

J Xavier Prochaska

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

391
papers

22,433
citations

80
h-index

134
g-index

402
ext. papers

25,548
ext. citations

6.5
avg, IF

6.95
L-index

#	Paper	IF	Citations
391	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	4.9	15
390	A Fast Radio Burst Progenitor Born in a Galaxy Merger. <i>Astrophysical Journal Letters</i> , 2022 , 925, L20	7.9	0
389	Deep Learning of Dark Energy Spectroscopic Instrument Mock Spectra to Find Damped Ly α Systems. <i>Astrophysical Journal, Supplement Series</i> , 2022 , 259, 28	8	0
388	Constraining the Cosmic Baryon Distribution with Fast Radio Burst Foreground Mapping. <i>Astrophysical Journal</i> , 2022 , 928, 9	4.7	2
387	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	4.7	
386	The CGM2 Survey: Circumgalactic O vi from Dwarf to Massive Star-forming Galaxies. <i>Astrophysical Journal</i> , 2022 , 927, 147	4.7	2
385	A Multiwavelength Study of ELAN Environments (AMUSE2). Mass Budget, Satellites Spin Alignment, and Gas Infall in a Massive $z \sim 3$ Quasar Host Halo. <i>Astrophysical Journal</i> , 2022 , 930, 72	4.7	1
384	Optical Spectroscopy of Dual Quasar Candidates from the Subaru HSC-SSP program. <i>Astrophysical Journal</i> , 2021 , 922, 83	4.7	1
383	Dissecting the Local Environment of FRB 190608 in the Spiral Arm of its Host Galaxy. <i>Astrophysical Journal</i> , 2021 , 922, 173	4.7	7
382	Estimating the Contribution of Foreground Halos to the FRB 180924 Dispersion Measure. <i>Astrophysical Journal</i> , 2021 , 921, 134	4.7	2
381	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	7.9	2
380	The Nature of Hi-absorption-selected Galaxies at $z \sim 4$. <i>Astrophysical Journal</i> , 2021 , 921, 68	4.7	2
379	The Third Data Release of the KODIAQ Survey. <i>Astronomical Journal</i> , 2021 , 161, 45	4.9	4
378	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	4.3	9
377	MUSE analysis of gas around galaxies (MAGG) â€”III. The gas and galaxy environment of $z = 3\text{--}4.5$ quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 3044-3064	4.3	11
376	Circumgalactic Mg ii Emission from an Isotropic Starburst Galaxy Outflow Mapped by KCWI. <i>Astrophysical Journal</i> , 2021 , 909, 151	4.7	15
375	CGM2 I: The Extent of the Circumgalactic Medium Traced by Neutral Hydrogen. <i>Astrophysical Journal</i> , 2021 , 912, 9	4.7	9

374	Probabilistic Association of Transients to their Hosts (PATH). <i>Astrophysical Journal</i> , 2021 , 911, 95	4.7	8
373	New Evidence for Extended He ii Reionization at $z \sim 3.5$ from He ii Lyman Alpha and Beta Transmission Spikes*. <i>Astrophysical Journal</i> , 2021 , 912, 38	4.7	6
372	Multiwavelength Follow-up of FRB180309. <i>Astrophysical Journal</i> , 2021 , 913, 78	4.7	1
371	Dating individual quasars with the He ii proximity effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 5084-5103	4.3	7
370	Statistical Correlation between the Distribution of Ly α Emitters and Intergalactic Medium H i at $z \sim 2.2$ Mapped by the Subaru/Hyper Suprime-Cam. <i>Astrophysical Journal</i> , 2021 , 907, 3	4.7	9
369	A Long Stream of Metal-poor Cool Gas around a Massive Starburst Galaxy at $z = 2.67$. <i>Astrophysical Journal</i> , 2021 , 908, 188	4.7	4
368	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
367	On the environments of giant radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 5104-5114	4.3	3
366	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	4.7	1
365	Deep Learning of Sea Surface Temperature Patterns to Identify Ocean Extremes. <i>Remote Sensing</i> , 2021 , 13, 744	5	1
364	A High-resolution View of Fast Radio Burst Host Environments. <i>Astrophysical Journal</i> , 2021 , 917, 75	4.7	17
363	Constraining bright optical counterparts of fast radio bursts. <i>Astronomy and Astrophysics</i> , 2021 , 653, A119	5.1	3
362	Chronicling the Host Galaxy Properties of the Remarkable Repeating FRB 20201124A. <i>Astrophysical Journal Letters</i> , 2021 , 919, L23	7.9	17
361	Discovery of a Protocluster Core Associated with an Enormous Ly α Nebula at $z = 2.3$. <i>Astrophysical Journal</i> , 2021 , 922, 236	4.7	1
360	Monte Carlo Physarum Machine: Characteristics of Pattern Formation in Continuous Stochastic Transport Networks.. <i>Artificial Life</i> , 2021 , 1-36	1.4	1
359	A Multiwavelength Study of ELAN Environments (AMUSE2). 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	4.7	4
358	A cold, massive, rotating disk galaxy 1.5 billion years after the Big Bang. <i>Nature</i> , 2020 , 581, 269-272	50.4	30
357	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	7.9	63

356	A census of baryons in the Universe from localized fast radio bursts. <i>Nature</i> , 2020 , 581, 391-395	50.4	167
355	Gaia-assisted discovery of a detached low-ionisation BAL quasar with very large ejection velocities. <i>Astronomy and Astrophysics</i> , 2020 , 634, A111	5.1	2
354	A Data-driven Technique Using Millisecond Transients to Measure the Milky Way Halo. <i>Astrophysical Journal Letters</i> , 2020 , 895, L49	7.9	11
353	Revealing the Dark Threads of the Cosmic Web. <i>Astrophysical Journal Letters</i> , 2020 , 891, L35	7.9	16
352	Spectropolarimetric Analysis of FRB 181112 at Microsecond Resolution: Implications for Fast Radio Burst Emission Mechanism. <i>Astrophysical Journal Letters</i> , 2020 , 891, L38	7.9	52
351	Effective Opacity of the Intergalactic Medium from Galaxy Spectra Analysis. <i>Astronomical Journal</i> , 2020 , 160, 37	4.9	2
350	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	7.9	1
349	MUSE Analysis of Gas around Galaxies (MAGG) α : Survey design and the environment of a near pristine gas cloud at $z \approx 5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 2057-2074	4.3	16
348	Pypelt: The Python Spectroscopic Data Reduction Pipeline. <i>Journal of Open Source Software</i> , 2020 , 5, 2308	5.2	30
347	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	4.7	10
346	The PHLEK Survey: A New Determination of the Primordial Helium Abundance. <i>Astrophysical Journal</i> , 2020 , 896, 77	4.7	17
345	Project AMIGA: The Circumgalactic Medium of Andromeda. <i>Astrophysical Journal</i> , 2020 , 900, 9	4.7	25
344	A Distant Fast Radio Burst Associated with Its Host Galaxy by the Very Large Array. <i>Astrophysical Journal</i> , 2020 , 899, 161	4.7	34
343	First Constraints on Compact Dark Matter from Fast Radio Burst Microstructure. <i>Astrophysical Journal</i> , 2020 , 900, 122	4.7	7
342	Disentangling the Cosmic Web toward FRB 190608. <i>Astrophysical Journal</i> , 2020 , 901, 134	4.7	14
341	Host Galaxy Properties and Offset Distributions of Fast Radio Bursts: Implications for Their Progenitors. <i>Astrophysical Journal</i> , 2020 , 903, 152	4.7	64
340	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	7.9	24
339	High Molecular Gas Masses in Absorption-selected Galaxies at $z \approx 2$. <i>Astrophysical Journal Letters</i> , 2020 , 901, L5	7.9	8

338	Confronting the Magnetar Interpretation of Fast Radio Bursts through Their Host Galaxy Demographics. <i>Astrophysical Journal Letters</i> , 2020 , 905, L30	7.9	12
337	A search for supernova-like optical counterparts to ASKAP-localised fast radio bursts. <i>Astronomy and Astrophysics</i> , 2020 , 639, A119	5.1	7
336	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	4.3	20
335	A semisupervised machine learning search for never-seen gravitational-wave sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 5408-5419	4.3	3
334	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	4.3	15
333	Constraining magnetic fields in the circumgalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 3142-3151	4.3	8
332	Quasar Sightline and Galaxy Evolution (QSAGE) survey II. Galaxy overdensities around UV luminous quasars at $z \approx 1.4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 497, 3083-3096	4.3	6
331	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	4.3	7
330	Discovery of a Rare Late-type, Low-mass Wolf-Rayet Star in the LMC. <i>Astrophysical Journal</i> , 2020 , 888, 54	4.7	5
329	The low density and magnetization of a massive galaxy halo exposed by a fast radio burst. <i>Science</i> , 2019 , 366, 231-234	33.3	137
328	Kinematics of C iv and [O iii] emission in luminous high-redshift quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 5335-5348	4.3	16
327	Enhancement of H α absorption associated with the $z = 3.1$ large-scale proto-cluster and characteristic structures with AGNs sculptured over Gpc scale in the SSA22 field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 ,	4.3	6
326	Quasar Sightline and Galaxy Evolution (QSAGE) survey II. The galaxy environment of O vi absorbers up to $z = 1.4$ around PKS 0232-04. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 21-41	4.3	19
325	The power spectrum of the Lyman-Forest at z <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 486, 769-782	4.3	17
324	Spectroscopic Redshift of the Gamma-Ray Blazar B2 1215+30 from Ly α Emission. <i>Astronomical Journal</i> , 2019 , 157, 41	4.9	2
323	Discovery of a Ly α Emitting Dark Cloud within the $z \sim 2.8$ SMM J02399-0136 System. <i>Astrophysical Journal</i> , 2019 , 875, 130	4.7	8
322	The Evolution of the He ii-ionizing Background at Redshifts 2.3 <i>Astrophysical Journal</i> , 2019 , 875, 111	4.7	22
321	CGM properties in VELA and NIHAO simulations; the OVI ionization mechanism: dependence on redshift, halo mass, and radius. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 3625-3645	4.3	17

320	A multiwavelength analysis of a collection of short-duration GRBs observed between 2012 and 2015. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 5294-5318	4-3	12
319	QSO MUSEUM I: a sample of 61 extended Ly α emission nebulae surrounding ~ 3 quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 3162-3205	4-3	64
318	Constraining sub-parsec binary supermassive black holes in quasars with multi-epoch spectroscopy III. Candidates from continued radial velocity tests. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 3288-3307	4-3	22
317	The large- and small-scale properties of the intergalactic gas in the Slug Ly α nebula revealed by MUSE He II emission observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 483, 5188-5204	4-3	48
316	Probing Galactic haloes with fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 ,	4-3	71
315	Imprints of the first billion years: Lyman limit systems at $z \sim 5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 482, 1456-1470	4-3	6
314	Reverse Shock Emission Revealed in Early Photometry in the Candidate Short GRB 180418A. <i>Astrophysical Journal</i> , 2019 , 881, 12	4-7	10
313	Linking gas and galaxies at high redshift: MUSE surveys the environments of six damped Ly α systems at $z \sim 6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 5070-5096	4-3	18
312	A single fast radio burst localized to a massive galaxy at cosmological distance. <i>Science</i> , 2019 , 365, 565-570	3-3	208
311	Multi-filament gas inflows fuelling young star-forming galaxies. <i>Nature Astronomy</i> , 2019 , 3, 822-831	12-1	21
310	The COS Absorption Survey of Baryon Harbors (CASBaH): Warm and Hot Circumgalactic Gas Reservoirs Traced by Ne VIII Absorption. <i>Astrophysical Journal Letters</i> , 2019 , 877, L20	7-9	36
309	A Metal-poor Damped Ly α System at Redshift 6.4. <i>Astrophysical Journal</i> , 2019 , 885, 59	4-7	22
308	The COS Absorption Survey of Baryon Harbors: The Galaxy Database and Cross-correlation Analysis of O VI Systems. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 243, 24	8	15
307	The Cold Circumgalactic Environment of MAMMOTH-I: Dynamically Cold Gas in the Core of an Enormous Ly α Nebula. <i>Astrophysical Journal</i> , 2019 , 887, 86	4-7	12
306	The Nature of Ionized Gas in the Milky Way Galactic Fountain. <i>Astrophysical Journal</i> , 2019 , 887, 89	4-7	14
305	HI Absorption in the Intergalactic Medium. <i>Saas-Fee Advanced Course</i> , 2019 , 111-188	1-2	1
304	GRB 180620A: Evidence for Late-time Energy Injection. <i>Astrophysical Journal</i> , 2019 , 887, 254	4-7	1
303	Galactic Gas Flows from Halo to Disk: Tomography and Kinematics at the Milky Way's Disk-Halo Interface. <i>Astrophysical Journal</i> , 2019 , 882, 76	4-7	12

302	A VLT/FORS2 Narrowband Imaging Search for Mg ii Emission around $z \sim 0.7$ Galaxies. <i>Astrophysical Journal</i> , 2019 , 879, 7	4.7	7
301	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 $z \sim 2$. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 245, 23	8	37
300	Discovery of intergalactic bridges connecting two faint $z \sim 3$ quasars. <i>Astronomy and Astrophysics</i> , 2019 , 631, A18	5.1	10
299	ALMA C ii 158 μ m Imaging of an H i-selected Major Merger at $z \sim 4$. <i>Astrophysical Journal Letters</i> , 2019 , 886, L35	7.9	5
298	[C ii] 158 μ m Emission from $z \sim 4$ H i Absorption-selected Galaxies. <i>Astrophysical Journal Letters</i> , 2019 , 870, L19	7.9	17
297	Massive, Absorption-selected Galaxies at Intermediate Redshifts. <i>Astrophysical Journal Letters</i> , 2018 , 856, L23	7.9	19
296	Deep learning of quasar spectra to discover and characterize damped Ly α systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 1151-1168	4.3	35
295	Quasar 2175 τ dust absorbers τ . Correlation analysis and relationship with other absorption line systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 4870-4880	4.3	11
294	A VLT/MUSE galaxy survey towards QSO Q1410: looking for a WHIM traced by BLAs in inter-cluster filaments?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 2991-3013	4.3	4
293	The Spectral and Environment Properties of $z \sim 2.0 \pm 0.5$ Quasar Pairs. <i>Astrophysical Journal</i> , 2018 , 860, 41	4.7	8
292	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	7.9	30
291	Spectral Image Classification with Deep Learning. <i>Publications of the Astronomical Society of the Pacific</i> , 2018 , 130, 094501	5	1
290	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	4.3	19
289	Quasars Probing Quasars. IX. The Kinematics of the Circumgalactic Medium Surrounding $z \sim 2$ Quasars. <i>Astrophysical Journal</i> , 2018 , 857, 126	4.7	14
288	Quasars Probing Quasars. X. The Quasar Pair Spectral Database. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 236, 44	8	9
287	Dissecting cold gas in a high-redshift galaxy using a lensed background quasar. <i>Astronomy and Astrophysics</i> , 2018 , 619, A142	5.1	9
286	On the CGM Fundamental Plane: The Halo Mass Dependency of Circumgalactic H i. <i>Astrophysical Journal</i> , 2018 , 864, 132	4.7	13
285	Searching for the Lowest-metallicity Galaxies in the Local Universe. <i>Astrophysical Journal</i> , 2018 , 863, 134	4.7	18

284	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	4.3	13
283	Revealing the Host Galaxy of a Quasar 2175 A Dust Absorber at $z = 2.12$. <i>Astrophysical Journal Letters</i> , 2018 , 857, L12	7.9	4
282	Overdensity of submillimeter galaxies around the $z \sim 2.3$ MAMMOTH-1 nebula. <i>Astronomy and Astrophysics</i> , 2018 , 620, A202	5.1	14
281	Two more, bright, $z > 6$ quasars from VST ATLAS and WISE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 1649-1659	4.3	21
280	Extreme Circumgalactic H I and C III Absorption around the Most Massive, Quenched Galaxies. <i>Astrophysical Journal</i> , 2018 , 867, 106	4.7	5
279	Hunting for metals using XQ-100 Legacy Survey composite spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 105-121	4.3	8
278	A Search for the Host Galaxy of FRB 171020. <i>Astrophysical Journal Letters</i> , 2018 , 867, L10	7.9	30
277	On the limitations of statistical absorption studies with the Sloan Digital Sky Surveys I&II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 3520-3529	4.3	4
276	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	4.3	7
275	The Astropy Project: Building an Open-science Project and Status of the v2.0 Core Package. <i>Astronomical Journal</i> , 2018 , 156, 123	4.9	2084
274	First Data Release of the COSMOS Ly α Mapping and Tomography Observations: 3D Ly α Forest Tomography at $z \sim 2.05$ <i>Astrophysical Journal, Supplement Series</i> , 2018 , 237, 31	8	50
273	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	4.3	31
272	MAHALO Deep Cluster Survey I. Accelerated and enhanced galaxy formation in the densest regions of a protocluster at $z \sim 2.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 1977-1999	4.3	27
271	The astrophysical consequences of intervening galaxy gas on fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 474, 318-325	4.3	9
270	Inspiraling halo accretion mapped in Ly α emission around a $z \sim 2.3$ quasar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 3907-3940	4.3	56
269	Molecular Emission from a Galaxy Associated with a $z \sim 2.2$ Damped Ly α Absorber. <i>Astrophysical Journal Letters</i> , 2018 , 856, L12	7.9	23
268	Photometric Observations of Supernova 2013cq Associated with GRB 130427A. <i>Astrophysical Journal</i> , 2017 , 837, 116	4.7	10
267	Discovery of an Enormous Ly α Nebula in a Massive Galaxy Overdensity at $z = 2.3$. <i>Astrophysical Journal</i> , 2017 , 837, 71	4.7	80

266	Implications of $z \sim 6$ Quasar Proximity Zones for the Epoch of Reionization and Quasar Lifetimes. <i>Astrophysical Journal</i> , 2017 , 840, 24	4.7	89
265	Measurement of the small-scale structure of the intergalactic medium using close quasar pairs. <i>Science</i> , 2017 , 356, 418-422	33.3	29
264	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	4.7	7
263	The igmspec database of public spectra probing the intergalactic medium. <i>Astronomy and Computing</i> , 2017 , 19, 27-33	2.4	13
262	[C ii] 158- μ m emission from the host galaxies of damped Lyman-alpha systems. <i>Science</i> , 2017 , 355, 1285-1288	33.3	38
261	The COS-Halos Survey: Metallicities in the Low-redshift Circumgalactic Medium. <i>Astrophysical Journal</i> , 2017 , 837, 169	4.7	159
260	Swope Supernova Survey 2017a (SSS17a), the optical counterpart to a gravitational wave source. <i>Science</i> , 2017 , 358, 1556-1558	33.3	616
259	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. <i>Science</i> , 2017 , 358, 1570-1574	33.3	352
258	Electromagnetic evidence that SSS17a is the result of a binary neutron star merger. <i>Science</i> , 2017 , 358, 1583-1587	33.3	156
257	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. <i>Science</i> , 2017 , 358, 1574-1578	33.3	170
256	A Neutron Star Binary Merger Model for GW170817/GRB 170817A/SSS17a. <i>Astrophysical Journal Letters</i> , 2017 , 848, L34	7.9	86
255	The Unprecedented Properties of the First Electromagnetic Counterpart to a Gravitational-wave Source. <i>Astrophysical Journal Letters</i> , 2017 , 848, L26	7.9	27
254	The Old Host-galaxy Environment of SSS17a, the First Electromagnetic Counterpart to a Gravitational-wave Source. <i>Astrophysical Journal Letters</i> , 2017 , 848, L30	7.9	39
253	Giant Metrewave Radio Telescope detection of associated H i 21-cm absorption at $z = 0.2230$ towards TXS J1954+513. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 5011-5015	4.3	16
252	Gas inflow and outflow in an interacting high-redshift galaxy. <i>Astronomy and Astrophysics</i> , 2017 , 607, A107	5.1	13
251	On the selection of damped Lyman α systems using Mg ii absorption at $z \sim 2$. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017 , 464, L56-L60	4.3	13
250	Correcting C_{IV} -based virial black hole masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 2120-2142	4.3	94
249	The Second Data Release of the KODIAQ Survey. <i>Astronomical Journal</i> , 2017 , 154, 114	4.9	35

248	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	4.7	61
247	Project AMIGA: A Minimal Covering Factor for Optically Thick Circumgalactic Gas around the Andromeda Galaxy. <i>Astrophysical Journal</i> , 2017 , 846, 141	4.7	10
246	ALMA and RATIR observations of GRB 131030A. <i>Publication of the Astronomical Society of Japan</i> , 2017 , psw124	3.2	2
245	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	4.7	3
244	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	4.3	87
243	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	4.3	20
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