

J Xavier Prochaska

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6098877/publications.pdf>

Version: 2024-02-01

399
papers

29,845
citations

4145

87
h-index

6835

155
g-index

402
all docs

402
docs citations

402
times ranked

13900
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Swope Supernova Survey 2017a (SSS17a), the optical counterpart to a gravitational wave source. <i>Science</i> , 2017, 358, 1556-1558.	12.6	811
3	Further Evidence for Cosmological Evolution of the Fine Structure Constant. <i>Physical Review Letters</i> , 2001, 87, 091301.	7.8	663
4	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. <i>Science</i> , 2017, 358, 1570-1574.	12.6	517
5	THE COS-HALOS SURVEY: PHYSICAL CONDITIONS AND BARYONIC MASS IN THE LOW-REDSHIFT CIRCUMGALACTIC MEDIUM. <i>Astrophysical Journal</i> , 2014, 792, 8.	4.5	464
6	The Large, Oxygen-Rich Halos of Star-Forming Galaxies Are a Major Reservoir of Galactic Metals. <i>Science</i> , 2011, 334, 948-952.	12.6	442
7	A census of baryons in the Universe from localized fast radio bursts. <i>Nature</i> , 2020, 581, 391-395.	27.8	341
8	An empirical relation between sodium absorption and dust extinction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1465-1474.	4.4	330
9	LOW-RESOLUTION SPECTROSCOPY OF GAMMA-RAY BURST OPTICAL AFTERGLOWS: BIASES IN THE <i>SWIFT</i> SAMPLE AND CHARACTERIZATION OF THE ABSORBERS. <i>Astrophysical Journal, Supplement Series</i> , 2009, 185, 526-573.	7.7	295
10	A single fast radio burst localized to a massive galaxy at cosmological distance. <i>Science</i> , 2019, 365, 565-570.	12.6	295
11	METALLICITY EVOLUTION OF DAMPED Ly α SYSTEMS OUT TO <i>z</i> 5. <i>Astrophysical Journal</i> , 2012, 755, 89.	4.5	292
12	Possible evidence for a variable fine-structure constant from QSO absorption lines: motivations, analysis and results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 327, 1208-1222.	4.4	290
13	THE COS-HALOS SURVEY: RATIONALE, DESIGN, AND A CENSUS OF CIRCUMGALACTIC NEUTRAL HYDROGEN. <i>Astrophysical Journal</i> , 2013, 777, 59.	4.5	285
14	A cosmic web filament revealed in Lyman- α emission around a luminous high-redshift quasar. <i>Nature</i> , 2014, 506, 63-66.	27.8	284
15	ON THE (NON)EVOLUTION OF H I GAS IN GALAXIES OVER COSMIC TIME. <i>Astrophysical Journal</i> , 2009, 696, 1543-1547.	4.5	280
16	THE COS-HALOS SURVEY: AN EMPIRICAL DESCRIPTION OF METAL-LINE ABSORPTION IN THE LOW-REDSHIFT CIRCUMGALACTIC MEDIUM. <i>Astrophysical Journal, Supplement Series</i> , 2013, 204, 17.	7.7	273
17	EVIDENCE FOR UBIQUITOUS COLLIMATED GALACTIC-SCALE OUTFLOWS ALONG THE STAR-FORMING SEQUENCE AT <i>z</i> 0.5. <i>Astrophysical Journal</i> , 2014, 794, 156.	4.5	268
18	Closing in on a Shortâ€Hard Burst Progenitor: Constraints from Earlyâ€Time Optical Imaging and Spectroscopy of a Possible Host Galaxy of GRB 050509b. <i>Astrophysical Journal</i> , 2006, 638, 354-368.	4.5	258

#	ARTICLE	IF	CITATIONS
19	Absorption-line systems in simulated galaxies fed by cold streams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 1796-1821.	4.4	257
20	A BUDGET AND ACCOUNTING OF METALS AT $z \approx 0$: RESULTS FROM THE COS-HALOS SURVEY. <i>Astrophysical Journal</i> , 2014, 786, 54.	4.5	256
21	PROBING THE INTERGALACTIC MEDIUM/GALAXY CONNECTION. V. ON THE ORIGIN OF Ly α AND O VI ABSORPTION AT $z < 0.2$. <i>Astrophysical Journal</i> , 2011, 740, 91.	4.5	247
22	Early spectra of the gravitational wave source GW170817: Evolution of a neutron star merger. <i>Science</i> , 2017, 358, 1574-1578.	12.6	240
23	FROM SHOCK BREAKOUT TO PEAK AND BEYOND: EXTENSIVE PANCHROMATIC OBSERVATIONS OF THE TYPE Ib SUPERNOVA 2008D ASSOCIATED WITH SWIFT X-RAY TRANSIENT 080109. <i>Astrophysical Journal</i> , 2009, 702, 226-248.	4.5	216
24	The low density and magnetization of a massive galaxy halo exposed by a fast radio burst. <i>Science</i> , 2019, 366, 231-234.	12.6	204
25	The COS-Halos Survey: Metallicities in the Low-redshift Circumgalactic Medium. <i>Astrophysical Journal</i> , 2017, 837, 169.	4.5	203
26	Electromagnetic evidence that SSS17a is the result of a binary neutron star merger. <i>Science</i> , 2017, 358, 1583-1587.	12.6	203
27	The first ultraviolet quasar-stacked spectrum at $z \approx 2.4$ from WFC3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 4204-4220.	4.4	197
28	THE COS-DWARFS SURVEY: THE CARBON RESERVOIR AROUND SUB-L* GALAXIES. <i>Astrophysical Journal</i> , 2014, 796, 136.	4.5	196
29	Quasar quartet embedded in giant nebula reveals rare massive structure in distant universe. <i>Science</i> , 2015, 348, 779-783.	12.6	187
30	THE BIMODAL METALLICITY DISTRIBUTION OF THE COOL CIRCUMGALACTIC MEDIUM AT $z \approx 1$. <i>Astrophysical Journal</i> , 2013, 770, 138.	4.5	179
31	THE CIRCUMGALACTIC MEDIUM OF MASSIVE GALAXIES AT $z \approx 3$: A TEST FOR STELLAR FEEDBACK, GALACTIC OUTFLOWS, AND COLD STREAMS. <i>Astrophysical Journal</i> , 2013, 765, 89.	4.5	168
32	GRB 080503: IMPLICATIONS OF A NAKED SHORT GAMMA-RAY BURST DOMINATED BY EXTENDED EMISSION. <i>Astrophysical Journal</i> , 2009, 696, 1871-1885.	4.5	167
33	WHAT DRIVES THE EXPANSION OF GIANT H II REGIONS?: A STUDY OF STELLAR FEEDBACK IN 30 DORADUS. <i>Astrophysical Journal</i> , 2011, 731, 91.	4.5	167
34	THE HOST GALAXIES OF SWIFT DARK GAMMA-RAY BURSTS: OBSERVATIONAL CONSTRAINTS ON HIGHLY OBSCURED AND VERY HIGH REDSHIFT GRBs. <i>Astronomical Journal</i> , 2009, 138, 1690-1708.	4.7	163
35	A POPULATION OF MASSIVE, LUMINOUS GALAXIES HOSTING HEAVILY DUST-OBSCURED GAMMA-RAY BURSTS: IMPLICATIONS FOR THE USE OF GRBs AS TRACERS OF COSMIC STAR FORMATION. <i>Astrophysical Journal</i> , 2013, 778, 128.	4.5	160
36	THE PERSISTENCE OF COOL GALACTIC WINDS IN HIGH STELLAR MASS GALAXIES BETWEEN $z \approx 1.4$ AND $z \approx 1$. <i>Astrophysical Journal</i> , 2010, 719, 1503-1525.	4.5	159

#	ARTICLE	IF	CITATIONS
37	THE FIRST POSITIVE DETECTION OF MOLECULAR GAS IN A GRB HOST GALAXY. <i>Astrophysical Journal</i> , 2009, 691, L27-L32.	4.5	154
38	Detection of Pristine Gas Two Billion Years After the Big Bang. <i>Science</i> , 2011, 334, 1245-1249.	12.6	148
39	Host Galaxy Properties and Offset Distributions of Fast Radio Bursts: Implications for Their Progenitors. <i>Astrophysical Journal</i> , 2020, 903, 152.	4.5	148
40	THE DIRECT DETECTION OF COOL, METAL-ENRICHED GAS ACCRETION ONTO GALAXIES AT $z \approx 0.5$. <i>Astrophysical Journal Letters</i> , 2012, 747, L26.	8.3	146
41	The Giant Gemini GMOS survey of $z \approx 4.4$ quasars. I. Measuring the mean free path across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 1745-1760.	4.4	146
42	AFTERGLOW OBSERVATIONS OF FERMI-LARGE AREA TELESCOPE GAMMA-RAY BURSTS AND THE EMERGING CLASS OF HYPER-ENERGETIC EVENTS. <i>Astrophysical Journal</i> , 2011, 732, 29.	4.5	145
43	A DEFINITIVE SURVEY FOR LYMAN LIMIT SYSTEMS AT $z \approx 3.5$ WITH THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal</i> , 2010, 718, 392-416.	4.5	144
44	THE COS-HALOS SURVEY: ORIGINS OF THE HIGHLY IONIZED CIRCUMGALACTIC MEDIUM OF STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 54.	4.5	141
45	A refined measurement of the mean transmitted flux in the Ly α forest over $2 < z < 5$ using composite quasar spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 2067-2081.	4.4	137
46	The Hidden Mass and Large Spatial Extent of a Post-Starburst Galaxy Outflow. <i>Science</i> , 2011, 334, 952-955.	12.6	136
47	Reconciling the Metallicity Distributions of Gamma-Ray Burst, Damped Ly α , and Lyman Break Galaxies at $z \approx 3$. <i>Astrophysical Journal</i> , 2008, 683, 321-328.	4.5	136
48	The neutral hydrogen cosmological mass density at $z = 5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 217-234.	4.4	135
49	OBSERVATIONS OF THE NAKED-EYE GRB 080319B: IMPLICATIONS OF NATURE'S BRIGHTEST EXPLOSION. <i>Astrophysical Journal</i> , 2009, 691, 723-737.	4.5	133
50	Correcting Λ -based virial black hole masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2120-2142.	4.4	131
51	DUST EXTINCTION IN HIGH- z GALAXIES WITH GAMMA-RAY BURST AFTERGLOW SPECTROSCOPY: THE 2175 Å... FEATURE AT $z = 2.45$. <i>Astrophysical Journal</i> , 2009, 697, 1725-1740.	4.5	130
52	NOT DEAD YET: COOL CIRCUMGALACTIC GAS IN THE HALOS OF EARLY-TYPE GALAXIES. <i>Astrophysical Journal Letters</i> , 2012, 758, L41.	8.3	128
53	Pypelt: The Python Spectroscopic Data Reduction Pipeline. <i>Journal of Open Source Software</i> , 2020, 5, 2308.	4.6	128
54	Probing Galactic Halos with Fast Radio Bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, ,.	4.4	123

#	ARTICLE	IF	CITATIONS
55	A DIRECT MEASUREMENT OF THE INTERGALACTIC MEDIUM OPACITY TO H I IONIZING PHOTONS. <i>Astrophysical Journal</i> , 2009, 705, L113-L117.	4.5	122
56	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
57	QUASARS PROBING QUASARS. VI. EXCESS H I ABSORPTION WITHIN ONE PROPER Mpc OF $z \sim 2$ QUASARS. <i>Astrophysical Journal</i> , 2013, 776, 136.	4.5	120
58	magicc haloes: confronting simulations with observations of the circumgalactic medium at $z=0$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 1270-1277.	4.4	119
59	SIMPLE MODELS OF METAL-LINE ABSORPTION AND EMISSION FROM COOL GAS OUTFLOWS. <i>Astrophysical Journal</i> , 2011, 734, 24.	4.5	117
60	Further constraints on variation of the fine-structure constant from alkali-doublet QSO absorption lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 327, 1237-1243.	4.4	114
61	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
62	Discovery of an Enormous Ly α Nebula in a Massive Galaxy Overdensity at $z \sim 2.3$. <i>Astrophysical Journal</i> , 2017, 837, 71.	4.5	111
63	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
64	THE ROLE OF STELLAR FEEDBACK IN THE DYNAMICS OF H II REGIONS. <i>Astrophysical Journal</i> , 2014, 795, 121.	4.5	109
65	THE RAPID DECLINE IN METALLICITY OF DAMPED Ly α SYSTEMS AT $z \sim 5$. <i>Astrophysical Journal Letters</i> , 2014, 782, L29.	8.3	108
66	Possible evidence for a variable fine-structure constant from QSO absorption lines: systematic errors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 327, 1223-1236.	4.4	107
67	Large Excess of Heavy Nitrogen in Both Hydrogen Cyanide and Cyanogen from Comet 17P/Holmes. <i>Astrophysical Journal</i> , 2008, 679, L49-L52.	4.5	106
68	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.	4.4	106
69	QUASARS PROBING QUASARS. III. NEW CLUES TO FEEDBACK, QUENCHING, AND THE PHYSICS OF MASSIVE GALAXY FORMATION. <i>Astrophysical Journal</i> , 2009, 690, 1558-1584.	4.5	104
70	Metal-enriched, subkiloparsec gas clumps in the circumgalactic medium of a faint $z \sim 2.5$ galaxy... <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 18-37.	4.4	104
71	The Troublesome Broadband Evolution of GRB 061126: Does a Gray Burst Imply Gray Dust?. <i>Astrophysical Journal</i> , 2008, 672, 449-464.	4.5	103
72	MOLECULAR HYDROGEN DEFICIENCY IN H I-POOR GALAXIES AND ITS IMPLICATIONS FOR STAR FORMATION. <i>Astrophysical Journal</i> , 2009, 697, 1811-1821.	4.5	101

#	ARTICLE	IF	CITATIONS
73	A Neutron Star Binary Merger Model for GW170817/GRB 170817A/SSS17a. <i>Astrophysical Journal Letters</i> , 2017, 848, L34.	8.3	101
74	THE FUNDAMENTAL PLANE OF DAMPED Ly α SYSTEMS. <i>Astrophysical Journal</i> , 2013, 769, 54.	4.5	100
75	The Galaxy Hosts and Large-scale Environments of Short-hard Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2006, 642, 989-994.	4.5	99
76	EVIDENCE FOR COLD ACCRETION: PRIMITIVE GAS FLOWING ONTO A GALAXY AT $z \approx 0.274$. <i>Astrophysical Journal</i> , 2011, 743, 207.	4.5	98
77	QUASARS PROBING QUASARS. VII. THE PINNACLE OF THE COOL CIRCUMGALACTIC MEDIUM SURROUNDS MASSIVE $z \approx 2$ GALAXIES. <i>Astrophysical Journal</i> , 2014, 796, 140.	4.5	98
78	A UNIVERSAL DENSITY STRUCTURE FOR CIRCUMGALACTIC GAS. <i>Astrophysical Journal</i> , 2016, 830, 87.	4.5	98
79	MASE: A New Data-Reduction Pipeline for the Magellan Echellette Spectrograph. <i>Publications of the Astronomical Society of the Pacific</i> , 2009, 121, 1409-1418.	3.1	96
80	An infrared flash contemporaneous with the $\dot{\Gamma}$ -rays of GRB 041219a. <i>Nature</i> , 2005, 435, 181-184.	27.8	95
81	The spin temperature of high-redshift damped Lyman $\dot{\Gamma}$ systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 2131-2166.	4.4	95
82	LOW-IONIZATION LINE EMISSION FROM A STARBURST GALAXY: A NEW PROBE OF A GALACTIC-SCALE OUTFLOW. <i>Astrophysical Journal</i> , 2011, 728, 55.	4.5	93
83	Significant and variable linear polarization during the prompt optical flash of GRB 160625B. <i>Nature</i> , 2017, 547, 425-427.	27.8	93
84	QUASARS PROBING QUASARS. IV. JOINT CONSTRAINTS ON THE CIRCUMGALACTIC MEDIUM FROM ABSORPTION AND EMISSION. <i>Astrophysical Journal</i> , 2013, 766, 58.	4.5	92
85	GALACTIC AND CIRCUMGALACTIC O VI AND ITS IMPACT ON THE COSMOLOGICAL METAL AND BARYON BUDGETS AT $z \approx 3.5$. <i>Astrophysical Journal</i> , 2014, 788, 119.	4.5	92
86	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
87	EARLY AND EXTENDED HELIUM REIONIZATION OVER MORE THAN 600 MILLION YEARS OF COSMIC TIME*. <i>Astrophysical Journal</i> , 2016, 825, 144.	4.5	90
88	Keck telescope constraint on cosmological variation of the proton-to-electron mass ratio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 1541-1555.	4.4	89
89	THE END OF HELIUM REIONIZATION AT $z \approx 2.7$ INFERRED FROM COSMIC VARIANCE IN $\dot{HST} / \text{COS He II Ly}\alpha$ ABSORPTION SPECTRA. <i>Astrophysical Journal Letters</i> , 2011, 733, L24.	8.3	88
90	A new comprehensive set of elemental abundances in DLAs. <i>Astronomy and Astrophysics</i> , 2006, 445, 93-113.	5.1	86

#	ARTICLE	IF	CITATIONS
91	GRB 090426: the environment of a rest-frame 0.35-s gamma-ray burst at a redshift of 2.609. Monthly Notices of the Royal Astronomical Society, 2010, 401, 963-972.	4.4	86
92	Mapping the Most Massive Overdensities through Hydrogen (MAMMOTH). II. Discovery of the Extremely Massive Overdensity BOSS1441 at $z=2.32$. Astrophysical Journal, 2017, 839, 131.	4.5	84
93	The physical properties of $z > 2$ Lyman limit systems: new constraints for feedback and accretion models. Monthly Notices of the Royal Astronomical Society, 2016, 455, 4100-4121.	4.4	83
94	Hypernova Signatures in the Late Rebrightening of GRB 050525A. Astrophysical Journal, 2006, 642, L103-L106.	4.5	82
95	A SUBSTANTIAL MASS OF COOL, METAL-ENRICHED GAS SURROUNDING THE PROGENITORS OF MODERN-DAY ELLIPTICALS. Astrophysical Journal Letters, 2013, 762, L19.	8.3	82
96	DISSECTING THE PROPERTIES OF OPTICALLY THICK HYDROGEN AT THE PEAK OF COSMIC STAR FORMATION HISTORY. Astrophysical Journal, 2013, 775, 78.	4.5	82
97	Spectropolarimetric Analysis of FRB 181112 at Microsecond Resolution: Implications for Fast Radio Burst Emission Mechanism. Astrophysical Journal Letters, 2020, 891, L38.	8.3	82
98	THE COS-HALOS SURVEY: KECK LRIS AND MAGELLAN MagE OPTICAL SPECTROSCOPY. Astrophysical Journal, Supplement Series, 2012, 198, 3.	7.7	80
99	First Data Release of the COSMOS Ly α Mapping and Tomography Observations: 3D Ly α Forest Tomography at $2.05 < z < 2.55$. Astrophysical Journal, Supplement Series, 2018, 237, 31.	7.7	80
100	THE HST/ACS+WFC3 SURVEY FOR LYMAN LIMIT SYSTEMS. II. SCIENCE. Astrophysical Journal, 2013, 765, 137.	4.5	79
101	A DEEP SEARCH FOR FAINT GALAXIES ASSOCIATED WITH VERY LOW REDSHIFT CIV ABSORBERS. III. THE MASS- AND ENVIRONMENT-DEPENDENT CIRCUMGALACTIC MEDIUM. Astrophysical Journal, 2016, 832, 124.	4.5	79
102	Inspiraling halo accretion mapped in Ly α emission around a $z \sim 4$ quasar. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3907-3940.	4.4	79
103	The large- and small-scale properties of the intergalactic gas in the Slug Ly α nebula revealed by MUSE He II emission observations. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5188-5204.	4.4	78
104	WAVELENGTH ACCURACY OF THE KECK HIRES SPECTROGRAPH AND MEASURING CHANGES IN THE FINE STRUCTURE CONSTANT. Astrophysical Journal, 2010, 708, 158-170.	4.5	77
105	A comprehensive set of elemental abundances in damped Ly α systems: Revealing the nature of these high-redshift galaxies. Astronomy and Astrophysics, 2004, 416, 79-110.	5.1	77
106	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
107	MULTIPHASE GAS IN GALAXY HALOS: THE O VI LYMAN-LIMIT SYSTEM TOWARD J1009+0713. Astrophysical Journal, 2011, 733, 111.	4.5	75
108	THE HI CONTENT OF THE UNIVERSE OVER THE PAST 10 GYR. Astrophysical Journal, 2016, 818, 113.	4.5	74

#	ARTICLE	IF	CITATIONS
109	A high-velocity narrow absorption line outflow in the quasar J212329.46 +005052.9. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	73
110	THE FIRST OBSERVATIONS OF LOW-REDSHIFT DAMPED Ly λ SYSTEMS WITH THE COSMIC ORIGINS SPECTROGRAPH. Astrophysical Journal, 2011, 732, 35.	4.5	72
111	XQ-100: A legacy survey of one hundred 3.5 z 4.5 quasars observed with VLT/X-shooter. Astronomy and Astrophysics, 2016, 594, A91.	5.1	72
112	GALEX FAR-ULTRAVIOLET COLOR SELECTION OF UV-BRIGHT HIGH-REDSHIFT QUASARS. Astrophysical Journal, 2011, 728, 23.	4.5	71
113	THE FIRST DATA RELEASE OF THE KODIAQ SURVEY. Astronomical Journal, 2015, 150, 111.	4.7	71
114	A cold, massive, rotating disk galaxy 1.5 billion years after the Big Bang. Nature, 2020, 581, 269-272.	27.8	71
115	Evidence for supernova-synthesized dust from the rising afterglow of GRB 071025 at $z \approx 5$. Monthly Notices of the Royal Astronomical Society, 2010, 406, 2473-2487.	4.4	70
116	QSO ABSORPTION SYSTEMS DETECTED IN Ne VIII: HIGH-METALLICITY CLOUDS WITH A LARGE EFFECTIVE CROSS SECTION. Astrophysical Journal, 2013, 767, 49.	4.5	70
117	LY λ FOREST TOMOGRAPHY FROM BACKGROUND GALAXIES: THE FIRST MEGAPARSEC-RESOLUTION LARGE-SCALE STRUCTURE MAP AT $z \approx 2$. Astrophysical Journal Letters, 2014, 795, L12.	8.3	70
118	A giant protogalactic disk linked to the cosmic web. Nature, 2015, 524, 192-195.	27.8	70
119	A Putative Early-Type Host Galaxy for GRB 060502B: Implications for the Progenitors of Short-Duration Hard-Spectrum Bursts. Astrophysical Journal, 2007, 654, 878-884.	4.5	68
120	KECK ECHELLETTE SPECTROGRAPH AND IMAGER OBSERVATIONS OF METAL-POOR DAMPED Ly λ SYSTEMS. Astrophysical Journal, 2010, 721, 1-25.	4.5	68
121	METAL-POOR, COOL GAS IN THE CIRCUMGALACTIC MEDIUM OF A $z = 2.4$ STAR-FORMING GALAXY: DIRECT EVIDENCE FOR COLD ACCRETION?. Astrophysical Journal Letters, 2013, 776, L18.	8.3	67
122	Directly imaging damped Ly λ galaxies at $z \approx 2$. III. The star formation rates of neutral gas reservoirs at $z \approx 2.7$. Monthly Notices of the Royal Astronomical Society, 2015, 446, 3178-3198.	4.4	66
123	MAPPING THE MOST MASSIVE OVERDENSITY THROUGH HYDROGEN (MAMMOTH). I. METHODOLOGY. Astrophysical Journal, 2016, 833, 135.	4.5	66
124	MUSE searches for galaxies near very metal-poor gas clouds at $z \approx 3$: new constraints for cold accretion models. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1978-1988.	4.4	66
125	Metal abundances and ionization conditions in a possibly dust-free damped Ly λ system at $z = 2.3$. Astronomy and Astrophysics, 2002, 385, 778-792.	5.1	66
126	The Interstellar Medium of Gamma-Ray Burst Host Galaxies. I. Echelle Spectra of Swift GRB Afterglows. Astrophysical Journal, Supplement Series, 2007, 168, 231-267.	7.7	64

#	ARTICLE	IF	CITATIONS
127	CONFRONTING SIMULATIONS OF OPTICALLY THICK GAS IN MASSIVE HALOS WITH OBSERVATIONS AT $z = 2-3$. <i>Astrophysical Journal</i> , 2014, 780, 74.	4.5	64
128	DEEP HE II AND C IV SPECTROSCOPY OF A GIANT LY α NEBULA: DENSE COMPACT GAS CLUMPS IN THE CIRCUMGALACTIC MEDIUM OF A $z \approx 2$ QUASAR. <i>Astrophysical Journal</i> , 2015, 809, 163.	4.5	64
129	THE COSMIC EVOLUTION OF THE METALLICITY DISTRIBUTION OF IONIZED GAS TRACED BY LYMAN LIMIT SYSTEMS. <i>Astrophysical Journal</i> , 2016, 833, 283.	4.5	64
130	The evolution of neutral gas in damped Lyman α systems from the XQ-100 survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4488-4505.	4.4	64
131	THE LAST EIGHT-BILLION YEARS OF INTERGALACTIC C IV EVOLUTION. <i>Astrophysical Journal</i> , 2010, 708, 868-908.	4.5	63
132	SHADOW OF A COLOSSUS: A $z = 2.44$ GALAXY PROTOCLUSTER DETECTED IN 3D LY α FOREST TOMOGRAPHIC MAPPING OF THE COSMOS FIELD. <i>Astrophysical Journal</i> , 2016, 817, 160.	4.5	63
133	THE FIRM REDSHIFT LOWER LIMIT OF THE MOST DISTANT TeV-DETECTED BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2013, 768, L31.	8.3	62
134	A trio of gamma-ray burst supernovae. <i>Astronomy and Astrophysics</i> , 2014, 568, A19.	5.1	62
135	LOW-METALLICITY ABSORBERS ACCOUNT FOR HALF OF THE DENSE CIRCUMGALACTIC GAS AT $z \approx 1$. <i>Astrophysical Journal</i> , 2016, 831, 95.	4.5	62
136	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
137	MONSTER IN THE DARK: THE ULTRALUMINOUS GRB 080607 AND ITS DUSTY ENVIRONMENT. <i>Astronomical Journal</i> , 2011, 141, 36.	4.7	61
138	QUASARS PROBING QUASARS. VIII. THE PHYSICAL PROPERTIES OF THE COOL CIRCUMGALACTIC MEDIUM SURROUNDING $z \approx 3$ MASSIVE GALAXIES HOSTING QUASARS. <i>Astrophysical Journal, Supplement Series</i> , 2016, 226, 25.	7.7	60
139	CONSTRAINING GAMMA-RAY BURST EMISSION PHYSICS WITH EXTENSIVE EARLY-TIME, MULTIBAND FOLLOW-UP. <i>Astrophysical Journal</i> , 2011, 743, 154.	4.5	59
140	GRB 071003: Broadband Follow-up Observations of a Very Bright Gamma-ray Burst in a Galactic Halo. <i>Astrophysical Journal</i> , 2008, 688, 470-490.	4.5	58
141	THE GAS-GALAXY CONNECTION AT $z \approx 0.35$: O VI AND H I ABSORPTION TOWARD J 0943+0531. <i>Astrophysical Journal</i> , 2011, 736, 1.	4.5	58
142	THE FIRST OBSERVATIONS OF LOW-REDSHIFT DAMPED LY α SYSTEMS WITH THE COSMIC ORIGINS SPECTROGRAPH: CHEMICAL ABUNDANCES AND AFFILIATED GALAXIES. <i>Astrophysical Journal</i> , 2012, 744, 93.	4.5	57
143	A search for H α absorption in strong Mg II absorbers in the redshift desert. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 385-401.	4.4	56
144	UNVEILING THE SECRETS OF METALLICITY AND MASSIVE STAR FORMATION USING DLAS ALONG GAMMA-RAY BURSTS. <i>Astrophysical Journal</i> , 2015, 804, 51.	4.5	56

#	ARTICLE	IF	CITATIONS
145	PRECIOUS METALS IN SDSS QUASAR SPECTRA. I. TRACKING THE EVOLUTION OF STRONG, 1.5 z 4.5 C IV ABSORBERS WITH THOUSANDS OF SYSTEMS. <i>Astrophysical Journal</i> , 2013, 763, 37.	4.5	55
146	AN ULTRAVIOLET SPECTRUM OF THE TIDAL DISRUPTION FLARE ASASSN-14li. <i>Astrophysical Journal Letters</i> , 2016, 818, L32.	8.3	55
147	The COS Absorption Survey of Baryon Harbors (CASBaH): Warm “Hot Circumgalactic Gas Reservoirs Traced by Ne VIII Absorption. <i>Astrophysical Journal Letters</i> , 2019, 877, L20.	8.3	55
148	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
149	The color excess of quasars with intervening DLA systems. <i>Astronomy and Astrophysics</i> , 2008, 478, 701-715.	5.1	53
150	AN OBSERVATIONAL DETERMINATION OF THE PROTON TO ELECTRON MASS RATIO IN THE EARLY UNIVERSE. <i>Astrophysical Journal</i> , 2009, 703, 1648-1662.	4.5	53
151	UNDERSTANDING PHYSICAL CONDITIONS IN HIGH-REDSHIFT GALAXIES THROUGH C I FINE STRUCTURE LINES: DATA AND METHODOLOGY. <i>Astrophysical Journal</i> , 2010, 722, 460-490.	4.5	53
152	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.	4.4	52
153	The z “DM distribution of fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4775-4802.	4.4	52
154	THE STACKED LY α EMISSION PROFILE FROM THE CIRCUM-GALACTIC MEDIUM OF $z \approx 1/4$ QUASARS*. <i>Astrophysical Journal</i> , 2016, 829, 3.	4.5	51
155	iPTF14yb: THE FIRST DISCOVERY OF A GAMMA-RAY BURST AFTERGLOW INDEPENDENT OF A HIGH-ENERGY TRIGGER. <i>Astrophysical Journal Letters</i> , 2015, 803, L24.	8.3	50
156	DISSECTING THE GASEOUS HALOS OF $z \approx 1/4$ 2 DAMPED Ly α SYSTEMS WITH CLOSE QUASAR PAIRS. <i>Astrophysical Journal</i> , 2015, 808, 38.	4.5	50
157	[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
158	A $z = 3$ Ly α BLOB ASSOCIATED WITH A DAMPED Ly α SYSTEM PROXIMATE TO ITS BACKGROUND QUASAR. <i>Astrophysical Journal</i> , 2009, 693, L49-L55.	4.5	49
159	The PHLEK Survey: A New Determination of the Primordial Helium Abundance. <i>Astrophysical Journal</i> , 2020, 896, 77.	4.5	49
160	Project AMIGA: The Circumgalactic Medium of Andromeda*. <i>Astrophysical Journal</i> , 2020, 900, 9.	4.5	48
161	GALAXIES PROBING GALAXIES: COOL HALO GAS FROM A $z = 0.47$ POST-STARBURST GALAXY. <i>Astrophysical Journal</i> , 2010, 712, 574-584.	4.5	47
162	Towards a unified description of the intergalactic medium at redshift $z \approx 2.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 476-486.	4.4	47

#	ARTICLE	IF	CITATIONS
163	Optically thin spatially resolved Mg ii emission maps the escape of ionizing photons. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2554-2574.	4.4	47
164	MUSE Analysis of Gas around Galaxies (MAGG) II: metal-enriched halo gas around $z \sim 1$ galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5022-5046.	4.4	47
165	A new comprehensive set of elemental abundances in DLAs. Astronomy and Astrophysics, 2007, 470, 431-448.	5.1	46
166	THE CONNECTION BETWEEN A LYMAN LIMIT SYSTEM, A VERY STRONG O VI ABSORBER, AND GALAXIES AT $z \sim 0.203$. Astrophysical Journal, 2009, 694, 734-750.	4.5	46
167	First Light with RATIR: An Automated 6-band Optical/NIR Imaging Camera. Proceedings of SPIE, 2012, , .	0.8	46
168	MULTIWAVELENGTH OBSERVATIONS OF A0620-00 IN QUIESCENCE. Astrophysical Journal, 2011, 743, 26.	4.5	45
169	Chronicling the Host Galaxy Properties of the Remarkable Repeating FRB 20201124A. Astrophysical Journal Letters, 2021, 919, L23.	8.3	45
170	Multiwavelength observations of the energetic GRB 080810: detailed mapping of the broad-band spectral evolution. Monthly Notices of the Royal Astronomical Society, 2009, 400, 134-146.	4.4	44
171	The Second Data Release of the KODIAQ Survey. Astronomical Journal, 2017, 154, 114.	4.7	44
172	Direct evidence of AGN feedback: a post-starburst galaxy stripped of its gas by AGN-driven winds. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3993-4016.	4.4	43
173	MAHALO Deep Cluster Survey I. Accelerated and enhanced galaxy formation in the densest regions of a protocluster at $z \sim 2.5$. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1977-1999.	4.4	43
174	Circumgalactic Mg ii Emission from an Isotropic Starburst Galaxy Outflow Mapped by KCWI. Astrophysical Journal, 2021, 909, 151.	4.5	43
175	Constraining sub-parsec binary supermassive black holes in quasars with multi-epoch spectroscopy III. Candidates from continued radial velocity tests. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3288-3307.	4.4	42
176	PROBING THE IGM/GALAXY CONNECTION. IV. THE LCO/WFCCD GALAXY SURVEY OF 20 FIELDS SURROUNDING UV-BRIGHT QUASARS. Astrophysical Journal, Supplement Series, 2011, 193, 28.	7.7	41
177	A DEEP NARROWBAND IMAGING SEARCH FOR C iv AND He ii EMISSION FROM Ly α BLOBS. Astrophysical Journal, 2015, 804, 26.	4.5	41
178	Witnessing galaxy assembly in an extended $z \sim 3$ structure. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3686-3698.	4.4	41
179	Keck/Palomar Cosmic Web Imagers Reveal an Enormous Ly α Nebula in an Extremely Overdense Quasi-stellar Object Pair Field at $z \sim 2.45$. Astrophysical Journal Letters, 2018, 861, L3.	8.3	41
180	A High-resolution View of Fast Radio Burst Host Environments. Astrophysical Journal, 2021, 917, 75.	4.5	41

#	ARTICLE	IF	CITATIONS
181	NEW OBSERVATIONS OF THE VERY LUMINOUS SUPERNOVA 2006gy: EVIDENCE FOR ECHOES. <i>Astronomical Journal</i> , 2010, 139, 2218-2229.	4.7	40
182	A HIGH SIGNAL-TO-NOISE RATIO COMPOSITE SPECTRUM OF GAMMA-RAY BURST AFTERGLOWS. <i>Astrophysical Journal</i> , 2011, 727, 73.	4.5	40
183	GEMINI SPECTROSCOPY OF THE SHORT-HARD GAMMA-RAY BURST GRB 130603B AFTERGLOW AND HOST GALAXY. <i>Astrophysical Journal</i> , 2013, 777, 94.	4.5	40
184	THE KECK + MAGELLAN SURVEY FOR LYMAN LIMIT ABSORPTION. III. SAMPLE DEFINITION AND COLUMN DENSITY MEASUREMENTS. <i>Astrophysical Journal, Supplement Series</i> , 2015, 221, 2.	7.7	40
185	OPTICAL AND NEAR-INFRARED OBSERVATIONS OF SN 2013DX ASSOCIATED WITH GRB 130702A. <i>Astrophysical Journal</i> , 2016, 818, 79.	4.5	40
186	MUSE analysis of gas around galaxies (MAGG) III. The gas and galaxy environment of $\langle i \rangle z \langle /i \rangle = 3$ quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3044-3064.	4.4	40
187	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
188	High-metallicity, photoionized gas in intergalactic large-scale filaments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 139-155.	4.4	39
189	DIRECT EVIDENCE OF COLD GAS IN DLA 0812+32B. <i>Astrophysical Journal</i> , 2009, 704, 247-254.	4.5	39
190	H I Column Densities, Metallicities, and Dust Extinction of Metal-Strong Damped Ly α Systems I. <i>Publications of the Astronomical Society of the Pacific</i> , 2010, 122, 619-635.	3.1	39
191	Measurement of the small-scale structure of the intergalactic medium using close quasar pairs. <i>Science</i> , 2017, 356, 418-422.	12.6	39
192	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
193	Strong $z \sim 0.5$ Ly α absorption towards PKS 0405-123: implications for ionization and metallicity of the Cosmic Web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1875-1894.	4.4	38
194	A Search for the Host Galaxy of FRB 171020. <i>Astrophysical Journal Letters</i> , 2018, 867, L10.	8.3	38
195	A Metal-poor Damped Ly α System at Redshift 6.4. <i>Astrophysical Journal</i> , 2019, 885, 59.	4.5	38
196	The host of the SN-less GRB 060505 in high resolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2034-2048.	4.4	37
197	ON THE ABSENCE OF HIGH METALLICITY-HIGH COLUMN DENSITY DAMPED Ly α SYSTEMS: MOLECULE FORMATION IN A TWO-PHASE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2009, 701, L12-L15.	4.5	36
198	PROBING THE PHYSICAL CONDITIONS OF ATOMIC GAS AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2015, 800, 7.	4.5	36

#	ARTICLE	IF	CITATIONS
199	Chemical abundances of the damped Lyman $\hat{\pm}$ systems in the XQ-100 survey. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3021-3037.	4.4	36
200	Statistical Detection of the He ii Transverse Proximity Effect: Evidence for Sustained Quasar Activity for $\hat{\pm}$ 25 Million Years. Astrophysical Journal, 2017, 847, 81.	4.5	36
201	MUSE Analysis of Gas around Galaxies (MAGC) $\hat{\pm}$ I: Survey design and the environment of a near pristine gas cloud at $\hat{\pm}$ 3.5. Monthly Notices of the Royal Astronomical Society, 2020, 491, 2057-2074.	4.4	36
202	COSMOLOGICAL CONCORDANCE OR CHEMICAL COINCIDENCE? DEUTERATED MOLECULAR HYDROGEN ABUNDANCES AT HIGH REDSHIFT. Astrophysical Journal Letters, 2010, 718, L156-L160.	8.3	35
203	Damped Lyman alpha systems and galaxy formation models - II. High ions and Lyman-limit systems. Monthly Notices of the Royal Astronomical Society, 2003, 343, 268-278.	4.4	34
204	Metal-enriched plasma in protogalactic halos. Astronomy and Astrophysics, 2009, 503, 731-746.	5.1	34
205	THE KECK + MAGELLAN SURVEY FOR LYMAN LIMIT ABSORPTION. II. A CASE STUDY ON METALLICITY VARIATIONS. Astrophysical Journal, 2010, 708, 1221-1237.	4.5	34
206	H $\hat{\pm}$ content, metallicities and spin temperatures of damped and sub-damped Ly $\hat{\pm}$ systems in the redshift desert (0.6 $\hat{\pm}$ 1.7) $\hat{\pm}$ Monthly Notices of the Royal Astronomical Society, 2012, 424, 293-312.	4.4	34
207	A DEEP SEARCH FOR FAINT GALAXIES ASSOCIATED WITH VERY LOW-REDSHIFT C iv ABSORBERS. II. PROGRAM DESIGN, ABSORPTION-LINE MEASUREMENTS, AND ABSORBER STATISTICS. Astrophysical Journal, 2015, 815, 91.	4.5	34
208	Circumgalactic Oxygen Absorption and Feedback. Astrophysical Journal Letters, 2017, 846, L24.	8.3	34
209	Multi-filament gas inflows fuelling young star-forming galaxies. Nature Astronomy, 2019, 3, 822-831.	10.1	34
210	THE DISCOVERY OF VIBRATIONALLY EXCITED H ₂ IN THE MOLECULAR CLOUD NEAR GRB 080607. Astrophysical Journal, 2009, 701, L63-L67.	4.5	33
211	Directly imaging damped Lyman $\hat{\pm}$ galaxies at $\hat{\pm}$ 2 - I. Methodology and first results $\hat{\pm}$ Monthly Notices of the Royal Astronomical Society, 0, 408, 362-382.	4.4	33
212	MULTIWAVELENGTH OBSERVATIONS OF THE PREVIOUSLY UNIDENTIFIED BLAZAR RX J0648.7+1516. Astrophysical Journal, 2011, 742, 127.	4.5	33
213	REVERBERATION MAPPING OF THE KEPLER FIELD AGN KA1858+4850. Astrophysical Journal, 2014, 795, 38.	4.5	33
214	Directly imaging damped Ly $\hat{\pm}$ galaxies at $\hat{\pm}$ 2 $\hat{\pm}$ II. Imaging and spectroscopic observations of 32 quasar fields. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1282-1300.	4.4	33
215	THE UV-BRIGHT QUASAR SURVEY (UVQS): DR1. Astronomical Journal, 2016, 152, 25.	4.7	33
216	Linking gas and galaxies at high redshift: MUSE surveys the environments of six damped Ly $\hat{\pm}$ systems at $\hat{\pm}$ 3. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5070-5096.	4.4	33

#	ARTICLE	IF	CITATIONS
217	New detections of Mn, Ti and Mg in damped Ly α systems: Toward reconciling the dust/nucleosynthesis degeneracy. <i>Astronomy and Astrophysics</i> , 2002, 391, 801-807.	5.1	32
218	A faint optical flash in dust-obscured GRB 080603A: implications for GRB prompt emission mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 2124-2143.	4.4	32
219	Automation of the OAN/SPM 1.5-meter Johnson telescope for operations with RATIR. <i>Proceedings of SPIE</i> , 2012, , .	0.8	32
220	The chemistry of the most metal-rich damped Lyman α systems at $z < 2$. II. Context with the Local Group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 4326-4346.	4.4	32
221	Nature and statistical properties of quasar associated absorption systems in the XQ-100 Legacy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3285-3301.	4.4	32
222	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
223	Probabilistic Association of Transients to their Hosts (PATH). <i>Astrophysical Journal</i> , 2021, 911, 95.	4.5	32
224	When Do Internal Shocks End and External Shocks Begin? Early-Time Broadband Modeling of GRB 051111. <i>Astrophysical Journal</i> , 2006, 652, 1390-1399.	4.5	31
225	The nature of proximate damped Lyman α systems... <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	31
226	FIRST CONNECTION BETWEEN COLD GAS IN EMISSION AND ABSORPTION: CO EMISSION FROM A GALAXY-QUASAR PAIR. <i>Astrophysical Journal Letters</i> , 2016, 820, L39.	8.3	31
227	Towards the statistical detection of the warm-hot intergalactic medium in intercluster filaments of the cosmic web. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2662-2697.	4.4	31
228	The Unprecedented Properties of the First Electromagnetic Counterpart to a Gravitational-wave Source. <i>Astrophysical Journal Letters</i> , 2017, 848, L26.	8.3	31
229	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
230	Molecular Emission from a Galaxy Associated with a $z \sim 2.2$ Damped Ly α Absorber. <i>Astrophysical Journal Letters</i> , 2018, 856, L12.	8.3	31
231	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 Ly α Absorption Spectra*. <i>Astrophysical Journal</i> , 2019, 875, 111.	4.5	31
232	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
233	THE HIGH-ION CONTENT AND KINEMATICS OF LOW-REDSHIFT LYMAN LIMIT SYSTEMS. <i>Astrophysical Journal</i> , 2013, 778, 187.	4.5	30
234	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

#	ARTICLE	IF	CITATIONS
235	The power spectrum of the Lyman- α Forest at $z < 0.5$. Monthly Notices of the Royal Astronomical Society, 2019, 486, 769-782.	4.4	30
236	Metal-enriched halo gas across galaxy overdensities over the last 10 billion years. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4573-4599.	4.4	30
237	Searching for the Lowest-metallicity Galaxies in the Local Universe. Astrophysical Journal, 2018, 863, 134.	4.5	29
238	CGM ² : I: The Extent of the Circumgalactic Medium Traced by Neutral Hydrogen. Astrophysical Journal, 2021, 912, 9.	4.5	29
239	The COS Absorption Survey of Baryon Harbors: unveiling the physical conditions of circumgalactic gas through multiphase Bayesian ionization modelling. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4993-5037.	4.4	29
240	PRECIOUS METALS IN SDSS QUASAR SPECTRA. II. TRACKING THE EVOLUTION OF STRONG, 0.4 z 2.3 Mg II ABSORBERS WITH THOUSANDS OF SYSTEMS. Astrophysical Journal, 2013, 779, 161.	4.5	28
241	Cold gas and a Milky Way-type 2175-Å... bump in a metal-rich and highly depleted absorption system. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1751-1766.	4.4	28
242	[C ii] 158 μ m Emission from $z \sim 4$ H I Absorption-selected Galaxies. Astrophysical Journal Letters, 2019, 870, L19.	8.3	28
243	ON THE REDSHIFT OF THE VERY HIGH ENERGY BLAZAR 3C 66A. Astrophysical Journal, 2013, 766, 35.	4.5	27
244	CONSTRAINING THE LIFETIME AND OPENING ANGLE OF QUASARS USING FLUORESCENT Ly α EMISSION: THE CASE OF Q0420+388. Astrophysical Journal, 2016, 830, 120.	4.5	27
245	Precise limits on cosmological variability of the fine-structure constant with zinc and chromium quasar absorption lines. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2461-2479.	4.4	27
246	Massive, Absorption-selected Galaxies at Intermediate Redshifts. Astrophysical Journal Letters, 2018, 856, L23.	8.3	27
247	ALMA + VLT observations of a damped Lyman- α absorbing galaxy: massive, wide CO emission, gas-rich but with very low SFR. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4039-4055.	4.4	27
248	A detailed study of the optical attenuation of gamma-ray bursts in the Swift era. Monthly Notices of the Royal Astronomical Society, 2015, 449, 2919-2936.	4.4	26
249	Kinematics of C α and [O α] emission in luminous high-redshift quasars. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5335-5348.	4.4	26
250	Quasar Sightline and Galaxy Evolution (QSAGE) survey - I. The galaxy environment of O α absorbers up to $z = 1.4$ around PKS 0232+04. Monthly Notices of the Royal Astronomical Society, 2019, 486, 21-41.	4.4	26
251	Disentangling the Cosmic Web toward FRB 190608. Astrophysical Journal, 2020, 901, 134.	4.5	26
252	CGM properties in VELA and NIHAO simulations; the OVI ionization mechanism: dependence on redshift, halo mass, and radius. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3625-3645.	4.4	25

#	ARTICLE	IF	CITATIONS
253	Revealing the Dark Threads of the Cosmic Web. <i>Astrophysical Journal Letters</i> , 2020, 891, L35.	8.3	25
254	CASTING LIGHT ON THE "ANOMALOUS" STATISTICS OF Mg II ABSORBERS TOWARD GAMMA-RAY BURST AFTERGLOWS: THE INCIDENCE OF WEAK SYSTEMS. <i>Astrophysical Journal</i> , 2009, 706, 1309-1315.	4.5	24
255	Dusting off the diffuse interstellar bands: DIBs and dust in extragalactic Sloan Digital Sky Survey spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 545-558.	4.4	24
256	UPPER LIMITS FROM FIVE YEARS OF BLAZAR OBSERVATIONS WITH THE VERITAS CHERENKOV TELESCOPES. <i>Astronomical Journal</i> , 2016, 151, 142.	4.7	24
257	The Nature of Ionized Gas in the Milky Way Galactic Fountain. <i>Astrophysical Journal</i> , 2019, 887, 89.	4.5	24
258	PROBING FUNDAMENTAL CONSTANT EVOLUTION WITH NEUTRAL ATOMIC GAS LINES. <i>Astrophysical Journal Letters</i> , 2010, 712, L148-L152.	8.3	23
259	Data Reduction with the MIKE Spectrometer. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 911-930.	3.1	23
260	Damped Ly α systems at high redshift and models of protogalactic discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 430-436.	4.4	22
261	GRB 050408: A Bright Gamma-Ray Burst Probing an Atypical Galactic Environment. <i>Astrophysical Journal</i> , 2006, 645, 450-463.	4.5	22
262	Probing feedback in protogalaxies: multiphase gas in a DLA at $z \approx 2.4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 390, 2-20.	4.4	22
263	A METAL-STRONG AND DUST-RICH DAMPED Ly α ABSORPTION SYSTEM TOWARD THE QUASAR SDSS J115705.52+615521.7. <i>Astrophysical Journal</i> , 2012, 760, 42.	4.5	22
264	A high molecular fraction in a subdamped absorber at $z \approx 0.56$ <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 178-193.	4.4	22
265	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.	7.7	22
266	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.	4.4	22
267	Ionization corrections in a multiphase interstellar medium: lessons from a zabs $\approx 1/4$ 2 sub-DLA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 2071-2082.	4.4	21
268	The central engine of GRB 130831A and the energy breakdown of a relativistic explosion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1027-1042.	4.4	21
269	The igmspec database of public spectra probing the intergalactic medium. <i>Astronomy and Computing</i> , 2017, 19, 27-33.	1.7	21
270	Giant Metrewave Radio Telescope detection of associated H α 21-cm absorption at $z \approx 1.2230$ towards TXS 1954+513. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 5011-5015.	4.4	21

#	ARTICLE	IF	CITATIONS
271	Overdensity of submillimeter galaxies around the $z \approx 2.3$ MAMMOTH-1 nebula. <i>Astronomy and Astrophysics</i> , 2018, 620, A202.	5.1	21
272	Quasars Probing Quasars. IX. The Kinematics of the Circumgalactic Medium Surrounding $z \approx 2$ Quasars. <i>Astrophysical Journal</i> , 2018, 857, 126.	4.5	21
273	Reverse Shock Emission Revealed in Early Photometry in the Candidate Short GRB 180418A. <i>Astrophysical Journal</i> , 2019, 881, 12.	4.5	21
274	Highly ionized region surrounding SN Refsdal revealed by MUSE. <i>Astronomy and Astrophysics</i> , 2016, 585, A27.	5.1	21
275	A Data-driven Technique Using Millisecond Transients to Measure the Milky Way Halo. <i>Astrophysical Journal Letters</i> , 2020, 895, L49.	8.3	20
276	Metallicities and dust content of proximate damped Lyman λ systems in the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 448-468.	4.4	19
277	A DEEP SEARCH FOR FAINT GALAXIES ASSOCIATED WITH VERY LOW-REDSHIFT C IV ABSORBERS: A CASE WITH COLD-ACCRETION CHARACTERISTICS. <i>Astrophysical Journal Letters</i> , 2013, 779, L17.	8.3	19
278	Using Machine Learning to classify the diffuse interstellar bands. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 332-352.	4.4	19
279	On the CGM Fundamental Plane: The Halo Mass Dependency of Circumgalactic H I. <i>Astrophysical Journal</i> , 2018, 864, 132.	4.5	19
280	ALMA observations of a metal-rich damped Ly λ 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
281	Constraining magnetic fields in the circumgalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3142-3151.	4.4	19
282	The Cold Circumgalactic Environment of MAMMOTH-I: Dynamically Cold Gas in the Core of an Enormous Ly λ Nebula. <i>Astrophysical Journal</i> , 2019, 887, 86.	4.5	19
283	A DUSTY Mg II ABSORBER ASSOCIATED WITH THE QUASAR SDSS J003545.13+011441.2. <i>Astrophysical Journal</i> , 2010, 720, 328-336.	4.5	18
284	Performance and calibration of H2RG detectors and SIDECAR ASICs for the RATIR camera. <i>Proceedings of SPIE</i> , 2012, , .	0.8	18
285	HAPPY BIRTHDAY<i>SWIFT</i>: ULTRA-LONG GRB 141121A AND ITS BROADBAND AFTERGLOW. <i>Astrophysical Journal</i> , 2015, 812, 122.	4.5	18
286	AN IMAGING AND SPECTROSCOPIC STUDY OF FOUR STRONG Mg II ABSORBERS REVEALED BY GRB 060418. <i>Astrophysical Journal</i> , 2009, 701, 1605-1615.	4.5	17
287	AN EXPLANATION FOR THE DIFFERENT X-RAY TO OPTICAL COLUMN DENSITIES IN THE ENVIRONMENTS OF GAMMA RAY BURSTS: A PROGENITOR EMBEDDED IN A DENSE MEDIUM. <i>Astrophysical Journal</i> , 2013, 774, 115.	4.5	17
288	Discovery of a transparent sightline at $\sim 20 \text{ kpc}$ from an interacting pair of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 3039-3048.	4.4	17

#	ARTICLE	IF	CITATIONS
289	Photometric Observations of Supernova 2013cq Associated with GRB 130427A. <i>Astrophysical Journal</i> , 2017, 837, 116.	4.5	17
290	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
291	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
292	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
293	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.	4.5	17
294	HIGH DUST DEPLETION IN TWO INTERVENING QUASAR ABSORPTION LINE SYSTEMS WITH THE 2175 Å... EXTINCTION BUMP AT $z \approx 1.4$. <i>Astrophysical Journal</i> , 2010, 724, 1325-1335.	4.5	16
295	THE LAST EIGHT-BILLION YEARS OF INTERGALACTIC Si IV EVOLUTION. <i>Astrophysical Journal</i> , 2011, 729, 87.	4.5	16
296	Gas inflow and outflow in an interacting high-redshift galaxy. <i>Astronomy and Astrophysics</i> , 2017, 607, A107.	5.1	16
297	The Spectral and Environment Properties of $z \approx 2.0-2.5$ Quasar Pairs. <i>Astrophysical Journal</i> , 2018, 860, 41.	4.5	16
298	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
299	Confronting the Magnetar Interpretation of Fast Radio Bursts through Their Host Galaxy Demographics. <i>Astrophysical Journal Letters</i> , 2020, 905, L30.	8.3	16
300	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
301	Constraining the Cosmic Baryon Distribution with Fast Radio Burst Foreground Mapping. <i>Astrophysical Journal</i> , 2022, 928, 9.	4.5	16
302	The Most Metal-rich Damped Ly α Systems at $z \approx 1.5$: The Data. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 167-210.	3.1	15
303	On the selection of damped Lyman α systems using Mg II absorption at $z \approx 2$ < i> < i> abs < i> 4. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 464, L56-L60.	3.3	15
304	Statistical Correlation between the Distribution of Ly α Emitters and Intergalactic Medium H I at $z \approx 2$ Mapped by the Subaru/Hyper Suprime-Cam. <i>Astrophysical Journal</i> , 2021, 907, 3.	4.5	15
305	First Constraints on Compact Dark Matter from Fast Radio Burst Microstructure. <i>Astrophysical Journal</i> , 2020, 900, 122.	4.5	15
306	Quasars Probing Quasars. X. The Quasar Pair Spectral Database. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 44.	7.7	14

#	ARTICLE	IF	CITATIONS
307	Discovery of intergalactic bridges connecting two faint $z \sim 3$ quasars. <i>Astronomy and Astrophysics</i> , 2019, 631, A18.	5.1	14
308	High Molecular Gas Masses in Absorption-selected Galaxies at $z \sim 2$. <i>Astrophysical Journal Letters</i> , 2020, 901, L5.	8.3	14
309	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
310	A search of CO emission lines in blazars: the low molecular gas content of BL Lac objects compared to quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 2276-2283.	4.4	13
311	AN INDEPENDENT MEASUREMENT OF THE INCIDENCE OF Mg II ABSORBERS ALONG GAMMA-RAY BURST SIGHT LINES: THE END OF THE MYSTERY?. <i>Astrophysical Journal</i> , 2013, 773, 82.	4.5	13
312	Quasar 2175Å... dust absorbers â€“ II. Correlation analysis and relationship with other absorption line systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4870-4880.	4.4	13
313	Dating individual quasars with the He II $\lambda 4131$ proximity effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5084-5103.	4.4	13
314	Optical Spectroscopy of Dual Quasar Candidates from the Subaru HSC-SSP program. <i>Astrophysical Journal</i> , 2021, 922, 83.	4.5	13
315	Emergence of a quasar outflow. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 391, L39-L43.	3.3	12
316	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
317	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.	4.4	12
318	On the environments of giant radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5104-5114.	4.4	12
319	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.	4.5	12
320	Dissecting cold gas in a high-redshift galaxy using a lensed background quasar. <i>Astronomy and Astrophysics</i> , 2018, 619, A142.	5.1	12
321	A search for supernova-like optical counterparts to ASKAP-localised fast radio bursts. <i>Astronomy and Astrophysics</i> , 2020, 639, A119.	5.1	12
322	Three-dimensional Distribution Map of H I Gas and Galaxies around an Enormous Ly α Nebula and Three QSOs at $z \sim 2.3$ Revealed by the H I Tomographic Mapping Technique. <i>Astrophysical Journal</i> , 2020, 896, 45.	4.5	12
323	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
324	Constraints on the Diverse Progenitors of GRBs from the Large-Scale Environments. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	11

#	ARTICLE	IF	CITATIONS
325	DISCOVERY OF A DAMPED Ly α ABSORBER AT $z = 3.3$ ALONG A GALAXY SIGHT-LINE IN THE SSA22 FIELD. <i>Astrophysical Journal</i> , 2016, 817, 161.	4.5	11
326	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
327	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.	4.5	11
328	GRB 180620A: Evidence for Late-time Energy Injection. <i>Astrophysical Journal</i> , 2019, 887, 254.	4.5	11
329	Quasar Sightline and Galaxy Evolution (QSAGE) survey – II. Galaxy overdensities around UV luminous quasars at $z \sim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3083-3096.	4.4	11
330	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
331	Deep Learning of Sea Surface Temperature Patterns to Identify Ocean Extremes. <i>Remote Sensing</i> , 2021, 13, 744.	4.0	11
332	Time variations of narrow absorption lines in high resolution quasar spectra. <i>Astronomy and Astrophysics</i> , 2015, 581, A109.	5.1	11
333	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
334	The CGM ² Survey: Circumgalactic O vi from Dwarf to Massive Star-forming Galaxies. <i>Astrophysical Journal</i> , 2022, 927, 147.	4.5	11
335	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.	4.4	10
336	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, 8.3	8.3	10
337	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
338	Constraining bright optical counterparts of fast radio bursts. <i>Astronomy and Astrophysics</i> , 2021, 653, A119.	5.1	10
339	VERITAS OBSERVATIONS OF SIX BRIGHT, HARD-SPECTRUM FERMI-LAT BLAZARS. <i>Astrophysical Journal</i> , 2012, 759, 102.	4.5	9
340	IDENTIFYING HIGH-REDSHIFT GAMMA-RAY BURSTS WITH RATIR. <i>Astronomical Journal</i> , 2014, 148, 2.	4.7	9
341	The nature of massive black hole binary candidates – II. Spectral energy distribution atlas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 316-332.	4.4	9
342	THE CIRCUMGALACTIC MEDIUM OF SUBMILLIMETER GALAXIES. I. FIRST RESULTS FROM A RADIO-IDENTIFIED SAMPLE. <i>Astrophysical Journal</i> , 2016, 832, 52.	4.5	9

#	ARTICLE	IF	CITATIONS
343	A [Câ€%ii] 158â€%î¼m emitter associated with an Oâ€%i absorber at the end of the reionization epoch. <i>Nature Astronomy</i> , 2021, 5, 1110-1117.	10.1	9
344	A Multiwavelength Study of ELAN Environments (AMUSE ²). <i>Astronomy and Astrophysics</i> , 2022, 658, A77.	5.1	9
345	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
346	SHINING LIGHT ON MERGING GALAXIES. I. THE ONGOING MERGER OF A QUASAR WITH A "GREEN VALLEY" GALAXY. <i>Astrophysical Journal</i> , 2011, 735, 54.	4.5	8
347	A search for boron in damped Ly α systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 2892-2906.	4.4	8
348	THE OPTICAL VARIABILITY OF SDSS QUASARS FROM MULTI-EPOCH SPECTROSCOPY. III. A SUDDEN UV CUTOFF IN QUASAR SDSS J2317+0005. <i>Astrophysical Journal</i> , 2016, 826, 186.	4.5	8
349	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
350	A VLT/FORS2 Narrowband Imaging Search for Mg ii Emission around $z \sim 0.7$ Galaxies. <i>Astrophysical Journal</i> , 2019, 879, 7.	4.5	8
351	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
352	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. <i>Astrophysical Journal</i> , 2022, 930, 72.	4.5	8
353	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
354	SPECTRAL POLARIZATION OF THE REDSHIFTED 21 cm ABSORPTION LINE TOWARD 3C 286. <i>Astrophysical Journal</i> , 2011, 733, 24.	4.5	7
355	THE ADVANCED CAMERA FOR SURVEYS+WIDE FIELD CAMERA 3 SURVEY FOR LYMAN LIMIT SYSTEMS. I. THE DATA. <i>Astrophysical Journal, Supplement Series</i> , 2011, 195, 16.	7.7	7
356	Software solution for autonomous observations with H2RG detectors and SIDECAR ASICs for the RATIR camera. <i>Proceedings of SPIE</i> , 2012, , .	0.8	7
357	On the redshift of the blazar PKS 0447-439. <i>Astronomy and Astrophysics</i> , 2012, 545, A68.	5.1	7
358	A search for H α emission in high-metallicity damped Lyman α systems at $z \sim 2.4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 2832-2839.	4.4	7
359	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
360	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

#	ARTICLE	IF	CITATIONS
361	The Nature of HI-absorption-selected Galaxies at $z \approx 4$. <i>Astrophysical Journal</i> , 2021, 921, 68.	4.5	7
362	Estimating the Contribution of Foreground Halos to the FRB 180924 Dispersion Measure. <i>Astrophysical Journal</i> , 2021, 921, 134.	4.5	7
363	A Fast Radio Burst Progenitor Born in a Galaxy Merger. <i>Astrophysical Journal Letters</i> , 2022, 925, L20.	8.3	7
364	Monte Carlo Physarum Machine: Characteristics of Pattern Formation in Continuous Stochastic Transport Networks. <i>Artificial Life</i> , 2022, 28, 22-57.	1.3	7
365	The Bright Symbiotic Mira EF Aquilae. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 024201.	3.1	6
366	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
367	Extreme Circumgalactic H I and C III Absorption around the Most Massive, Quenched Galaxies. <i>Astrophysical Journal</i> , 2018, 867, 106.	4.5	6
368	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> , 0, , .	4.4	6
369	Discovery of a Rare Late-type, Low-mass Wolf-Rayet Star in the LMC. <i>Astrophysical Journal</i> , 2020, 888, 54.	4.5	6
370	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
371	The Third Data Release of the KODIAQ Survey. <i>Astronomical Journal</i> , 2021, 161, 45.	4.7	6
372	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
373	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
374	Spectroscopic Redshift of the Gamma-Ray Blazar B2 1215+30 from Ly α Emission. <i>Astronomical Journal</i> , 2019, 157, 41.	4.7	4
375	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	4
376	Effective Opacity of the Intergalactic Medium from Galaxy Spectra Analysis. <i>Astronomical Journal</i> , 2020, 160, 37.	4.7	4
377	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
378	Jansky Very Large Array Detections of CO(1 \rightarrow 0) Emission in HI-absorption-selected Galaxies at $z \approx 2$. <i>Astrophysical Journal Letters</i> , 2022, 933, L42.	8.3	4

#	ARTICLE	IF	CITATIONS
379	Mechanical configurations for the reionization and transients infrared camera (RATIR). Proceedings of SPIE, 2010, , .	0.8	3
380	Constraints on the gas masses of low- z damped Lyman λ systems. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 443, L29-L33.	3.3	3
381	A survey of ultraviolet-bright sources behind the halo of M31. Monthly Notices of the Royal Astronomical Society, 2009, 399, 728-736.	4.4	2
382	New developments in instrumentation at the W. M. Keck Observatory. , 2014, , .		2
383	ALMA and RATIR observations of GRB λ 131030A. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	2
384	Spectral Image Classification with Deep Learning. Publications of the Astronomical Society of the Pacific, 2018, 130, 094501.	3.1	2
385	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. Astrophysical Journal Letters, 2020, 889, L12.	8.3	2
386	Multiwavelength Follow-up of FRB180309. Astrophysical Journal, 2021, 913, 78.	4.5	2
387	HI Absorption in the Intergalactic Medium. Saas-Fee Advanced Course, 2019, , 111-188.	1.1	2
388	Reconciling the Metallicity Distributions of Gamma-ray Burst, Damped Lyman- λ , and Lyman-break Galaxies at $z \approx 3$. Proceedings of the International Astronomical Union, 2008, 4, 41-48.	0.0	1
389	Keck 1 deployable tertiary mirror (K1DM3). , 2012, , .		1
390	The Neutral Hydrogen Cosmological Mass Density at $z = 5$. Proceedings of the International Astronomical Union, 2016, 11, 309-314.	0.0	1
391	Detailed design of a deployable tertiary mirror for the Keck I telescope. Proceedings of SPIE, 2016, , .	0.8	1
392	MUSE searches for galaxies near very metal-poor gas clouds at $z \approx 3$: new constraints for cold accretion models. , 0, .		1
393	Detection of the 2175 Å... dust feature from The Sloan Digital Sky Survey first and second data releases. Proceedings of the International Astronomical Union, 2005, 1, 331-336.	0.0	0
394	Metal-line system survey: characterizing the low-redshift IGM. Astrophysics and Space Science, 2009, 320, 31-34.	1.4	0
395	FLASHLIGHT: Fluorescent Lyman-Alpha Survey of cosmic Hydrogen illuminated by high-redshift quasars.. Proceedings of the International Astronomical Union, 2013, 9, 253-256.	0.0	0
396	Design development of a deployable tertiary mirror for Keck. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
397	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
398	Comprehensive Abundance Measurements in Damped Ly α Systems. , 2008, , 69-72.		0
399	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