of High-redshift Quasars via Multiple Accretion Episodes. <i>Astrophysical Journal</i> , 2023, 950, 85.	4.5	5
110	Detecting and Characterizing Young Quasars. III. The Impact of Gravitational Lensing Magnification. <i>Astrophysical Journal</i> , 2023, 950, 105.	4.5	0
111	A Mixture of LBG Overdensities in the Fields of Three $z \sim 7$ Quasars: Implications for the Robustness of Photometric Selection. <i>Astrophysical Journal</i> , 2023, 952, 99.	4.5	4
112	A fast method of reionization parameter space exploration using GPR trained SCRIPT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 526, 3920-3932.	4.4	1
113	The growth of the gargantuan black holes powering high-redshift quasars and their impact on the formation of early galaxies and protoclusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 527, 1033-1054.	4.4	3
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115	The characteristic shape of damping wings during reionization. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2023, 528, L33-L37.	3.3	0
116	ALMA 400 pc Imaging of a $z = 6.5$ Massive Warped Disk Galaxy. <i>Astrophysical Journal</i> , 2023, 958, 132.	4.5	0
117	HYPERION. Interacting companion and outflow in the most luminous $z \sim 6$ quasar. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	0
118	Warm dark Matter constraints from the joint analysis of CMB, Lyman- α , and global 21 cm data. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	0
119	High- z quasar candidate archive: a spectroscopic catalogue of quasars and contaminants in various quasar searches. <i>Monthly Notices of the Royal Astronomical Society</i> , 2024, 528, 2679-2710.	4.4	0
120	Modeling quasar proximity zones in a realistic cosmological environment with a self-consistent light curve. <i>Monthly Notices of the Royal Astronomical Society</i> , 2024, 528, 3730-3744.	4.4	0
121	The reionizing bubble size distribution around galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2024, 528, 4872-4890.	4.4	0
122	Little Red Dots: An Abundant Population of Faint Active Galactic Nuclei at $z \sim 5$ Revealed by the EIGER and FRESCO JWST Surveys. <i>Astrophysical Journal</i> , 2024, 963, 129.	4.5	0