

Emanuele P Farina

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

5,234
citations

94269

37
h-index

85405

71
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82
all docs

82
docs citations

82
times ranked

3143
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.7	726
2	THE PAN-STARRS1 DISTANT $z \gtrsim 5.6$ QUASAR SURVEY: MORE THAN 100 QUASARS WITHIN THE FIRST GYR OF THE UNIVERSE. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 11.	3.0	266
3	A Luminous Quasar at Redshift 7.642. <i>Astrophysical Journal Letters</i> , 2021, 907, L1.	3.0	237
4	Physical Properties of 15 Quasars at $z \sim 6.5$. <i>Astrophysical Journal</i> , 2017, 849, 91.	1.6	230
5	An ALMA [C ii] Survey of 27 Quasars at $z \gtrsim 5.94$. <i>Astrophysical Journal</i> , 2018, 854, 97.	1.6	220
6	Pan-STARRS1: A Luminous $z \sim 7.5$ Quasar Hosting a 1.5 Billion Solar Mass Black Hole. <i>Astrophysical Journal Letters</i> , 2020, 897, L14.	3.0	202
7	Quantitative Constraints on the Reionization History from the IGM Damping Wing Signature in Two Quasars at $z \gtrsim 7$. <i>Astrophysical Journal</i> , 2018, 864, 142.	1.6	197
8	THE IDENTIFICATION OF $z \sim 6.5$ -DROPOUTS IN PAN-STARRS1: THREE QUASARS AT $6.5 < z < 6.7$. <i>Astrophysical Journal Letters</i> , 2015, 801, L11.	3.0	151
9	Rapidly star-forming galaxies adjacent to quasars at redshifts exceeding 6. <i>Nature</i> , 2017, 545, 457-461.	13.7	149
10	Pypelt: The Python Spectroscopic Data Reduction Pipeline. <i>Journal of Open Source Software</i> , 2020, 5, 2308.	2.0	128
11	DISCOVERY OF EIGHT $z \sim 6$ QUASARS FROM Pan-STARRS1. <i>Astronomical Journal</i> , 2014, 148, 14.	1.9	126
12	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.	1.6	114
13	QSO MUSEUM I: a sample of 61 extended Ly α -emission nebulae surrounding $z \sim 3$ quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3162-3205.	1.6	106
14	Copious Amounts of Dust and Gas in a $z \sim 7.5$ Quasar Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 851, L8.	3.0	103
15	A Significantly Neutral Intergalactic Medium Around the Luminous $z \sim 7$ Quasar J0252+0503. <i>Astrophysical Journal</i> , 2020, 896, 23.	1.6	97
16	CONSTRAINING THE RADIO-LOUD FRACTION OF QUASARS AT $z < 5.5$. <i>Astrophysical Journal</i> , 2015, 804, 118.	1.6	87
17	The Discovery of a Luminous Broad Absorption Line Quasar at a Redshift of 7.02. <i>Astrophysical Journal Letters</i> , 2018, 869, L9.	3.0	82
18	Hydrogen reionization ends by $z = 5.3$: Lyman- α optical depth measured by the XQR-30 sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 55-76.	1.6	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.	1.6	81
20	Dust Emission in an Accretion-rate-limited Sample of $z \sim 6$ Quasars. <i>Astrophysical Journal</i> , 2018, 866, 159.	1.6	77
21	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.	1.6	76
22	Measurements of the $z \sim 6$ Intergalactic Medium Optical Depth and Transmission Spikes Using a New $z > 6.3$ Quasar Sample. <i>Astrophysical Journal</i> , 2020, 904, 26.	1.6	71
23	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.	1.6	68
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.	1.6	66
25	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.	1.6	62
26	Detecting and Characterizing Young Quasars. I. Systemic Redshifts and Proximity Zone Measurements. <i>Astrophysical Journal</i> , 2020, 900, 37.	1.6	56
27	The Discovery of a Highly Accreting, Radio-loud Quasar at $z = 6.82$. <i>Astrophysical Journal</i> , 2021, 909, 80.	1.6	55
28	Resolved [C ii] Emission from $z > 6$ Quasar Host “Companion Galaxy Pairs. <i>Astrophysical Journal</i> , 2019, 882, 10.	1.6	53
29	BRIGHT [C II] 158 μm EMISSION IN A QUASAR HOST GALAXY AT $z = 6.54$. <i>Astrophysical Journal Letters</i> , 2015, 805, L8.	3.0	52
30	NO OVERDENSITY OF LYMAN-ALPHA EMITTING GALAXIES AROUND A QUASAR AT $z \sim 5.7$. <i>Astrophysical Journal</i> , 2017, 834, 83.	1.6	50
31	A Powerful Radio-loud Quasar at the End of Cosmic Reionization. <i>Astrophysical Journal Letters</i> , 2018, 861, L14.	3.0	50
32	No Evidence for Enhanced [O iii] $\lambda 844.6 \mu\text{m}$ Emission in a $z \sim 6$ Quasar Compared to Its Companion Starbursting Galaxy. <i>Astrophysical Journal Letters</i> , 2018, 869, L22.	3.0	49
33	Predicting Quasar Continua near Ly α with Principal Component Analysis. <i>Astrophysical Journal</i> , 2018, 864, 143.	1.6	49
34	The Evolution of O i over $3.2 < z < 6.5$: Reionization of the Circumgalactic Medium. <i>Astrophysical Journal</i> , 2019, 883, 163.	1.6	45
35	Mapping the Ly α Emission around a $z \sim 6.6$ QSO with MUSE: Extended Emission and a Companion at a Close Separation. <i>Astrophysical Journal</i> , 2017, 848, 78.	1.6	43
36	Mg ii Absorption at $z \sim 7$ with Magellan/Fire. III. Full Statistics of Absorption toward 100 High-redshift QSOs*. <i>Astrophysical Journal</i> , 2017, 850, 188.	1.6	42

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37	No Evidence for [C ii] Halos or High-velocity Outflows in $z \sim 6$ Quasar Host Galaxies. <i>Astrophysical Journal</i> , 2020, 904, 131.	1.6	41
38	THE MOLECULAR WIND IN THE NEAREST SEYFERT GALAXY CIRCINUS REVEALED BY ALMA. <i>Astrophysical Journal</i> , 2016, 832, 142.	1.6	39
39	A Metal-poor Damped Ly α System at Redshift 6.4. <i>Astrophysical Journal</i> , 2019, 885, 59.	1.6	38
40	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.	1.6	38
41	Revealing the Accretion Physics of Supermassive Black Holes at Redshift $z \sim 7$ with Chandra and Infrared Observations. <i>Astrophysical Journal</i> , 2021, 908, 53.	1.6	35
42	On the cool gaseous haloes of quasars.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 1267-1277.	1.6	34
43	The extent of the Mg ii absorbing circumgalactic medium of quasars.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 886-899.	1.6	33
44	Suppression of black-hole growth by strong outflows at redshifts 5.8–6.6. <i>Nature</i> , 2022, 605, 244-247.	13.7	33
45	ALMA multiline survey of the ISM in two quasar host-companion galaxy pairs at $z > 6$. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	32
46	Quasar feedback survey: multiphase outflows, turbulence, and evidence for feedback caused by low power radio jets inclined into the galaxy disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1608-1628.	1.6	32
47	Chandra X-Rays from the Redshift 7.54 Quasar ULAS J1342+0928. <i>Astrophysical Journal Letters</i> , 2018, 856, L25.	3.0	31
48	ALMA and HST Kiloparsec-scale Imaging of a Quasar-galaxy Merger at $z \sim 6.2$. <i>Astrophysical Journal</i> , 2019, 880, 157.	1.6	30
49	The quasar feedback survey: discovering hidden Radio-AGN and their connection to the host galaxy ionized gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1780-1797.	1.6	29
50	X-Ray Observations of a $z \sim 6.2$ Quasar/Galaxy Merger. <i>Astrophysical Journal</i> , 2019, 887, 171.	1.6	29
51	The $z = 7.54$ Quasar ULAS J1342+0928 Is Hosted by a Galaxy Merger. <i>Astrophysical Journal Letters</i> , 2019, 881, L23.	3.0	28
52	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.	1.6	27
53	Ly α Halos around $z \sim 6$ Quasars. <i>Astrophysical Journal</i> , 2019, 881, 131.	1.6	24
54	SPECTROSCOPY OF OPTICALLY SELECTED BL LAC OBJECTS AND THEIR β -RAY EMISSION. <i>Astronomical Journal</i> , 2013, 146, 163.	1.9	23

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55	The optical spectrum of PKS 1222+216 and its black hole mass. Monthly Notices of the Royal Astronomical Society, 2012, 424, 393-398.	1.6	21
56	Caught in the act: discovery of a physical quasar triplet. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1019-1025.	1.6	21
57	No Evidence for Millimeter Continuum Source Overdensities in the Environments of $z \sim 3$ Quasars. Astrophysical Journal, 2018, 867, 153.	1.6	21
58	X-Ray Observations of a [C ii]-bright, $z \sim 6.59$ Quasar/Companion System. Astrophysical Journal, 2020, 900, 189.	1.6	20
59	Molecular gas in $z \sim 6$ quasar host galaxies. Astronomy and Astrophysics, 2022, 662, A60.	2.1	20
60	Chemical abundance of $z \sim 6$ quasar broad-line regions in the XQR-30 sample. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1801-1819.	1.6	20
61	Enhanced X-Ray Emission from the Most Radio-powerful Quasar in the Universe's First Billion Years. Astrophysical Journal, 2021, 911, 120.	1.6	17
62	Spectral Energy Distributions of Companion Galaxies to $z \sim 6$ Quasars. Astrophysical Journal, 2019, 881, 163.	1.6	16
63	Constraining Galaxy Overdensities around Three $z \sim 6.5$ Quasars with ALMA and MUSE. Astrophysical Journal, 2022, 927, 141.	1.6	16
64	Discovery of intergalactic bridges connecting two faint $z \sim 3$ quasars. Astronomy and Astrophysics, 2019, 631, A18.	2.1	14
65	A study of six low-redshift quasar pairs. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3163-3167.	1.6	13
66	Dating individual quasars with the He II proximity effect. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5084-5103.	1.6	13
67	ALMA Reveals a Large Overdensity and Strong Clustering of Galaxies in Quasar Environments at $z \sim 4$. Astrophysical Journal, 2022, 927, 65.	1.6	13
68	The Ionized- and Cool-gas Content of the BR1202+0725 System as Seen by MUSE and ALMA. Astrophysical Journal, 2020, 902, 37.	1.6	12
69	The environment of low-redshift quasar pairs. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1835-1841.	1.6	10
70	The cluster-scale environment of PKS 2155+304. Monthly Notices of the Royal Astronomical Society, 2016, 455, 618-625.	1.6	9
71	Circumgalactic medium of quasars: CIV absorption systems. Monthly Notices of the Royal Astronomical Society, 2016, 457, 267-271.	1.6	9
72	A Multiwavelength Study of ELAN Environments (AMUSE ²). Mass Budget, Satellites Spin Alignment, and Gas Infall in a Massive $z \sim 3$ Quasar Host Halo. Astrophysical Journal, 2022, 930, 72.	1.6	8

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73	On the redshift of the blazar PKS 0447-439. <i>Astronomy and Astrophysics</i> , 2012, 545, A68.	2.1	7
74	APEX at the QSO MUSEUM: molecular gas reservoirs associated with $z \sim 3$ quasars and their link to the extended Ly α emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1462-1483.	1.6	6
75	The Decoupled Kinematics of High- z QSO Host Galaxies and Their Ly α Halos. <i>Astrophysical Journal</i> , 2022, 929, 86.	1.6	6
76	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.	1.9	6
77	Resolving the host galaxy of a distant blazar with LBT/LUCIFER + ARGOS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1835-1839.	1.6	4
78	The extended gas halo of QSO host galaxies. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 56-56.	0.0	1
79	The discovery of eight $z \sim 6$ quasars from Pan-STARRS1. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 19-22.	0.0	1
80	Circum-Galactic Medium in the Halo of Quasars. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	1.1	1
81	Reclassification of the nearest quasar pair candidate: SDSS J15244+3032 as RXS J15244+3032. <i>Astrophysics and Space Science</i> , 2013, 345, 199-202.	0.5	0