

J Xavier Prochaska

List of Publications by Year in descending order

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399
papers

29,845
citations

4146

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6836

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402
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402
docs citations

402
times ranked

13900
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multiwavelength Study of ELAN Environments (AMUSE ²). <i>Astronomy and Astrophysics</i> , 2022, 658, A77.	5.1	9
2	Characterizing the Fast Radio Burst Host Galaxy Population and its Connection to Transients in the Local and Extragalactic Universe. <i>Astronomical Journal</i> , 2022, 163, 69.	4.7	91
3	A Fast Radio Burst Progenitor Born in a Galaxy Merger. <i>Astrophysical Journal Letters</i> , 2022, 925, L20.	8.3	7
4	GRB 191016A: The onset of the forward shock and evidence of late energy injection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 6205-6217.	4.4	5
5	Deep Learning of Dark Energy Spectroscopic Instrument Mock Spectra to Find Damped Ly α Systems. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 28.	7.7	8
6	Constraining the Cosmic Baryon Distribution with Fast Radio Burst Foreground Mapping. <i>Astrophysical Journal</i> , 2022, 928, 9.	4.5	16
7	He II Ly α Transmission Spikes and Absorption Troughs in Eight High-resolution Spectra Probing the End of He II Reionization. <i>Astrophysical Journal</i> , 2022, 927, 175.	4.5	0
8	The CGM ² Survey: Circumgalactic O VI from Dwarf to Massive Star-forming Galaxies. <i>Astrophysical Journal</i> , 2022, 927, 147.	4.5	11
9	Monte Carlo Physarum Machine: Characteristics of Pattern Formation in Continuous Stochastic Transport Networks. <i>Artificial Life</i> , 2022, 28, 22-57.	1.3	7
10	A Multiwavelength Study of ELAN Environments (AMUSE ²). Mass Budget, Satellites Spin Alignment, and Gas Infall in a Massive $z \approx 3$ Quasar Host Halo. <i>Astrophysical Journal</i> , 2022, 930, 72.	4.5	8
11	CO excitation and line energy distributions in gas-selected galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 2346-2355.	4.4	4
12	First discoveries and localizations of Fast Radio Bursts with MeerTRAP: real-time, commensal MeerKAT survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1961-1974.	4.4	8
13	Jansky Very Large Array Detections of CO(1 \rightarrow 0) Emission in H I-absorption-selected Galaxies at $z \approx 2$. <i>Astrophysical Journal Letters</i> , 2022, 933, L42.	8.3	4
14	Statistical Correlation between the Distribution of Ly α Emitters and Intergalactic Medium H I at $z \approx 2.2$ Mapped by the Subaru/Hyper Suprime-Cam. <i>Astrophysical Journal</i> , 2021, 907, 3.	4.5	15
15	A Long Stream of Metal-poor Cool Gas around a Massive Starburst Galaxy at $z = 2.67$. <i>Astrophysical Journal</i> , 2021, 908, 188.	4.5	11
16	Polyphorm: Structural Analysis of Cosmological Datasets via Interactive Physarum Polycephalum Visualization. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2021, 27, 806-816.	4.4	6
17	On the environments of giant radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5104-5114.	4.4	12
18	Modeling the Prompt Optical Emission of GRB 180325A: The Evolution of a Spike from the Optical to Gamma Rays. <i>Astrophysical Journal</i> , 2021, 908, 39.	4.5	7

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19	Deep Learning of Sea Surface Temperature Patterns to Identify Ocean Extremes. <i>Remote Sensing</i> , 2021, 13, 744.	4.0	11
20	MUSE analysis of gas around galaxies (MAGG) at $z = 3$. The gas and galaxy environment of $z = 3$ quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3044-3064.	4.4	40
21	Circumgalactic Mg II Emission from an Isotropic Starburst Galaxy Outflow Mapped by KCWI. <i>Astrophysical Journal</i> , 2021, 909, 151.	4.5	43
22	CGM ² : I: The Extent of the Circumgalactic Medium Traced by Neutral Hydrogen. <i>Astrophysical Journal</i> , 2021, 912, 9.	4.5	29
23	Probabilistic Association of Transients to their Hosts (PATH). <i>Astrophysical Journal</i> , 2021, 911, 95.	4.5	32
24	New Evidence for Extended He II Reionization at $z \approx 3.5$ from He II Lyman Alpha and Beta Transmission Spikes*. <i>Astrophysical Journal</i> , 2021, 912, 38.	4.5	12
25	Multiwavelength Follow-up of FRB180309. <i>Astrophysical Journal</i> , 2021, 913, 78.	4.5	2
26	Dating individual quasars with the He II proximity effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5084-5103.	4.4	13
27	A High-resolution View of Fast Radio Burst Host Environments. <i>Astrophysical Journal</i> , 2021, 917, 75.	4.5	41
28	Constraining bright optical counterparts of fast radio bursts. <i>Astronomy and Astrophysics</i> , 2021, 653, A119.	5.1	10
29	Chronicling the Host Galaxy Properties of the Remarkable Repeating FRB 20201124A. <i>Astrophysical Journal Letters</i> , 2021, 919, L23.	8.3	45
30	Anomaly detection in Hyper Suprime-Cam galaxy images with generative adversarial networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2946-2963.	4.4	16
31	A [C II] 158 μ m emitter associated with an O I absorber at the end of the reionization epoch. <i>Nature Astronomy</i> , 2021, 5, 1110-1117.	10.1	9
32	Metal-enriched halo gas across galaxy overdensities over the last 10 billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4573-4599.	4.4	30
33	The COS Absorption Survey of Baryon Harbors: unveiling the physical conditions of circumgalactic gas through multiphase Bayesian ionization modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4993-5037.	4.4	29
34	The fast radio burst population evolves, consistent with the star formation rate. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 510, L18-L23.	3.3	39
35	The $z < 1$ DM distribution of fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4775-4802.	4.4	52
36	The Nature of HI-absorption-selected Galaxies at $z \approx 4$. <i>Astrophysical Journal</i> , 2021, 921, 68.	4.5	7

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37	The Third Data Release of the KODIAQ Survey. <i>Astronomical Journal</i> , 2021, 161, 45.	4.7	6
38	Multiphase outflows in post-starburst E+A galaxies â€“ I. General sample properties and the prevalence of obscured starbursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4457-4479.	4.4	14
39	Optical Spectroscopy of Dual Quasar Candidates from the Subaru HSC-SSP program. <i>Astrophysical Journal</i> , 2021, 922, 83.	4.5	13
40	Dissecting the Local Environment of FRB 190608 in the Spiral Arm of its Host Galaxy. <i>Astrophysical Journal</i> , 2021, 922, 173.	4.5	31
41	Estimating the Contribution of Foreground Halos to the FRB 180924 Dispersion Measure. <i>Astrophysical Journal</i> , 2021, 921, 134.	4.5	7
42	Massive Molecular Outflow and 100 kpc Extended Cold Halo Gas in the Enormous Ly α Nebula of QSO 1228+3128. <i>Astrophysical Journal Letters</i> , 2021, 922, L29.	8.3	16
43	Discovery of a Protocluster Core Associated with an Enormous Ly α Nebula at $z = 2.3$. <i>Astrophysical Journal</i> , 2021, 922, 236.	4.5	9
44	A Multiwavelength Study of ELAN Environments (AMUSE ²). Detection of a Dusty Star-forming Galaxy within the Enormous Ly α Nebula at $z=2.3$ Sheds Light on its Origin. <i>Astrophysical Journal</i> , 2021, 923, 200.	4.5	12
45	Optically thin spatially resolved Mg ^{II} emission maps the escape of ionizing photons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2554-2574.	4.4	47
46	Constraining magnetic fields in the circumgalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3142-3151.	4.4	19
47	Quasar Sightline and Galaxy Evolution (QSAGE) survey â€“ II. Galaxy overdensities around UV luminous quasars at $z = 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3083-3096.	4.4	11
48	A cold, massive, rotating disk galaxy 1.5 billion years after the Big Bang. <i>Nature</i> , 2020, 581, 269-272.	27.8	71
49	The Host Galaxies and Progenitors of Fast Radio Bursts Localized with the Australian Square Kilometre Array Pathfinder. <i>Astrophysical Journal Letters</i> , 2020, 895, L37.	8.3	113
50	A census of baryons in the Universe from localized fast radio bursts. <i>Nature</i> , 2020, 581, 391-395.	27.8	341
51	<i>Gaia</i> -assisted discovery of a detached low-ionisation BAL quasar with very large ejection velocities. <i>Astronomy and Astrophysics</i> , 2020, 634, A111.	5.1	4
52	A Data-driven Technique Using Millisecond Transients to Measure the Milky Way Halo. <i>Astrophysical Journal Letters</i> , 2020, 895, L49.	8.3	20
53	Revealing the Dark Threads of the Cosmic Web. <i>Astrophysical Journal Letters</i> , 2020, 891, L35.	8.3	25
54	Spectropolarimetric Analysis of FRB 181112 at Microsecond Resolution: Implications for Fast Radio Burst Emission Mechanism. <i>Astrophysical Journal Letters</i> , 2020, 891, L38.	8.3	82

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55	Effective Opacity of the Intergalactic Medium from Galaxy Spectra Analysis. <i>Astronomical Journal</i> , 2020, 160, 37.	4.7	4
56	Deep Hubble Space Telescope Imaging on the Extended Ly α Emission of a QSO at $z=2.19$ with a Damped Lyman Alpha System as a Natural Coronagraph. <i>Astrophysical Journal Letters</i> , 2020, 889, L12.	8.3	2
57	MUSE Analysis of Gas around Galaxies (MAGG) I: Survey design and the environment of a near pristine gas cloud at $z \sim 3.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2057-2074.	4.4	36
58	Testing galaxy formation simulations with damped Lyman- α abundance and metallicity evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2835-2846.	4.4	10
59	Discovery of a Rare Late-type, Low-mass Wolf-Rayet Star in the LMC. <i>Astrophysical Journal</i> , 2020, 888, 54.	4.5	6
60	A search for supernova-like optical counterparts to ASKAP-localised fast radio bursts. <i>Astronomy and Astrophysics</i> , 2020, 639, A119.	5.1	12
61	MUSE Analysis of Gas around Galaxies (MAGG) II: metal-enriched halo gas around $z \sim 1$ galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5022-5046.	4.4	47
62	A semisupervised machine learning search for never-seen gravitational-wave sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 5408-5419.	4.4	11
63	Pypelt: The Python Spectroscopic Data Reduction Pipeline. <i>Journal of Open Source Software</i> , 2020, 5, 2308.	4.6	128
64	Three-dimensional Distribution Map of H I Gas and Galaxies around an Enormous Ly α Nebula and Three QSOs at $z=2.3$ Revealed by the H I Tomographic Mapping Technique. <i>Astrophysical Journal</i> , 2020, 896, 45.	4.5	12
65	The PHLEK Survey: A New Determination of the Primordial Helium Abundance. <i>Astrophysical Journal</i> , 2020, 896, 77.	4.5	49
66	Project AMIGA: The Circumgalactic Medium of Andromeda*. <i>Astrophysical Journal</i> , 2020, 900, 9.	4.5	48
67	A Distant Fast Radio Burst Associated with Its Host Galaxy by the Very Large Array. <i>Astrophysical Journal</i> , 2020, 899, 161.	4.5	62
68	First Constraints on Compact Dark Matter from Fast Radio Burst Microstructure. <i>Astrophysical Journal</i> , 2020, 900, 122.	4.5	15
69	Disentangling the Cosmic Web toward FRB 190608. <i>Astrophysical Journal</i> , 2020, 901, 134.	4.5	26
70	Host Galaxy Properties and Offset Distributions of Fast Radio Bursts: Implications for Their Progenitors. <i>Astrophysical Journal</i> , 2020, 903, 152.	4.5	148
71	Limits on Precursor and Afterglow Radio Emission from a Fast Radio Burst in a Star-forming Galaxy. <i>Astrophysical Journal Letters</i> , 2020, 901, L20.	8.3	40
72	High Molecular Gas Masses in Absorption-selected Galaxies at $z \sim 2$. <i>Astrophysical Journal Letters</i> , 2020, 901, L5.	8.3	14

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91	Constraining sub-parsec binary supermassive black holes in quasars with multi-epoch spectroscopy â€“ III. Candidates from continued radial velocity tests. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3288-3307.	4.4	42
92	The large- and small-scale properties of the intergalactic gas in the Slug Ly α nebula revealed by MUSE He<sc>ii</sc> emission observations. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5188-5204.	4.4	78
93	Imprints of the first billion years: Lyman limit systems at $z \sim 5$. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1456-1470.	4.4	12
94	GRB 180620A: Evidence for Late-time Energy Injection. Astrophysical Journal, 2019, 887, 254.	4.5	11
95	Galactic Gas Flows from Halo to Disk: Tomography and Kinematics at the Milky Wayâ€™s Diskâ€™Halo Interface. Astrophysical Journal, 2019, 882, 76.	4.5	17
96	A VLT/FORS2 Narrowband Imaging Search for Mg ii Emission around $z \sim 0.7$ Galaxies. Astrophysical Journal, 2019, 879, 7.	4.5	8
97	Evolution of the Cool Gas in the Circumgalactic Medium of Massive Halos: A Keck Cosmic Web Imager Survey of Ly α Emission around QSOs at $z \sim 2$. Astrophysical Journal, Supplement Series, 2019, 245, 23.	7.7	76
98	Discovery of intergalactic bridges connecting two faint $z \sim 3$ quasars. Astronomy and Astrophysics, 2019, 631, A18.	5.1	14
99	ALMA C ii 158 μ m Imaging of an H i-selected Major Merger at $z \sim 4$. Astrophysical Journal Letters, 2019, 886, L35.	8.3	10
100	[C ii] 158 μ m Emission from $z \sim 4$ H i Absorption-selected Galaxies. Astrophysical Journal Letters, 2019, 870, L19.	8.3	28
101	The Cold Circumgalactic Environment of MAMMOTH-I: Dynamically Cold Gas in the Core of an Enormous Ly α Nebula. Astrophysical Journal, 2019, 887, 86.	4.5	19
102	The Nature of Ionized Gas in the Milky Way Galactic Fountain. Astrophysical Journal, 2019, 887, 89.	4.5	24
103	HI Absorption in the Intergalactic Medium. Saas-Fee Advanced Course, 2019, , 111-188.	1.1	2
104	Massive, Absorption-selected Galaxies at Intermediate Redshifts. Astrophysical Journal Letters, 2018, 856, L23.	8.3	27
105	Deep learning of quasar spectra to discover and characterize damped Ly α systems. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1151-1168.	4.4	52
106	Quasar 2175... dust absorbers â€“ II. Correlation analysis and relationship with other absorption line systems. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4870-4880.	4.4	13
107	A VLT/MUSE galaxy survey towards QSO Q1410: looking for a WHIM traced by BLAs in inter-cluster filamentsâ€¦. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2991-3013.	4.4	10
108	On the CGM Fundamental Plane: The Halo Mass Dependency of Circumgalactic H i. Astrophysical Journal, 2018, 864, 132.	4.5	19

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109	Searching for the Lowest-metallicity Galaxies in the Local Universe. <i>Astrophysical Journal</i> , 2018, 863, 134.	4.5	29
110	ALMA observations of a metal-rich damped Ly α absorber at $z = 2.5832$: evidence for strong galactic winds in a galaxy group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2126-2132.	4.4	19
111	Revealing the Host Galaxy of a Quasar 2175 Å... Dust Absorber at $z = 2.12$. <i>Astrophysical Journal Letters</i> , 2018, 857, L12.	8.3	7
112	Overdensity of submillimeter galaxies around the $z \approx 2.3$ MAMMOTH-1 nebula. <i>Astronomy and Astrophysics</i> , 2018, 620, A202.	5.1	21
113	Two more, bright, $z > 6$ quasars from VST ATLAS and WISE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1649-1659.	4.4	32
114	Extreme Circumgalactic H I and C III Absorption around the Most Massive, Quenched Galaxies. <i>Astrophysical Journal</i> , 2018, 867, 106.	4.5	6
115	Hunting for metals using XQ-100 Legacy Survey composite spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 105-121.	4.4	12
116	A Search for the Host Galaxy of FRB 171020. <i>Astrophysical Journal Letters</i> , 2018, 867, L10.	8.3	38
117	On the limitations of statistical absorption studies with the Sloan Digital Sky Surveys – III. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3520-3529.	4.4	4
118	The gas and stellar mass of low-redshift damped Lyman- α absorbers. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 473, L54-L58.	3.3	8
119	The Astropy Project: Building an Open-science Project and Status of the v2.0 Core Package. <i>Astronomical Journal</i> , 2018, 156, 123.	4.7	4,142
120	First Data Release of the COSMOS Ly α Mapping and Tomography Observations: 3D Ly α Forest Tomography at $2.05 < z < 2.55$. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 31.	7.7	80
121	Direct evidence of AGN feedback: a post-starburst galaxy stripped of its gas by AGN-driven winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3993-4016.	4.4	43
122	MAHALO Deep Cluster Survey I. Accelerated and enhanced galaxy formation in the densest regions of a protocluster at $z \approx 2.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1977-1999.	4.4	43
123	The astrophysical consequences of intervening galaxy gas on fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 318-325.	4.4	17
124	Inspiraling halo accretion mapped in Ly α emission around a $z \approx 3$ quasar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 3907-3940.	4.4	79
125	Molecular Emission from a Galaxy Associated with a $z \approx 2.2$ Damped Ly α Absorber. <i>Astrophysical Journal Letters</i> , 2018, 856, L12.	8.3	31
126	The Spectral and Environment Properties of $z \approx 2.0 - 2.5$ Quasar Pairs. <i>Astrophysical Journal</i> , 2018, 860, 41.	4.5	16

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127	Keck/Palomar Cosmic Web Imagers Reveal an Enormous Ly α Nebula in an Extremely Overdense Quasi-stellar Object Pair Field at $z=2.45$. <i>Astrophysical Journal Letters</i> , 2018, 861, L3.	8.3	41
128	Spectral Image Classification with Deep Learning. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 094501.	3.1	2
129	ALMA + VLT observations of a damped Lyman- α absorbing galaxy: massive, wide CO emission, gas-rich but with very low SFR. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4039-4055.	4.4	27
130	Quasars Probing Quasars. IX. The Kinematics of the Circumgalactic Medium Surrounding $z \sim 2$ Quasars. <i>Astrophysical Journal</i> , 2018, 857, 126.	4.5	21
131	Quasars Probing Quasars. X. The Quasar Pair Spectral Database. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 44.	7.7	14
132	Dissecting cold gas in a high-redshift galaxy using a lensed background quasar. <i>Astronomy and Astrophysics</i> , 2018, 619, A142.	5.1	12
133	Photometric Observations of Supernova 2013cq Associated with GRB 130427A. <i>Astrophysical Journal</i> , 2017, 837, 116.	4.5	17
134	Discovery of an Enormous Ly α Nebula in a Massive Galaxy Overdensity at $z=2.3$. <i>Astrophysical Journal</i> , 2017, 837, 71.	4.5	111
135	Implications of $z \sim 6$ Quasar Proximity Zones for the Epoch of Reionization and Quasar Lifetimes. <i>Astrophysical Journal</i> , 2017, 840, 24.	4.5	122
136	Measurement of the small-scale structure of the intergalactic medium using close quasar pairs. <i>Science</i> , 2017, 356, 418-422.	12.6	39
137	No Evidence for Feedback: Unexceptional Low-ionization Winds in Host Galaxies of Low Luminosity Active Galactic Nuclei at Redshift $z \sim 1$. <i>Astrophysical Journal</i> , 2017, 841, 83.	4.5	11
138	The igmspec database of public spectra probing the intergalactic medium. <i>Astronomy and Computing</i> , 2017, 19, 27-33.	1.7	21
139	[C II] 158- μ m emission from the host galaxies of damped Lyman-alpha systems. <i>Science</i> , 2017, 355, 1285-1288.	12.6	50
140	The COS-Halos Survey: Metallicities in the Low-redshift Circumgalactic Medium. <i>Astrophysical Journal</i> , 2017, 837, 169.	4.5	203
141	Swope Supernova Survey 2017a (SSS17a), the optical counterpart to a gravitational wave source. <i>Science</i> , 2017, 358, 1556-1558.	12.6	811
142	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. <i>Science</i> , 2017, 358, 1570-1574.	12.6	517
143	Electromagnetic evidence that SSS17a is the result of a binary neutron star merger. <i>Science</i> , 2017, 358, 1583-1587.	12.6	203
144	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. <i>Science</i> , 2017, 358, 1574-1578.	12.6	240

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145	A Neutron Star Binary Merger Model for GW170817/GRB 170817A/SSS17a. <i>Astrophysical Journal Letters</i> , 2017, 848, L34.	8.3	101
146	The Unprecedented Properties of the First Electromagnetic Counterpart to a Gravitational-wave Source. <i>Astrophysical Journal Letters</i> , 2017, 848, L26.	8.3	31
147	The Old Host-galaxy Environment of SSS17a, the First Electromagnetic Counterpart to a Gravitational-wave Source*. <i>Astrophysical Journal Letters</i> , 2017, 848, L30.	8.3	54
148	Correcting Λ -based virial black hole masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2120-2142.	4.4	131
149	The Second Data Release of the KODIAQ Survey. <i>Astronomical Journal</i> , 2017, 154, 114.	4.7	44
150	Mapping the Most Massive Overdensities through Hydrogen (MAMMOTH). II. Discovery of the Extremely Massive Overdensity BOSS1441 at $z=2.32$. <i>Astrophysical Journal</i> , 2017, 839, 131.	4.5	84
151	Project AMIGA: A Minimal Covering Factor for Optically Thick Circumgalactic Gas around the Andromeda Galaxy. <i>Astrophysical Journal</i> , 2017, 846, 141.	4.5	17
152	ALMA and RATIR observations of GRB131030A. <i>Publication of the Astronomical Society of Japan</i> , 2017, 69, .	2.5	2
153	The Circumgalactic Medium of Submillimeter Galaxies. II. Unobscured QSOs within Dusty Starbursts and QSO Sightlines with Impact Parameters below 100 kpc. <i>Astrophysical Journal</i> , 2017, 844, 123.	4.5	6
154	The survival of gas clouds in the circumgalactic medium of Milky Way-like galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 114-125.	4.4	110
155	Evidence of ongoing AGN-driven feedback in a quiescent post-starburst E+A galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1687-1702.	4.4	31
156	Statistical Detection of the He II Transverse Proximity Effect: Evidence for Sustained Quasar Activity for >25 Million Years. <i>Astrophysical Journal</i> , 2017, 847, 81.	4.5	36
157	The Little Cub: Discovery of an Extremely Metal-poor Star-forming Galaxy in the Local Universe. <i>Astrophysical Journal Letters</i> , 2017, 845, L22.	8.3	30
158	Circumgalactic Oxygen Absorption and Feedback. <i>Astrophysical Journal Letters</i> , 2017, 846, L24.	8.3	34
159	Quasar 2175... dust absorbers I. Metallicity, depletion pattern and kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2196-2220.	4.4	17
160	Witnessing galaxy assembly in an extended ~ 3 structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3686-3698.	4.4	41
161	Statistical Detection of the He II Transverse Proximity Effect: Evidence for Sustained Quasar Activity for >25 Million Years. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	2.8	0
162	Giant Metrewave Radio Telescope detection of associated H α 21-cm absorption at $z=1.2230$ towards TXS1954+513. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 5011-5015.	4.4	21

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163	Gas inflow and outflow in an interacting high-redshift galaxy. <i>Astronomy and Astrophysics</i> , 2017, 607, A107.	5.1	16
164	On the selection of damped Lyman $\hat{\pm}$ systems using Mg $\langle \text{sc} \rangle$ absorption at $z \approx 4$. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 464, L56-L60.	3.3	15
165	Significant and variable linear polarization during the prompt optical flash of GRB 160625B. <i>Nature</i> , 2017, 547, 425-427.	27.8	93
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