

Sloan Digital Sky Survey IV: Mapping the Milky Way, Neighboring Galaxies, and the Local Universe

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Target Selection for the SDSS-IV APOGEE-2 Survey. <i>Astronomical Journal</i> , 2017, 154, 198.	1.9	200
2	Adding the s-Process Element Cerium to the APOGEE Survey: Identification and Characterization of Ce ii Lines in the H-band Spectral Window. <i>Astrophysical Journal</i> , 2017, 844, 145.	1.6	66
3	Impact of Massive Neutrinos and Dark Radiation on the High-redshift Cosmic Web. I. Ly α Forest Observables. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 12.	3.0	8
4	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 25.	3.0	406
5	New VV Survey Globular Cluster Candidates in the Milky Way Bulge*. <i>Astrophysical Journal Letters</i> , 2017, 849, L24.	3.0	65
6	The SDSS-IV extended Baryon Oscillation Spectroscopic Survey: final emission line galaxy target selection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3955-3973.	1.6	62
7	The SDSS-IV MaNGA Sample: Design, Optimization, and Usage Considerations. <i>Astronomical Journal</i> , 2017, 154, 86.	1.9	277
8	The Sloan Digital Sky Survey Reverberation Mapping Project: H β and H γ Reverberation Measurements from First-year Spectroscopy and Photometry. <i>Astrophysical Journal</i> , 2017, 851, 21.	1.6	168
9	SDSS-IV MaNGA: Probing the Kinematic Morphology–Density Relation of Early-type Galaxies with MaNGA. <i>Astrophysical Journal Letters</i> , 2017, 851, L33.	3.0	28
10	SDSS-IV MaNGA-resolved Star Formation and Molecular Gas Properties of Green Valley Galaxies: A First Look with ALMA and MaNGA. <i>Astrophysical Journal</i> , 2017, 851, 18.	1.6	47
11	SDSS-IV MaNGA: Spatially Resolved Star Formation Main Sequence and LI(N)ER Sequence. <i>Astrophysical Journal Letters</i> , 2017, 851, L24.	3.0	77
12	Models of Emission-Line Profiles and Spectral Energy Distributions to Characterize the Multi-Frequency Properties of Active Galactic Nuclei. <i>Atoms</i> , 2017, 5, 43.	0.7	0
13	Empirical Bolometric Fluxes and Angular Diameters of 1.6 Million Tycho-2 Stars and Radii of 350,000 Stars with Gaia DR1 Parallaxes. <i>Astronomical Journal</i> , 2017, 154, 259.	1.9	32
14	StarHorse: a Bayesian tool for determining stellar masses, ages, distances, and extinctions for field stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2556-2583.	1.6	141
15	SkyMapper Southern Survey: First Data Release (DR1). <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, .	1.3	301
16	KELT-21b: A Hot Jupiter Transiting the Rapidly Rotating Metal-poor Late-A Primary of a Likely Hierarchical Triple System. <i>Astronomical Journal</i> , 2018, 155, 100.	1.9	55
17	SDSS-IV MaNGA: the spatial distribution of star formation and its dependence on mass, structure, and environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 580-600.	1.6	48
18	Chemical Abundances of Main-sequence, Turnoff, Subgiant, and Red Giant Stars from APOGEE Spectra. I. Signatures of Diffusion in the Open Cluster M67. <i>Astrophysical Journal</i> , 2018, 857, 14.	1.6	52

#	ARTICLE	IF	CITATIONS
19	SDSS-IV MaNGA: stellar angular momentum of about 2300 galaxies: unveiling the bimodality of massive galaxy properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4711-4737.	1.6	107
20	psfgan: a generative adversarial network system for separating quasar point sources and host galaxy light. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2513-2527.	1.6	16
21	Disentangling the Galactic Halo with APOGEE. II. Chemical and Star Formation Histories for the Two Distinct Populations. <i>Astrophysical Journal</i> , 2018, 852, 50.	1.6	53
22	SDSS-IV MaNGA: evidence of the importance of AGN feedback in low-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 979-998.	1.6	85
23	The Time-domain Spectroscopic Survey: Target Selection for Repeat Spectroscopy. <i>Astronomical Journal</i> , 2018, 155, 6.	1.9	20
24	Disentangling the Galactic Halo with APOGEE. I. Chemical and Kinematical Investigation of Distinct Metal-poor Populations. <i>Astrophysical Journal</i> , 2018, 852, 49.	1.6	123
25	Null tests of the standard model using the linear model formalism. <i>Physical Review D</i> , 2018, 97, .	1.6	27
26	Massive Stars in the SDSS-IV/APOGEE SURVEY. I. OB Stars. <i>Astrophysical Journal</i> , 2018, 855, 68.	1.6	14
27	SDSS-IV MaNGA: Uncovering the Angular Momentum Content of Central and Satellite Early-type Galaxies. <i>Astrophysical Journal</i> , 2018, 852, 36.	1.6	23
28	Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View. <i>Astrophysical Journal</i> , 2018, 854, 147.	1.6	100
29	SDSS IV MaNGA: Dependence of Global and Spatially Resolved SFR \dot{M}_{star} Relations on Galaxy Properties. <i>Astrophysical Journal</i> , 2018, 854, 159.	1.6	26
30	Dust in the Wind: Composition and Kinematics of Galaxy Outflows at the Peak Epoch of Star Formation. <i>Astrophysical Journal</i> , 2018, 863, 191.	1.6	28
31	Spatially Resolved Spectroscopic Study of nearby Seyfert Galaxies: Implications for a Population of Missed Seyferts at High-z. <i>Astrophysical Journal</i> , 2018, 869, 138.	1.6	3
32	Detecting Radio AGN Signatures in Red Geysers. <i>Astrophysical Journal</i> , 2018, 869, 117.	1.6	19
33	The Effect of Galaxy Interactions on Molecular Gas Properties. <i>Astrophysical Journal</i> , 2018, 868, 132.	1.6	51
34	SDSS-IV MaNGA: the formation sequence of S0 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5580-5591.	1.6	54
35	Binary Companions of Evolved Stars in APOGEE DR14: Search Method and Catalog of $\sim 1/4$ 5000 Companions. <i>Astronomical Journal</i> , 2018, 156, 18.	1.9	2,267
36	The Extremely Luminous Quasar Survey in the Sloan Digital Sky Survey Footprint. II. The North Galactic Cap Sample. <i>Astrophysical Journal</i> , 2018, 863, 144.	1.6	18

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37	On the nature of small galaxy systems. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2458-2469.	1.6	9
38	Redshifted broad absorption line quasars found via machine-learned spectral similarity. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3889-3897.	1.6	8
39	KIC 25688888: To Be or Not to Be a Binary. Astrophysical Journal, 2018, 868, 103.	1.6	2
40	Quantifying the diffuse continuum contribution of BLR Clouds to AGN Continuum Inter-band Delays. Monthly Notices of the Royal Astronomical Society, 2018, 481, 533-554.	1.6	58
41	The orientation of galaxy pairs with filamentary structures: dependence on morphology. Astronomy and Astrophysics, 2018, 619, A24.	2.1	10
42	Chemical analysis of NGC 6528: one of the most metal-rich bulge globular clusters. Astronomy and Astrophysics, 2018, 620, A96.	2.1	29
43	SDSS-IV MaNGA: the spectroscopic discovery of strongly lensed galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 477, 195-209.	1.6	24
44	Uncovering dwarf elliptical evolution through spatially resolved spectroscopy. Proceedings of the International Astronomical Union, 2018, 14, 345-348.	0.0	0
45	Star formation in dwarf galaxies in the ELAIS N1 field. Proceedings of the International Astronomical Union, 2018, 14, 292-295.	0.0	0
46	Morphology of AGN emission-line regions in SDSS-IV MaNGA survey. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3614-3626.	1.6	9
47	Spatially resolved star formation and dust attenuation in Mrk 848: Comparison of the integral field spectra and the UV-to-IR SED. Astronomy and Astrophysics, 2018, 613, A13.	2.1	17
48	The triply-ionized carbon forest from eBOSS: cosmological correlations with quasars in SDSS-IV DR14. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 029-029.	1.9	13
49	The Dual Role of Starbursts and Active Galactic Nuclei in Driving Extreme Molecular Outflows. Astrophysical Journal, 2018, 859, 35.	1.6	24
50	Machine-Learning Identification of Extragalactic Objects in the Optical-Infrared All-Sky Surveys. , 2018, , ,		2
51	Isochrone ages for $\sim 1/3$ million stars with the second Gaia data release. Monthly Notices of the Royal Astronomical Society, 2018, 481, 4093-4110.	1.6	106
52	A quantitative spectral analysis of 14 hypervelocity stars from the MMT survey. Astronomy and Astrophysics, 2018, 615, L5.	2.1	21
53	Binary Companions of Evolved Stars in APOGEE DR14: Orbital Circularization. Astrophysical Journal, 2018, 867, 5.	1.6	24
54	SDSS-IV MaNGA: spatially resolved star formation histories and the connection to galaxy physical properties. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2544-2561.	1.6	34

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55	Photometric redshifts for the Kilo-Degree Survey. <i>Astronomy and Astrophysics</i> , 2018, 616, A69.	2.1	54
56	The Second APOKASC Catalog: The Empirical Approach. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 32.	3.0	183
57	Kinetic Tomography. II. A Second Method for Mapping the Velocity Field of the Milky Way Interstellar Medium and a Comparison with Spiral Structure Models. <i>Astronomical Journal</i> , 2018, 156, 248.	1.9	13
58	Mass-Metallicity Relation and Fundamental Metallicity Relation of Metal-poor Star-forming Galaxies at $0.6 < z < 0.9$ from the eBOSS Survey. <i>Astrophysical Journal</i> , 2018, 869, 15.	1.6	16
59	What Determines the Local Metallicity of Galaxies: Global Stellar Mass, Local Stellar Mass Surface Density, or Star Formation Rate?. <i>Astrophysical Journal</i> , 2018, 868, 89.	1.6	17
60	The Open Cluster Chemical Abundances and Mapping Survey. II. Precision Cluster Abundances for APOGEE Using SDSS DR14. <i>Astronomical Journal</i> , 2018, 156, 142.	1.9	51
61	Infrared colours and inferred masses of metal-poor giant stars in the Kepler field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 2812-2818.	1.6	6
62	SDSS IV MaNGA sSFR profiles and the slow quenching of discs in green valley galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3014-3029.	1.6	110
63	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.	1.6	4
64	The APOGEE-2 Survey of the Orion Star-forming Complex. II. Six-dimensional Structure. <i>Astronomical Journal</i> , 2018, 156, 84.	1.9	216
65	Field spheroid-dominated galaxies in a Λ -CDM Universe. <i>Astronomy and Astrophysics</i> , 2018, 614, A85.	2.1	7
66	Evidence against Anomalous Compositions for Giants in the Galactic Nuclear Star Cluster. <i>Astrophysical Journal</i> , 2018, 866, 52.	1.6	18
67	Detection of the Milky Way spiral arms in dust from 3D mapping. <i>Astronomy and Astrophysics</i> , 2018, 618, A168.	2.1	26
68	KiDS-SQuAD: The KiDS Strongly lensed Quasar Detection project. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1163-1173.	1.6	36
69	Large-Scale Searches for Brown Dwarfs and Free-Floating Planets. , 2018, , 503-529.		2
70	Measuring the scale of cosmic homogeneity with SDSS-IV DR14 quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5270-5274.	1.6	20
71	A study of environmental effects on galaxy spin using MaNGA data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1567-1577.	1.6	13
72	Age-resolved chemistry of red giants in the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2326-2348.	1.6	54

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73	Bulk Comptonization: new hints from the luminous blazar 4C+25.05. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 473, L89-L93.	1.2	4
74	The Origin of the 300 km s ⁻¹ Stream near Segue 1. Astrophysical Journal, 2018, 866, 42.	1.6	10
75	The Circumgalactic Medium of eBOSS Emission Line Galaxies: Signatures of Galactic Outflows in Gas Distribution and Kinematics. Astrophysical Journal, 2018, 866, 36.	1.6	66
76	Machine learning in APOGEE. Astronomy and Astrophysics, 2018, 612, A98.	2.1	15
77	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: anisotropic clustering analysis in configuration space. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2521-2534.	1.6	61
78	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: measurement of the growth rate of structure from the anisotropic correlation function between redshift 0.8 and 2.2. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1639-1663.	1.6	109
79	Kepler-503b: An Object at the Hydrogen Burning Mass Limit Orbiting a Subgiant Star. Astrophysical Journal Letters, 2018, 861, L4.	3.0	17
80	APOGEE Data Releases 13 and 14: Stellar Parameter and Abundance Comparisons with Independent Analyses. Astronomical Journal, 2018, 156, 126.	1.9	113
81	APOGEE Data Releases 13 and 14: Data and Analysis. Astronomical Journal, 2018, 156, 125.	1.9	220
82	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: anisotropic Baryon Acoustic Oscillations measurements in Fourier-space with optimal redshift weights. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1528-1535.	1.6	13
83	SDSS-IV MaNGA: the different quenching histories of fast and slow rotators. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2679-2687.	1.6	27
84	The Hercules stream as seen by APOGEE-2 South. Monthly Notices of the Royal Astronomical Society, 2018, 474, 95-101.	1.6	24
85	12C/13C isotopic ratios in red-giant stars of the open cluster NGC 6791. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4810-4817.	1.6	16
86	SDSS-IV MaNGA: identification of active galactic nuclei in optical integral field unit surveys. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1499-1514.	1.6	48
87	The infrared luminosity function of AKARI 90 μ m galaxies in the local Universe. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5363-5371.	1.6	9
88	Exploring relations between BCG and cluster properties in the Spectroscopic IDentification of eROSITA Sources survey from 0.05 $\leq z \leq 0.3$. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4952-4973.	1.6	14
89	Large-Scale Searches for Brown Dwarfs and Free-Floating Planets. , 2018, , 1-27.		0
90	The origin of double-peaked narrow lines in active galactic nuclei – III. Feedback from biconical AGN outflows. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2160-2187.	1.6	17

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91	SDSS-IV MaNGA: constraints on the conditions for star formation in galaxy discs. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2323-2333.	1.6	7
92	Extracting cosmological information from the angular power spectrum of the 2MASS Photometric Redshift catalogue. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1050-1070.	1.6	21
93	The Sloan Digital Sky Survey Quasar Catalog: Fourteenth data release. Astronomy and Astrophysics, 2018, 613, A51.	2.1	333
94	SDSS-IV MaNGA: Star Formation Cessation in Low-redshift Galaxies. I. Dependence on Stellar Mass and Structural Properties. Astrophysical Journal, 2018, 856, 137.	1.6	37
95	SDSS-IV MaNGA: characterizing non-axisymmetric motions in galaxy velocity fields using the Radon transform. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2217-2235.	1.6	12
96	3D Asymmetrical motions of the Galactic outer disc with LAMOST K giant stars. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2858-2866.	1.6	37
97	A Main Sequence for Quasars. Frontiers in Astronomy and Space Sciences, 2018, 5, .	1.1	76
98	Disk-like Chemistry of the Triangulum-Andromeda Overdensity as Seen by APOGEE. Astrophysical Journal Letters, 2018, 859, L8.	3.0	24
99	Distributed Fast Self-Organized Maps for Massive Spectrophotometric Data Analysis. Sensors, 2018, 18, 1419.	2.1	3
100	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: structure growth rate measurement from the anisotropic quasar power spectrum in the redshift range 0.8 z 2.2. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1604-1638.	1.6	118
101	Circumnuclear star formation in Mrk 42 mapped with Gemini Near-infrared Integral Field Spectrograph. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1086-1098.	1.6	13
102	SDSS-IV MaNGA: the spatially resolved stellar initial mass function in ~ 4400 early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3954-3982.	1.6	83
103	SDSS-IV MaNGA: modelling the metallicity gradients of gas and stars – radially dependent metal outflow versus IMF. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3883-3901.	1.6	43
104	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: measuring the anisotropic baryon acoustic oscillations with redshift weights. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1096-1105.	1.6	27
105	A Chemical and Kinematical Analysis of the Intermediate-age Open Cluster IC 166 from APOGEE and Gaia DR2. Astronomical Journal, 2018, 156, 94.	1.9	8
106	Low Metallicities and Old Ages for Three Ultra-diffuse Galaxies in the Coma Cluster. Astrophysical Journal, 2018, 859, 37.	1.6	56
107	Minkowski Tensors in Three Dimensions: Probing the Anisotropy Generated by Redshift Space Distortion. Astrophysical Journal, 2018, 863, 200.	1.6	15
108	The TESS Input Catalog and Candidate Target List. Astronomical Journal, 2018, 156, 102.	1.9	433

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109	Signatures of the Galactic bar on stellar kinematics unveiled by APOGEE. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1231-1243.	1.6	6
110	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. Astrophysical Journal, Supplement Series, 2018, 235, 42.	3.0	796
111	The SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations at Redshift of 0.72 with the DR14 Luminous Red Galaxy Sample. Astrophysical Journal, 2018, 863, 110.	1.6	125
112	A Test of MONDian Gravity in $\sim 1/4$ 300 Pressure-supported Elliptical Galaxies from the MaNGA Survey. Astrophysical Journal, 2018, 863, 107.	1.6	15
113	A New Catalog of Radial Velocity Standard Stars from the APOGEE Data. Astronomical Journal, 2018, 156, 90.	1.9	38
114	Stellar and Planetary Characterization of the Ross 128 Exoplanetary System from APOGEE Spectra. Astrophysical Journal Letters, 2018, 860, L15.	3.0	21
115	The one-dimensional power spectrum from the SDSS DR14 Ly α forests. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 017-017.	1.9	80
116	Spatial variations in the Milky Way disc metallicity-age relation. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1742-1752.	1.6	55
117	Colour similarity study among small galaxy groups members. NRIAG Journal of Astronomy and Geophysics, 2019, 8, 15-21.	0.5	0
118	Multi-phase outflows in Mkn 848 observed with SDSS-MaNGA integral field spectroscopy. Astronomy and Astrophysics, 2019, 623, A171.	2.1	23
119	Origin of α -rich young stars: clues from C, N, and O. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4343-4354.	1.6	27
120	SDSS-IV MaNGA: stellar population gradients within barred galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L6-L11.	1.2	27
121	Observing the Dark Sector. Universe, 2019, 5, 137.	0.9	6
122	J-PAS: forecasts on interacting dark energy from baryon acoustic oscillations and redshift-space distortions. Monthly Notices of the Royal Astronomical Society, 2019, 488, 78-88.	1.6	20
123	H α -MaNGA: H α follow-up for the MaNGA survey. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3396-3405.	1.6	44
124	SDSS-IV MaNGA: effects of morphology in the global and local star formation main sequences. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3929-3948.	1.6	63
125	Gaia Data Release 2 catalogue of extremely low-mass white dwarf candidates. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2892-2903.	1.6	38
126	Henosis. , 2019, , .		1

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127	The local properties of supernova explosions and their host galaxies. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 121.	0.7	5
128	The spatial extension of extended narrow line regions in MaNGA AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 855-867.	1.6	24
129	Dynamical heating across the Milky Way disc using APOGEE and Gaia. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 176-195.	1.6	121
130	Time-slicing spiral galaxies with SDSS-IV MaNGA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1338-1343.	1.6	13
131	2PBCâ€™s J0658.0â€™1746: a hard X-ray eclipsing polar in the orbital period gap. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1044-1053.	1.6	8
132	Insights from the APOKASC determination of the evolutionary state of red-giant stars by consolidation of different methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4641-4657.	1.6	17
133	Galaxy properties as revealed by MaNGA â€™ I. Constraints on IMF and M*/L gradients in ellipticals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5612-5632.	1.6	38
134	Diffuse ionized gas and its effects on nebular metallicity estimates of star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4721-4733.	1.6	38
135	Post-starburst galaxies in SDSS-IV MaNGA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5709-5722.	1.6	35
136	SDSS-IV MaNGA: the inner density slopes of nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2124-2138.	1.6	19
137	A black box for dark sector physics: predicting dark matter annihilation feedback with conditional GANs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3134-3143.	1.6	9
138	Spatially resolved signature of quenching in star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2347-2366.	1.6	7
139	Life in the fast lane: a direct view of the dynamics, formation, and evolution of the Milky Wayâ€™s bar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4740-4747.	1.6	129
140	Resolved and Integrated Stellar Masses in the SDSS-IV/MaNGA Survey. II. Applications of PCA-based Stellar Mass Estimates. <i>Astrophysical Journal</i> , 2019, 883, 83.	1.6	15
141	Galaxy properties as revealed by MaNGA â€™ II. Differences in stellar populations of slow and fast rotator ellipticals and dependence on environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5633-5652.	1.6	29
142	Gravitational lensing reveals ionizing ultraviolet photons escaping from a distant galaxy. <i>Science</i> , 2019, 366, 738-741.	6.0	82
143	Resolved and Integrated Stellar Masses in the SDSS-iv/MaNGA Survey. I. PCA Spectral Fitting and Stellar Mass-to-light Ratio Estimates. <i>Astrophysical Journal</i> , 2019, 883, 82.	1.6	10
144	A noninteracting low-mass black holeâ€™ giant star binary system. <i>Science</i> , 2019, 366, 637-640.	6.0	182

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145	J-PLUS: Impact of bars on quenching timescales in nearby green valley disc galaxies. <i>Astronomy and Astrophysics</i> , 2019, 630, A88.	2.1	5
146	The Sloan Digital Sky Survey Reverberation Mapping Project: Accretion and Broad Emission Line Physics from a Hypervariable Quasar. <i>Astrophysical Journal</i> , 2019, 885, 44.	1.6	32
147	Spectrophotometric Parallaxes with Linear Models: Accurate Distances for Luminous Red-giant Stars. <i>Astronomical Journal</i> , 2019, 158, 147.	1.9	35
148	On the Elevation and Suppression of Star Formation within Galaxies. <i>Astrophysical Journal</i> , 2019, 877, 132.	1.6	35
149	Mapping the Galactic Disk with the LAMOST and Gaia Red Clump Sample. III. A New Velocity Substructure and Time Stamps of the Galactic Disk Asymmetry in the Disk between 12 and 15 kpc. <i>Astrophysical Journal</i> , 2019, 884, 135.	1.6	18
150	Quasar Properties from the Sloan Digital Sky Survey. II. The Quasars Obtained by the SDSS-IV in the First Two Years. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 36.	3.0	10
151	Disintegrating Inbound Long-period Comet C/2019 J2. <i>Astrophysical Journal Letters</i> , 2019, 883, L28.	3.0	6
152	Spatially Resolved Studies of Local Massive Red Spiral Galaxies. <i>Astrophysical Journal Letters</i> , 2019, 883, L36.	3.0	20
153	Deep Learning for Image Sequence Classification of Astronomical Events. <i>Publications of the Astronomical Society of the Pacific</i> , 2019, 131, 108006.	1.0	36
154	The southern stellar stream spectroscopic survey (S5): Overview, target selection, data reduction, validation, and early science. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3508-3531.	1.6	68
155	Evidence for $\text{C}\alpha$ diffuse line emission at redshift $z \approx 2.6$. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 489, L53-L57.	1.2	27
156	Machine-learning Classifiers for Intermediate Redshift Emission-line Galaxies. <i>Astrophysical Journal</i> , 2019, 883, 63.	1.6	14
157	SDSS-IV MaNGA: environmental dependence of gas metallicity gradients in local star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1436-1450.	1.6	18
158	Unveiling the weak radio quasar population at $z \geq 4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2542-2549.	1.6	8
159	Discovery of an edge-on galaxy with X-shaped bi-cone α SDSS J171359.00+333625.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3830-3839.	1.6	3
160	Marvin: A Tool Kit for Streamlined Access and Visualization of the SDSS-IV MaNGA Data Set. <i>Astronomical Journal</i> , 2019, 158, 74.	1.9	120
161	The Spectroscopic Signature of Variability in High-redshift Quasars. <i>Astrophysical Journal</i> , 2019, 880, 78.	1.6	4
162	Characterizing the Local Relation between Star Formation Rate and Gas-phase Metallicity in MaNGA Spiral Galaxies. <i>Astrophysical Journal</i> , 2019, 882, 9.	1.6	30

#	ARTICLE	IF	CITATIONS
163	Redshift-weighted constraints on primordial non-Gaussianity from the clustering of the eBOSS DR14 quasars in Fourier space. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 010-010.	1.9	82
164	A hyper-runaway white dwarf in Gaia DR2 as a Type Ia supernova primary remnant candidate. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 420-426.	1.6	7
165	Chemodynamics of newly identified giants with a globular cluster like abundance patterns in the bulge, disc, and halo of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2864-2880.	1.6	38
166	The <i>Gaia</i>-ESO survey: Calibrating a relationship between age and the [C/N] abundance ratio with open clusters. <i>Astronomy and Astrophysics</i> , 2019, 629, A62.	2.1	39
167	Matter power spectrum: from Ly α forest to CMB scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2247-2253.	1.6	51
168	Star formation and polycyclic aromatic hydrocarbons in ELAIS N1 galaxies as seen by AKARI. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	1.0	4
169	APOGEE DR14/DR15 Abundances in the Inner Milky Way. <i>Astrophysical Journal</i> , 2019, 870, 138.	1.6	51
170	The Time-domain Spectroscopic Survey: Radial Velocity Variability in Dwarf Carbon Stars. <i>Astrophysical Journal</i> , 2019, 877, 44.	1.6	8
171	SDSS-IV/SPIDERS: A catalogue of X-ray selected AGN properties. <i>Astronomy and Astrophysics</i> , 2019, 625, A123.	2.1	20
172	The first 62 AGN observed with SDSS-IV MaNGA â€“ IV. Gas excitation and star formation rate distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5075-5093.	1.6	21
173	Predictably missing satellites: subhalo abundances in Milky Way-like haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4545-4568.	1.6	21
174	Exploring the Very Extended Low-surface-brightness Stellar Populations of the Large Magellanic Cloud with SMASH. <i>Astrophysical Journal</i> , 2019, 874, 118.	1.6	32
175	The ASAS-SN catalogue of variable stars â€“ IV. Periodic variables in the APOGEE survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5932-5945.	1.6	26
176	The metal-rich halo tail extended in $ z $: a characterization with Gaia DR2 and APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1462-1479.	1.6	16
177	Interpreting the Star Formationâ€“Extinction Relation with MaNGA. <i>Astrophysical Journal</i> , 2019, 872, 63.	1.6	14
178	Episodically Active Asteroid 6478 Gault. <i>Astrophysical Journal Letters</i> , 2019, 876, L19.	3.0	31
179	TOI-150: A Transiting Hot Jupiter in the TESS Southern CVZ*. <i>Astrophysical Journal Letters</i> , 2019, 877, L29.	3.0	12
180	From â€“bathtubâ€™ galaxy evolution models to metallicity gradients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 456-474.	1.6	49

#	ARTICLE	IF	CITATIONS
181	Blind chemical tagging with DBSCAN: prospects for spectroscopic surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 871-886.	1.6	20
182	The Relationship between Globular Cluster Mass, Metallicity, and Light-element Abundance Variations. <i>Astronomical Journal</i> , 2019, 158, 14.	1.9	45
183	SDSS-IV MaNGA: signatures of halo assembly in kinematically misaligned galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 172-188.	1.6	15
184	Spectroscopic confirmation of the binary nature of the hybrid pulsator KIC 5709664 found with the frequency modulation method. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2129-2136.	1.6	4
185	What drives the velocity dispersion of ionized gas in star-forming galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4463-4472.	1.6	24
186	Fast and energetic AGN-driven outflows in simulated dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2047-2066.	1.6	41
187	Close Companions around Young Stars. <i>Astronomical Journal</i> , 2019, 157, 196.	1.9	81
188	SDSS-IV eBOSS Spectroscopy of X-Ray and WISE AGNs in Stripe 82X: Overview of the Demographics of X-Ray- and Mid-infrared-selected Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2019, 876, 50.	1.6	32
189	Purveyors of fine halos: Re-assessing globular cluster contributions to the Milky Way halo buildup with SDSS-IV. <i>Astronomy and Astrophysics</i> , 2019, 625, A75.	2.1	38
190	Mass functions, luminosity functions, and completeness measurements from clustering redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 3059-3077.	1.6	10
191	A Hint of Three-section Halo As Seen from the APOGEE DR14. <i>Astrophysical Journal</i> , 2019, 871, 216.	1.6	2
192	Evolution of Star-forming Galaxies from $z \approx 0.7$ to 1.2 with eBOSS Emission-line Galaxies. <i>Astrophysical Journal</i> , 2019, 871, 147.	1.6	32
193	Kepler-730: A Hot Jupiter System with a Close-in, Transiting, Earth-sized Planet. <i>Astrophysical Journal Letters</i> , 2019, 870, L17.	3.0	33
194	Discovery of Resolved Magnetically Split Lines in SDSS/APOGEE Spectra of 157 Ap/Bp Stars. <i>Astrophysical Journal Letters</i> , 2019, 873, L5.	3.0	19
195	Galaxy morphology prediction using Capsule Networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1539-1547.	1.6	10
196	The Sloan Digital Sky Survey Reverberation Mapping Project: Sample Characterization. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 34.	3.0	102
197	Mass calibration of the CODEX cluster sample using SPIDERS spectroscopy â€” I. The richnessâ€”mass relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1594-1607.	1.6	20
198	The Sloan Digital Sky Survey Reverberation Mapping Project: Systematic Investigations of Short-timescale C IV Broad Absorption Line Variability. <i>Astrophysical Journal</i> , 2019, 872, 21.	1.6	23

#	ARTICLE	IF	CITATIONS
199	Precessing winds from the nucleus of the prototype Red Geysers. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5590-5597.	1.6	14
200	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. Astrophysical Journal, Supplement Series, 2019, 240, 23.	3.0	299
201	Open clusters in APOGEE and GALAH. Astronomy and Astrophysics, 2019, 623, A80.	2.1	59
202	Ca line formation in late-type stellar atmospheres. Astronomy and Astrophysics, 2019, 623, A103.	2.1	22
203	SDSS-IV MaNGA: local and global chemical abundance patterns in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3420-3436.	1.6	32
204	SDSS-IV MaNGA: full spectroscopic bulge-disc decomposition of MaNGA early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1546-1558.	1.6	26
205	SDSS-IV MaNGA: stellar initial mass function variation inferred from Bayesian analysis of the integral field spectroscopy of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5256-5275.	1.6	28
206	Effects of environment on sSFR profiles of late-type galaxies in the CALIFA survey. Astronomy and Astrophysics, 2019, 621, A98.	2.1	12
207	Linking bar- and interaction-driven molecular gas concentration with centrally enhanced star formation in EDGE-CALIFA galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5192-5211.	1.6	44
208	The assembly history of the Galactic inner halo inferred from \hat{L} -element patterns. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1745-1756.	1.6	16
209	Widespread star formation inside galactic outflows. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3409-3429.	1.6	78
210	Chemical Abundances of Main-sequence, Turnoff, Subgiant, and Red Giant Stars from APOGEE Spectra. II. Atomic Diffusion in M67 Stars. Astrophysical Journal, 2019, 874, 97.	1.6	55
211	SDSS-IV MaNGA PyMorph Photometric and Deep Learning Morphological Catalogues and implications for bulge properties and stellar angular momentum. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2057-2077.	1.6	69
212	Constraining Metallicity-dependent Mixing and Extra Mixing Using [C/N] in Alpha-rich Field Giants. Astrophysical Journal, 2019, 872, 137.	1.6	44
213	Effects of [N/H] and H β line blending on the WFIRST Galaxy redshift survey. Monthly Notices of the Royal Astronomical Society, 2019, 485, 211-228.	1.6	9
214	APOGEE [C/N] Abundances across the Galaxy: Migration and Infall from Red Giant Ages. Astrophysical Journal, 2019, 871, 181.	1.6	25
215	The Gaia-ESO Survey: impact of extra mixing on C and N abundances of giant stars. Astronomy and Astrophysics, 2019, 621, A24.	2.1	45
216	Multifrequency filter search for high redshift sources and lensing systems in Herschel-ATLAS. Astronomy and Astrophysics, 2019, 622, A106.	2.1	1

#	ARTICLE	IF	CITATIONS
217	SNITCH: seeking a simple, informative star formation history inference tool. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3590-3603.	1.6	0
218	Anomalously Low-metallicity Regions in MaNGA Star-forming Galaxies: Accretion Caught in Action?. Astrophysical Journal, 2019, 872, 144.	1.6	35
219	The Extremely Luminous Quasar Survey in the Sloan Digital Sky Survey Footprint. III. The South Galactic Cap Sample and the Quasar Luminosity Function at Cosmic Noon. Astrophysical Journal, 2019, 871, 258.	1.6	31
220	Identifying Sagittarius Stream Stars by Their APOGEE Chemical Abundance Signatures. Astrophysical Journal, 2019, 872, 58.	1.6	37
221	What Is Inside Matters: Simulated Green Valley Galaxies Have too Centrally Concentrated Star Formation. Astrophysical Journal Letters, 2019, 874, L17.	3.0	13
222	The Apache Point Observatory Galactic Evolution Experiment (APOGEE) Spectrographs. Publications of the Astronomical Society of the Pacific, 2019, 131, 055001.	1.0	180
223	Massive Stars in the SDSS-IV/APOGEE-2 Survey. II. OB-stars in the W345 Complexes. Astrophysical Journal, 2019, 873, 66.	1.6	5
224	SDSS-IV MaNGA: Inside-out versus Outside-in Quenching of Galaxies in Different Local Environments. Astrophysical Journal, 2019, 872, 50.	1.6	40
225	SDSS-IV MaNGA: Environmental Dependence of the $M_{gb} / \langle \epsilon \rangle$ Relation for Nearby Galaxies. Astrophysical Journal, 2019, 873, 63.	1.6	11
226	Chemical Cartography with APOGEE: Multi-element Abundance Ratios. Astrophysical Journal, 2019, 874, 102.	1.6	85
227	Active Asteroid P/2017 S5 (ATLAS). Astronomical Journal, 2019, 157, 54.	1.9	7
228	J-PLUS: Analysis of the intracluster light in the Coma cluster. Astronomy and Astrophysics, 2019, 622, A183.	2.1	31
229	The extended Baryon Oscillation Spectroscopic Survey: testing a new approach to measure the evolution of the structure growth. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4100-4112.	1.6	6
230	LoTSS/HETDEX: Optical quasars. Astronomy and Astrophysics, 2019, 622, A11.	2.1	42
231	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code. Astronomy and Astrophysics, 2019, 622, A191.	2.1	63
232	The Extended Baryon Oscillation Spectroscopic Survey: Measuring the Cross-correlation between the Mg ii Flux Transmission Field and Quasars and Galaxies at $z \sim 0.59$. Astrophysical Journal, 2019, 878, 47.	1.6	19
233	Exploring the star formation histories of galaxies in different environments from MaNGA spectra. Proceedings of the International Astronomical Union, 2019, 15, 60-64.	0.0	0
234	Clustered Hierarchical Entropy-Scaling Search of Astronomical and Biological Data. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
235	Predicting Granulation “Flicker” and Radial Velocity “Jitter” from Spectroscopic Observables. <i>Astrophysical Journal</i> , 2019, 883, 195.	1.6	17
236	The bimodal [Mg/Fe] versus [Fe/H] bulge sequence as revealed by APOGEE DR14. <i>Astronomy and Astrophysics</i> , 2019, 626, A16.	2.1	33
237	Alignment between Filaments and Galaxy Spins from the MaNGA Integral-field Survey. <i>Astrophysical Journal</i> , 2019, 876, 52.	1.6	37
238	Discovery of a nitrogen-enhanced mildly metal-poor binary system: Possible evidence for pollution from an extinct AGB star. <i>Astronomy and Astrophysics</i> , 2019, 631, A97.	2.1	18
239	Clustered Hierarchical Entropy-Scaling Search of Astronomical and Biological Data. , 2019, , .		2
240	Machine learning in APOGEE. <i>Astronomy and Astrophysics</i> , 2019, 629, A34.	2.1	11
241	Stellar mass “halo mass relation for the brightest central galaxies of X-ray clusters since $z \approx 0.65$. <i>Astronomy and Astrophysics</i> , 2019, 631, A175.	2.1	21
242	Catalog of quasars from the Kilo-Degree Survey Data Release 3. <i>Astronomy and Astrophysics</i> , 2019, 624, A13.	2.1	30
243	Baryon acoustic oscillations from the cross-correlation of Ly α absorption and quasars in eBOSS DR14. <i>Astronomy and Astrophysics</i> , 2019, 629, A86.	2.1	176
244	The Data Analysis Pipeline for the SDSS-IV MaNGA IFU Galaxy Survey: Emission-line Modeling. <i>Astronomical Journal</i> , 2019, 158, 160.	1.9	134
245	Baryon acoustic oscillations at $z = 2.34$ from the correlations of Ly α absorption in eBOSS DR14. <i>Astronomy and Astrophysics</i> , 2019, 629, A85.	2.1	176
246	The K2 Galactic Caps Project “ going beyond the Kepler field and ageing the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4465-4480.	1.6	24
247	Signatures of Stellar Accretion in MaNGA Early-type Galaxies. <i>Astrophysical Journal</i> , 2019, 880, 111.	1.6	28
248	Characterizing the radial oxygen abundance distribution in disk galaxies. <i>Astronomy and Astrophysics</i> , 2019, 623, A7.	2.1	16
249	The XMM-Newton serendipitous survey. <i>Astronomy and Astrophysics</i> , 2019, 624, A77.	2.1	22
250	The Mass “Metallicity Relation at $z \approx 0.8$: Redshift Evolution and Parameter Dependency. <i>Astrophysical Journal</i> , 2019, 886, 31.	1.6	19
251	SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Library “First Release. <i>Astrophysical Journal</i> , 2019, 883, 175.	1.6	67
252	KiDS-SQuAD. <i>Astronomy and Astrophysics</i> , 2019, 632, A56.	2.1	29

#	ARTICLE	IF	CITATIONS
253	MUSE library of stellar spectra. <i>Astronomy and Astrophysics</i> , 2019, 629, A100.	2.1	9
254	Initial Characterization of Interstellar Comet 2I/2019 Q4 (Borisov). <i>Astrophysical Journal Letters</i> , 2019, 886, L29.	3.0	80
255	A SCUBA-2 selected Herschel-SPIRE dropout and the nature of this population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5317-5334.	1.6	3
256	The K2-HERMES Survey: age and metallicity of the thick disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5335-5352.	1.6	54
257	The Data Analysis Pipeline for the SDSS-IV MaNGA IFU Galaxy Survey: Overview. <i>Astronomical Journal</i> , 2019, 158, 231.	1.9	209
258	The 3HSP catalogue of extreme and high-synchrotron peaked blazars. <i>Astronomy and Astrophysics</i> , 2019, 632, A77.	2.1	58
259	Machine Learning Applied to Starâ€“Galaxyâ€“QSO Classification and Stellar Effective Temperature Regression. <i>Astronomical Journal</i> , 2019, 157, 9.	1.9	40
260	The PAU survey: starâ€“galaxy classification with multi narrow-band data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 529-539.	1.6	19
261	Radial Velocities in the Outermost Disk toward the Anticenter. <i>Astronomical Journal</i> , 2019, 157, 26.	1.9	9
262	A direct test of density wave theory in a grand-design spiral galaxy. <i>Nature Astronomy</i> , 2019, 3, 178-182.	4.2	26
263	Impact of dark matter sub-haloes on the outer gaseous discs of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 4188-4202.	1.6	6
264	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: a tomographic measurement of cosmic structure growth and expansion rate based on optimal redshift weights. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3497-3513.	1.6	142
265	The origin of accreted stellar halo populations in the Milky Way using APOGEE, <i>Gaia</i> , and the EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3426-3442.	1.6	199
266	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: measuring the evolution of the growth rate using redshift-space distortions between redshift 0.8 and 2.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3878-3887.	1.6	22
267	The distance to the Galactic centre: globular clusters and SEKBO RR Lyrae survey stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 218-225.	1.6	9
268	Fundamental parameters of isolated galaxy triplets in the local universe: statistical study. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2627-2643.	1.6	3
269	SDSS-IV MaNGA â€“ an archaeological view of the cosmic star formation history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1557-1586.	1.6	65
270	Mildly suppressed star formation in central regions of MaNGA Seyfert galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 194-205.	1.6	13

#	ARTICLE	IF	CITATIONS
271	Imprint of a Steep Equation of State in the growth of structure. <i>Astroparticle Physics</i> , 2020, 115, 102388.	1.9	5
272	Identifying stellar streams in <i>Gaia</i> DR2 with data mining techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1370-1384.	1.6	35
273	Data augmentation based morphological classification of galaxies using deep convolutional neural network. <i>Earth Science Informatics</i> , 2020, 13, 601-617.	1.6	14
274	Mapping the Galactic disc with the LAMOST and Gaia red clump sample: II. 3D asymmetrical kinematics of mono-age populations in the disc between $6 \leq R \leq 14$ kpc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2104-2118.	1.6	32
275	Upper boundaries of active galactic nucleus regions in optical diagnostic diagrams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1262-1277.	1.6	12
276	Host galaxy properties of changing-look AGNs revealed in the MaNGA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3985-3994.	1.6	6
277	SDSS-IV MaNGA: the indispensable role of bars in enhancing the central star formation of low- <i>z</i> galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1406-1423.	1.6	21
278	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the BAO and growth rate of structure of the luminous red galaxy sample from the anisotropic correlation function between redshifts 0.6 and 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 736-762.	1.6	154
279	How many components? Quantifying the complexity of the metallicity distribution in the Milky Way bulge with APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1037-1057.	1.6	44
280	PS1-STRM: neural network source classification and photometric redshift catalogue for PS1 \sim DR1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1633-1644.	1.6	32
281	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: BAO and RSD measurements from the anisotropic power spectrum of the quasar sample between redshift 0.8 and 2.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 210-229.	1.6	131
282	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: <i>N</i> -body mock challenge for the quasar sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 269-291.	1.6	41
283	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Large-scale structure catalogues for cosmological analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2354-2371.	1.6	100
284	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the BAO and growth rate of structure of the luminous red galaxy sample from the anisotropic power spectrum between redshifts 0.6 and 1.0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2492-2531.	1.6	137
285	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: GLAM-QPM mock galaxy catalogues for the emission line galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5251-5262.	1.6	16
286	Spectroscopic QUasar Extractor and redshift (<i>z</i>) Estimator squeeze I. Methodology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4931-4940.	1.6	9
287	The age-chemical abundance structure of the Galactic disc II. α -dichotomy and thick disc formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2371-2384.	1.6	39
288	Trans-Planckian censorship, inflation, and excited initial states for perturbations. <i>Physical Review D</i> , 2020, 101, .	1.6	31

#	ARTICLE	IF	CITATIONS
289	Massive Stars in the SDSS-IV-APOGEE Survey: Wolf-Rayet Stars of the WN Type. <i>Astrophysical Journal</i> , 2020, 891, 107.	1.6	2
290	Metallicity and α -Element Abundance Gradients along the Sagittarius Stream as Seen by APOGEE. <i>Astrophysical Journal</i> , 2020, 889, 63.	1.6	51
291	XMM-Newton observations of eleven intermediate polars and possible candidates. <i>Astronomy and Astrophysics</i> , 2020, 639, A17.	2.1	12
292	The contribution of N-rich stars to the Galactic stellar halo using APOGEE red giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 5462-5478.	1.6	25
293	LESSER: a catalogue of spectroscopically selected sample of Lyman- α emitters lensed by galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3610-3619.	1.6	11
294	A new estimator of resolved molecular gas in nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1261-1278.	1.6	15
295	Measuring angular N-point correlations of binary black hole merger gravitational-wave events with hierarchical Bayesian inference. <i>Physical Review D</i> , 2020, 102, .	1.6	15
296	Computational tools for the spectroscopic analysis of white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2688-2698.	1.6	13
297	SDSS IV MaNGA: Metallicity and ionisation parameter in local star-forming galaxies from Bayesian fitting to photoionisation models. <i>Astronomy and Astrophysics</i> , 2020, 636, A42.	2.1	53
298	Decoupling the rotation of stars and gas II. The link between black hole activity and simulated IFU kinematics in IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4542-4547.	1.6	17
299	Strong chemical tagging with APOGEE: 21 candidate star clusters that have dissolved across the Milky Way disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 5101-5115.	1.6	25
300	Stellar population models based on the SDSS-IV MaStar library of stellar spectra I. Intermediate-age/old models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2962-2997.	1.6	43
301	An optimized Ly α forest inversion tool based on a quantitative comparison of existing reconstruction methods. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4937-4955.	1.6	3
302	The GALAH survey: multiple stars and our Galaxy. <i>Astronomy and Astrophysics</i> , 2020, 638, A145.	2.1	34
303	The local Universe in the era of large surveys I. Spectral classification of S0 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4135-4157.	1.6	12
304	SDSS-IV MaNGA: spatially resolved star formation in barred galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4158-4169.	1.6	26
305	Detection of young (~ 20 Myr) stellar populations in apparently quenched low-mass galaxies using red spectral line indices. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1002-1012.	1.6	6
306	Forward modelling the multiwavelength properties of active galactic nuclei: application to X-ray and WISE mid-infrared samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 710-729.	1.6	5

#	ARTICLE	IF	CITATIONS
307	The close binary fraction as a function of stellar parameters in APOGEE: a strong anticorrelation with α abundances. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1607-1626.	1.6	34
308	SDSS-IV MaNGA: The link between bars and the early cessation of star formation in spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1116-1125.	1.6	20
309	Recovering β and V_{if} from seeing-dominated IFS data. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2018-2038.	1.6	27
310	Multitracer extension of the halo model: probing quenching and conformity in eBOSS. Monthly Notices of the Royal Astronomical Society, 2020, 497, 581-595.	1.6	35
311	A cautionary tale of attenuation in star-forming regions. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4751-4770.	1.6	6
312	SPIDERS: overview of the X-ray galaxy cluster follow-up and the final spectroscopic data release. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3976-3992.	1.6	16
313	Active galactic nucleus and dwarf galaxy gas kinematics. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4562-4576.	1.6	8
314	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: exploring the halo occupation distribution model for emission line galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5486-5507.	1.6	45
315	The clustering of the SDSS-IV extended baryon oscillation spectroscopic survey DR16 luminous red galaxy and emission-line galaxy samples: cosmic distance and structure growth measurements using multiple tracers in configuration space. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3470-3483.	1.6	29
316	The final SDSS-IV/SPIDERS X-ray point source spectroscopic catalogue. Astronomy and Astrophysics, 2020, 636, A97.	2.1	27
317	The completed SDSS-IV extended baryon oscillation spectroscopic survey: pairwise-inverse probability and angular correction for fibre collisions in clustering measurements. Monthly Notices of the Royal Astronomical Society, 2020, 498, 128-143.	1.6	28
318	SDSS-IV MaNGA: Bayesian analysis of the star formation history of low-mass galaxies in the local Universe. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4753-4772.	1.6	11
319	Quasar Detection using Linear Support Vector Machine with Learning From Mistakes Methodology. , 2020, , .		1
320	The impact of AGN feedback on the 1D power spectra from the Ly α forest using the Horizon-AGN suite of simulations. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1825-1840.	1.6	28
321	The redshift and the host galaxy of the neutrino candidate 4FGLJ0955.1+3551 (3HSPJ095507.9+355101). Monthly Notices of the Royal Astronomical Society: Letters, 2020, 495, L108-L111.	1.2	10
322	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: BAO and RSD measurements from anisotropic clustering analysis of the quasar sample in configuration space between redshift 0.8 and 2.2. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1201-1221.	1.6	141
323	Dark Energy Survey identification of a low-mass active galactic nucleus at redshift 0.823 from optical variability. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3636-3647.	1.6	6
324	The Milky Way's bulge star formation history as constrained from its bimodal chemical abundance distribution. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3557-3570.	1.6	18

#	ARTICLE	IF	CITATIONS
325	Less than the sum of its parts: the dust-corrected $H\alpha$ luminosity of star-forming galaxies explored at different spatial resolutions with MaNGA and MUSE. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4205-4221.	1.6	9
326	Are the Milky Way and Andromeda unusual? A comparison with Milky Way and Andromeda analogues. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4943-4954.	1.6	14
327	Removing imaging systematics from galaxy clustering measurements with <i>Obiwan</i> : application to the SDSS-IV extended Baryon Oscillation Spectroscopic Survey emission-line galaxy sample. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3943-3960.	1.6	12
328	A single galaxy population? Statistical evidence that the star-forming main sequence might be the tip of the iceberg. Monthly Notices of the Royal Astronomical Society, 2020, 499, 573-586.	1.6	11
329	The first shear measurements from precision weak lensing. Monthly Notices of the Royal Astronomical Society, 2020, 499, 4591-4604.	1.6	6
330	Local AGN survey (LASr): I. Galaxy sample, infrared colour selection, and predictions for AGN within 100 Mpc. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1784-1816.	1.6	11
331	Mass calibration of the CODEX cluster sample using SPIDERS spectroscopy – II. The X-ray luminosity–mass relation. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2736-2746.	1.6	9
332	A method for unmasking incomplete astronomical signals: Application to the CO Multi-line Imaging of Nearby Galaxies project. Publication of the Astronomical Society of Japan, 2020, 72, .	1.0	4
333	Using Unreal Engine to Visualize a Cosmological Volume. Universe, 2020, 6, 168.	0.9	6
334	IVOA HiPS implementation in the framework of WorldWide Telescope. Astronomy and Computing, 2020, 31, 100380.	0.8	2
335	Electromagnetic counterparts to gravitational wave events from <i>Gaia</i> . Monthly Notices of the Royal Astronomical Society, 2020, 493, 3264-3273.	1.6	4
336	Close Binary Companions to APOGEE DR16 Stars: 20,000 Binary-star Systems Across the Color–Magnitude Diagram. Astrophysical Journal, 2020, 895, 2.	1.6	74
337	Reionization history constraints from neural network based predictions of high-redshift quasar continua. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4256-4275.	1.6	29
338	The Host Galaxies and Progenitors of Fast Radio Bursts Localized with the Australian Square Kilometre Array Pathfinder. Astrophysical Journal Letters, 2020, 895, L37.	3.0	113
339	Galaxy Cluster Mass Estimates in the Presence of Substructure. Astrophysical Journal, 2020, 888, 106.	1.6	4
340	Spectral Classification of B Stars: The Empirical Sequence Using SDSS-IV/APOGEE Near-IR Data. Astrophysical Journal, 2020, 894, 5.	1.6	9
341	Detailed Abundances in the Galactic Center: Evidence of a Metal-rich Alpha-enhanced Stellar Population. Astrophysical Journal, 2020, 894, 26.	1.6	27
342	Finding Strong Gravitational Lenses in the DESI DECam Legacy Survey. Astrophysical Journal, 2020, 894, 78.	1.6	51

#	ARTICLE	IF	CITATIONS
343	The stellar mass Fundamental Plane: the virial relation and a very thin plane for slow rotators. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5148-5160.	1.6	14
344	APOGEE Net: Improving the Derived Spectral Parameters for Young Stars through Deep Learning. Astronomical Journal, 2020, 159, 182.	1.9	31
345	The Lazy Giants: APOGEE Abundances Reveal Low Star Formation Efficiencies in the Magellanic Clouds. Astrophysical Journal, 2020, 895, 88.	1.6	77
346	Spectral Signatures of Quasar Ages at $z \sim 3$. Astrophysical Journal, 2020, 892, 139.	1.6	0
347	SDSS-IV MaNGA: Kinematic Asymmetry as an Indicator of Galaxy Interaction in Paired Galaxies. Astrophysical Journal Letters, 2020, 892, L20.	3.0	19
348	Covariance-regularized Reconstruction of Data Cubes in Integral Field Spectroscopy and Application to MaNGA Data. Astronomical Journal, 2020, 159, 22.	1.9	4
349	Wolf-Rayet Galaxies in SDSS-IV MaNGA. I. Catalog Construction and Sample Properties. Astrophysical Journal, 2020, 896, 121.	1.6	13
350	Constraints on the growth of structure around cosmic voids in eBOSS DR14. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 012-012.	1.9	29
351	SDSS-IV MaNGA: spatially resolved dust attenuation in spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2305-2320.	1.6	18
352	Hypercompact stellar clusters: morphological renditions and spectrophotometric models. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1771-1787.	1.6	2
353	The SDSS/APOGEE catalogue of HgMn stars. Monthly Notices of the Royal Astronomical Society, 2020, 496, 832-850.	1.6	13
354	<i>SDSS-IV MaNGA</i>: Excavating the fossil record of stellar populations in spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3387-3402.	1.6	19
355	Galaxy properties as revealed by MaNGA III. Kinematic profiles and stellar population gradients in S0s. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2894-2908.	1.6	23
356	The nearby spiral density-wave structure of the Galaxy: line-of-sight velocities of the Gaia DR2 main-sequence A, F, G, and K stars. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2111-2126.	1.6	11
357	Weak lensing analysis of codex clusters using dark energy camera legacy survey: mass-richness relation. Monthly Notices of the Royal Astronomical Society, 2020, 491, 1643-1655.	1.6	13
358	The <i>Gaia</i> DR2 parallax zero-point: hierarchical modelling of red clump stars. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4367-4381.	1.6	43
359	An Information Theory Approach on Deciding Spectroscopic Follow-ups. Astronomical Journal, 2020, 159, 16.	1.9	4
360	Stellar Characterization of M Dwarfs from the APOGEE Survey: A Calibrator Sample for M-dwarf Metallicities. Astrophysical Journal, 2020, 890, 133.	1.6	26

#	ARTICLE	IF	CITATIONS
361	On the Chemical and Kinematic Consistency between N-rich Metal-poor Field Stars and Enriched Populations in Globular Clusters. <i>Astrophysical Journal</i> , 2020, 891, 28.	1.6	14
362	Three Ly α Emitting Galaxies within a Quasar Proximity Zone at $z \approx 5.8$. <i>Astrophysical Journal</i> , 2020, 896, 49.	1.6	34
363	The Open Cluster Chemical Abundances and Mapping Survey. IV. Abundances for 128 Open Clusters Using SDSS/APOGEE DR16. <i>Astronomical Journal</i> , 2020, 159, 199.	1.9	86
364	Lens modelling of the strongly lensed Type Ia supernova iPTF16geu. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3270-3280.	1.6	15
365	The age-chemical abundance structure of the Galaxy I: evidence for a late-accretion event in the outer disc at $z \approx 0.6$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2561-2575.	1.6	30
366	The Stellar Velocity Distribution Function in the Milky Way Galaxy. <i>Astronomical Journal</i> , 2020, 160, 43.	1.9	18
367	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	3.0	826
368	Decoupling the rotation of stars and gas I. The relationship with morphology and halo spin. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1869-1886.	1.6	26
369	Age dating the Galactic bar with the nuclear stellar disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4500-4511.	1.6	26
370	corrfunc – a suite of blazing fast correlation functions on the CPU. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 3022-3041.	1.6	100
371	The chemical compositions of accreted and <i>in situ</i> galactic globular clusters according to SDSS/APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3363-3378.	1.6	55
372	Short gamma-ray bursts within 200 Mpc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5011-5022.	1.6	29
373	Strong Lens Models for 37 Clusters of Galaxies from the SDSS Giant Arcs Survey*. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 12.	3.0	45
374	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 LRG sample: structure growth rate measurement from the anisotropic LRG correlation function in the redshift range $0.6 < z < 1.0$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4189-4215.	1.6	33
375	Ionized gas outflow signatures in SDSS-IV MaNGA active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4680-4696.	1.6	44
376	The global environment of small galaxy systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1818-1826.	1.6	8
377	Milky Way analogues in MaNGA: multiparameter homogeneity and comparison to the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 3672-3701.	1.6	20
378	Spectral library of age-benchmark low-mass stars and brown dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5925-5950.	1.6	8

#	ARTICLE	IF	CITATIONS
379	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code – II. The Southern clusters and overview. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1641-1670.	1.6	103
380	A Variant Stellar-to-nebular Dust Attenuation Ratio on Subgalactic and Galactic Scales. Astrophysical Journal, 2020, 888, 88.	1.6	6
381	Automated Classification of Massive Spectra Based on Enhanced Multi-Scale Coded Convolutional Neural Network. Universe, 2020, 6, 60.	0.9	4
382	Exploring the diversity of Type 1 active galactic nuclei identified in SDSS-IV/SPIDERS. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3580-3601.	1.6	21
383	Weighing the stellar constituents of the galactic halo with APOGEE red giant stars. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3631-3646.	1.6	67
384	Rare Object Search From Low-S/N Stellar Spectra in SDSS. IEEE Access, 2020, 8, 66475-66488.	2.6	3
385	The Intrinsic Scatter of the Broad Lines – Narrow Line Correlation in Type I AGN. Astronomical Journal, 2020, 159, 159.	1.9	0
386	Rest-frame UV properties of luminous strong gravitationally lensed Ly α emitters from the BELLS GALLERY Survey. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1257-1278.	1.6	11
387	From hydrogen to helium: the spectral evolution of white dwarfs as evidence for convective mixing. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3540-3552.	1.6	27
388	Active galactic nuclei winds as the origin of the H $_2$ emission excess in nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 491, 1518-1529.	1.6	12
389	Searching for solar siblings in APOGEE and Gaia DR2 with N-body simulations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2268-2279.	1.6	10
390	The vertical Na – O relation in the bulge globular cluster NGC 6553. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3742-3752.	1.6	14
391	An observed correlation between galaxy spins and initial conditions. Nature Astronomy, 2021, 5, 283-288.	4.2	26
392	PSR B0656+14: the unified outlook from the infrared to X-rays. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2005-2022.	1.6	5
393	Stellar migration and chemical enrichment in the milky way disc: a hybrid model. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4484-4511.	1.6	35
394	The effect of emission lines on the performance of photometric redshift estimation algorithms. Monthly Notices of the Royal Astronomical Society, 2021, 502, 5762-5778.	1.6	3
395	The origin of low-surface-brightness galaxies in the dwarf regime. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4262-4276.	1.6	29
396	SDSS-IV MaNGA: the physical origin of off-galaxy H α blobs in the local Universe. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3943-3966.	1.6	1

#	ARTICLE	IF	CITATIONS
397	SDSS-IV MaNGA: the “G-dwarf problem” revisited. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 502, L95-L98.	1.2	10
398	SDSS-IV MaNGA: Modeling the Spectral Line-spread Function to Subpercent Accuracy. <i>Astronomical Journal</i> , 2021, 161, 52.	1.9	51
399	The galaxy–halo connection of emission-line galaxies in IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3599-3617.	1.6	33
400	An Intermediate-age Alpha-rich Galactic Population in K2. <i>Astronomical Journal</i> , 2021, 161, 100.	1.9	8
401	Overdensity of VV galaxies behind the Galactic bulge. <i>Astronomy and Astrophysics</i> , 2021, 646, A146.	2.1	7
402	Cosmological constraints on the magnification bias on sub-millimetre galaxies after large-scale bias corrections. <i>Astronomy and Astrophysics</i> , 2021, 646, A152.	2.1	9
403	The Fundamental Plane of Massive Quiescent Galaxies at $z \sim 1/4$. <i>Astrophysical Journal</i> , 2021, 908, 135.	1.6	3
404	Measuring Turbulence with Young Stars in the Orion Complex. <i>Astrophysical Journal Letters</i> , 2021, 907, L40.	3.0	24
405	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: a catalogue of strong galaxy–galaxy lens candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4617-4640.	1.6	18
406	Evidence for the Accretion of Gas in Star-forming Galaxies: High N/O Abundances in Regions of Anomalously Low Metallicity. <i>Astrophysical Journal</i> , 2021, 908, 183.	1.6	12
407	Reconstructing the Universe: Testing the Mutual Consistency of the Pantheon and SDSS/eBOSS BAO Data Sets with Gaussian Processes. <i>Astronomical Journal</i> , 2021, 161, 151.	1.9	24
408	SDSS-IV/MaNGA: Can Impulsive Gaseous Inflows Explain Steep Oxygen Abundance Profiles and Anomalously Low-Metallicity Regions?. <i>Astrophysical Journal</i> , 2021, 908, 165.	1.6	2
409	Analysis of Previously Classified White Dwarf–Main-sequence Binaries Using Data from the APOGEE Survey. <i>Astronomical Journal</i> , 2021, 161, 143.	1.9	2
410	VV CL001: Likely the Most Metal-poor Surviving Globular Cluster in the Inner Galaxy. <i>Astrophysical Journal Letters</i> , 2021, 908, L42.	3.0	25
411	An enquiry on the origins of N-rich stars in the inner Galaxy based on APOGEE chemical compositions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1657-1667.	1.6	9
412	OGLE-ing the Magellanic System: Optical Reddening Maps of the Large and Small Magellanic Clouds from Red Clump Stars. <i>Astrophysical Journal, Supplement Series</i> , 2021, 252, 23.	3.0	66
413	Size, shade, or shape? The contribution of galaxies of different types to the star formation history of the Universe from SDSS-IV MaNGA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3128-3143.	1.6	5
414	Anomaly detection in the Zwicky Transient Facility DR3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5147-5175.	1.6	27

#	ARTICLE	IF	CITATIONS
415	SDSS-IV MaNGA: radial gradients in stellar population properties of early-type and late-type galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 502, 5508-5527.	1.6	23
416	Gravitational redshifting of galaxies in the SPIDERS cluster catalogue. Monthly Notices of the Royal Astronomical Society, 2021, 503, 669-678.	1.6	8
417	Extended fast action minimization method: application to SDSS-DR12 combined sample. Monthly Notices of the Royal Astronomical Society, 2021, 503, 540-556.	1.6	2
418	The likelihood of undiscovered globular clusters in the outskirts of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4547-4557.	1.6	5
419	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: 1000 multi-tracer mock catalogues with redshift evolution and systematics for galaxies and quasars of the final data release. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1149-1173.	1.6	58
420	Understanding the Velocity Distribution of the Galactic Bulge with APOGEE and Gaia. Astrophysical Journal, 2021, 908, 21.	1.6	5
421	Statistics of the Chemical Composition of Solar Analog Stars and Links to Planet Formation. Astrophysical Journal, 2021, 907, 116.	1.6	6
422	H–MaNGA: tracing the physics of the neutral and ionized ISM with the second data release. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1345-1366.	1.6	34
423	Probing 3D and NLTE models using APOGEE observations of globular cluster stars. Astronomy and Astrophysics, 2021, 647, A24.	2.1	5
424	Development of accurate classification of heavenly bodies using novel machine learning techniques. Soft Computing, 2021, 25, 7213-7228.	2.1	2
425	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: a multitracer analysis in Fourier space for measuring the cosmic structure growth and expansion rate. Monthly Notices of the Royal Astronomical Society, 2021, 504, 33-52.	1.6	20
426	Deciphering the Kinematic Structure of the Small Magellanic Cloud through Its Red Giant Population. Astrophysical Journal, 2021, 910, 36.	1.6	13
427	Towards a volumetric census of close white dwarf binaries I. Reference samples. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2420-2442.	1.6	22
428	Quasars at intermediate redshift are not special; but they are often satellites. Monthly Notices of the Royal Astronomical Society, 2021, 504, 857-870.	1.6	4
429	A group finder algorithm optimised for the study of local galaxy environments. Astronomy and Astrophysics, 2023, 675, A161.	2.1	0
430	Subaru Hyper Suprime-Cam excavates colossal over- and underdense structures over 360° out to $z < 1$. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3896-3912.	1.6	8
431	Incidence, scaling relations and physical conditions of ionized gas outflows in MaNGA. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5134-5160.	1.6	25
432	Characterizing the abundance, properties, and kinematics of the cool circumgalactic medium of galaxies in absorption with SDSS DR16. Monthly Notices of the Royal Astronomical Society, 2021, 504, 65-88.	1.6	17

#	ARTICLE	IF	CITATIONS
433	Searching for Low-mass Population III Stars Disguised as White Dwarfs. <i>Astronomical Journal</i> , 2021, 161, 197.	1.9	1
434	A SAMI and MaNGA view on the stellar kinematics of galaxies on the star-forming main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 4992-5005.	1.6	20
435	Spatially resolved properties of galaxies with a kinematically distinct core. <i>Astronomy and Astrophysics</i> , 2021, 647, A181.	2.1	1
436	The Similarity of Abundance Ratio Trends and Nucleosynthetic Patterns in the Milky Way Disk and Bulge. <i>Astrophysical Journal</i> , 2021, 909, 77.	1.6	36
437	The APOGEE Library of Infrared SSP Templates (A-LIST): High-resolution Simple Stellar Population Spectral Models in the H Band. <i>Astronomical Journal</i> , 2021, 161, 167.	1.9	7
438	Z-Sequence: photometric redshift predictions for galaxy clusters with sequential random k-nearest neighbours. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 6078-6097.	1.6	2
439	Buckling Bars in Nearly Face-on Galaxies Observed with MaNGA. <i>Astrophysical Journal</i> , 2021, 909, 125.	1.6	7
440	SDSS-IV MaNGA: A Star Formation–Baryonic Mass Relation at Kiloparsec Scales. <i>Astrophysical Journal</i> , 2021, 909, 131.	1.6	17
441	Outflows, Shocks, and Coronal Line Emission in a Radio-selected AGN in a Dwarf Galaxy. <i>Astrophysical Journal</i> , 2021, 910, 5.	1.6	18
442	APOGEE discovery of a chemically atypical star disrupted from NGC 6723 and captured by the Milky Way bulge. <i>Astronomy and Astrophysics</i> , 2021, 647, A64.	2.1	20
443	Orbital Torus Imaging: Using Element Abundances to Map Orbits and Mass in the Milky Way. <i>Astrophysical Journal</i> , 2021, 910, 17.	1.6	13
444	GLEAM: Galaxy Line Emission & Absorption Modeling. <i>Astronomical Journal</i> , 2021, 161, 158.	1.9	2
445	Orbital and Stellar Parameters for 2M06464003+0109157: A Double-lined Eclipsing Binary of Spotted, Sub-solar Twins. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 044201.	1.0	3
446	On the Color–Metallicity Relation of the Red Clump and the Reddening toward the Magellanic Clouds. <i>Astrophysical Journal</i> , 2021, 910, 121.	1.6	8
447	Machine learning technique for morphological classification of galaxies from the SDSS. <i>Astronomy and Astrophysics</i> , 2021, 648, A122.	2.1	22
448	Probing oscillons of ultra-light axion-like particle by 21 cm forest. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 019.	1.9	2
449	SMILES: a library of semi-empirical MILES stellar spectra with variable $[<i>\alpha</i>/Fe]$ abundances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2286-2311.	1.6	12
450	The rotation of selected globular clusters and the differential rotation of M3 in multiple populations from the SDSS-IV APOGEE-2 survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1144-1151.	1.6	6

#	ARTICLE	IF	CITATIONS
451	SDSS-IV MaNGA: enhanced star formation in galactic-scale outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 191-199.	1.6	3
452	Optical spectroscopy of blazars for the Cherenkov Telescope Array. <i>Astronomy and Astrophysics</i> , 2021, 650, A106.	2.1	16
453	SPIDERS: an overview of the largest catalogue of spectroscopically confirmed x-ray galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5763-5777.	1.6	18
454	Introducing piXedfit: A Spectral Energy Distribution Fitting Code Designed for Resolved Sources. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 15.	3.0	21
455	Educational Design Framework for a Web-Based Interface to Visualise Authentic Cosmological "Big Data" in High School. <i>Journal of Science Education and Technology</i> , 2021, 30, 732-750.	2.4	6
456	SDSS-IV MaNGA: 3D spin alignment of spiral and S0 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4626-4633.	1.6	22
457	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: N-body mock challenge for the eBOSS emission line galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4667-4686.	1.6	22
458	APOGEE view of the globular cluster NGC 6544. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3494-3508.	1.6	7
459	Asymmetry Revisited: The Effect of Dust Attenuation and Galaxy Inclination. <i>Astrophysical Journal</i> , 2021, 911, 145.	1.6	5
460	Gauging the effect of supermassive black holes feedback on quasar host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3890-3908.	1.6	13
461	Spectroscopic and seismic analysis of red giants in eclipsing binaries discovered by <i>Kepler</i> . <i>Astronomy and Astrophysics</i> , 2021, 648, A113.	2.1	22
462	APOGEE spectroscopic evidence for chemical anomalies in dwarf galaxies: The case of M 54 and Sagittarius. <i>Astronomy and Astrophysics</i> , 2021, 648, A70.	2.1	22
463	Refining the E + A Galaxy: A Spatially Resolved Spectrophotometric Sample of Nearby Post-starburst Systems in SDSS-IV MaNGA (MPL-5). <i>Astrophysical Journal</i> , 2021, 910, 162.	1.6	5
464	SDSS-IV MaNGA: Characterizing E+A Galaxy Candidates in the Coma Cluster. <i>Research Notes of the AAS</i> , 2021, 5, 99.	0.3	0
465	An analytical model to kinematically identify thin discs in MaNGA galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2658-2669.	1.6	2
466	Classification of 4XMM-DR9 sources by machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 5263-5273.	1.6	10
467	AGNs in small galaxy systems: comparing the main properties of active objects in pairs, triplets, and groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4389-4399.	1.6	6
468	Validation of the Gaia Early Data Release 3 Parallax Zero-point Model with Asteroseismology. <i>Astronomical Journal</i> , 2021, 161, 214.	1.9	51

#	ARTICLE	IF	CITATIONS
469	Finding Quasars behind the Galactic Plane. I. Candidate Selections with Transfer Learning. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 6.	3.0	17
470	Estimating Lifetimes of UV-selected Massive Galaxies at $0.5 < z < 2.5$ in the COSMOS/UltraVISTA Field through Clustering Analyses. <i>Astrophysical Journal</i> , 2021, 911, 59.	1.6	4
471	Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Cosmological implications from two decades of spectroscopic surveys at the Apache Point Observatory. <i>Physical Review D</i> , 2021, 103, .	1.6	527
472	Evidence of Wind Signatures in the Gas Velocity Profiles of Red Geysers. <i>Astrophysical Journal</i> , 2021, 913, 33.	1.6	11
473	Chemodynamically Characterizing the Jhelum Stellar Stream with APOGEE-2. <i>Astrophysical Journal</i> , 2021, 913, 39.	1.6	3
474	Photometric cross-calibration of the SDSS Stripe 82 Standard Stars catalogue with Gaia EDR3, and comparison with Pan-STARRS1, DES, CFIS, and <i>GALEX</i> catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5941-5956.	1.6	17
475	The Fundamental Plane in the LEGA-C Survey: Unraveling the M/L Ratio Variations of Massive Star-forming and Quiescent Galaxies at $z \sim 0.8$. <i>Astrophysical Journal</i> , 2021, 913, 103.	1.6	19
476	Searching for Local Counterparts of High-redshift Poststarburst Galaxies in Integral Field Unit Spectroscopic Surveys of Nearby Galaxies. <i>Astrophysical Journal</i> , 2021, 913, 44.	1.6	3
477	The APOGEE Data Release 16 Spectral Line List. <i>Astronomical Journal</i> , 2021, 161, 254.	1.9	72
478	Stellar Population Inference with Prospector. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 22.	3.0	259
479	Growth of perturbations using Lambert W equation of state. <i>International Journal of Geometric Methods in Modern Physics</i> , 2021, 18, 2150139.	0.8	1
480	Hierarchically modelling <i>Kepler</i> dwarfs and subgiants to improve inference of stellar properties with asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2427-2446.	1.6	10
481	Clumpy Star Formation and AGN Activity in the Dwarfâ€“Dwarf Galaxy Merger Mrk 709. <i>Astrophysical Journal</i> , 2021, 912, 89.	1.6	12
482	Accurate Identification of Galaxy Mergers with Stellar Kinematics. <i>Astrophysical Journal</i> , 2021, 912, 45.	1.6	16
483	Rosella: a mock catalogue from the P-Millennium simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 325-338.	1.6	8
484	Cosmos visualized: Development of a qualitative framework for analyzing representations in cosmology education. <i>Physical Review Physics Education Research</i> , 2021, 17, .	1.4	5
485	Chemical abundance of the LINER galaxy UGCâ€“4805 with SDSS-IV MaNGA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2087-2102.	1.6	6
486	Jet-Induced Feedback in the [O III] Lines of Early Evolution Stage Active Galactic Nuclei. <i>Universe</i> , 2021, 7, 188.	0.9	7

#	ARTICLE	IF	CITATIONS
487	HELP: the <i>Herschel</i> Extragalactic Legacy Project. Monthly Notices of the Royal Astronomical Society, 2021, 507, 129-155.	1.6	51
488	The G 305 Star-forming Region. II. Irregular Variable Stars. Astrophysical Journal, 2021, 914, 28.	1.6	4
489	Primordial non-Gaussianity from the completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey â€“ I: Catalogue preparation and systematic mitigation. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3439-3454.	1.6	24
490	A study of the central stellar populations of galaxies in SDSS-IV MaNGA: identification of a subsample with unusually young and massive stars. Monthly Notices of the Royal Astronomical Society, 2021, 506, 727-740.	1.6	3
491	Testing the Limits of Precise Subgiant Characterization with APOGEE and Gaia: Opening a Window to Unprecedented Astrophysical Studies. Astrophysical Journal, 2021, 915, 19.	1.6	12
492	Do gas clouds in narrow-line regions of Seyfert galaxies come from their nuclei?. Publication of the Astronomical Society of Japan, 2021, 73, 1152-1165.	1.0	3
493	Spectral Feature Extraction Using Partial and General Method. Advances in Astronomy, 2021, 2021, 1-10.	0.5	1
494	Stellar Metallicities from SkyMapper Photometry. II. Precise Photometric Metallicities of $\sim 1/4$ 280,000 Giant Stars with $[Fe/H] \sim 0.75$ in the Milky Way. Astrophysical Journal, Supplement Series, 2021, 254, 31.	3.0	23
495	SPICY: The Spitzer/IRAC Candidate YSO Catalog for the Inner Galactic Midplane. Astrophysical Journal, Supplement Series, 2021, 254, 33.	3.0	42
496	The eROSITA Final Equatorial-Depth Survey (eFEDS). Astronomy and Astrophysics, 2022, 661, A13.	2.1	14
497	Identification of BASS DR3 sources as stars, galaxies and quasars by XGBoost. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	9
498	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey quasar sample: testing observational systematics on the Baryon Acoustic Oscillation measurement. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2503-2517.	1.6	6
499	Probing the progenitors of Type Ia supernovae using circumstellar material interaction signatures. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4367-4388.	1.6	5
500	A study of outer disc stellar populations of face-on star-forming galaxies in SDSS-IV MaNGA: causes of H α ± deficiency. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4979-4992.	1.6	2
501	Chemical abundances in Seyfert galaxies â€“ VI. Empirical abundance calibration. Monthly Notices of the Royal Astronomical Society, 2021, 507, 466-474.	1.6	12
502	Probing large-scale UV background inhomogeneity associated with quasars using metal absorption. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5750-5763.	1.6	1
503	Obtaining nonlinear galaxy bias constraints from galaxy-lensing phase differences. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5878-5887.	1.6	0
504	Testing the chemical homogeneity of chemically tagged dissolved birth clusters. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5573-5588.	1.6	4

#	ARTICLE	IF	CITATIONS
505	Galaxy zoo: stronger bars facilitate quenching in star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4389-4408.	1.6	24
506	Star Formation Histories of Massive Red Spiral Galaxies in the Local Universe. <i>Astrophysical Journal</i> , 2021, 916, 38.	1.6	16
507	SDSS-IV MaNGA: Refining Strong Line Diagnostic Classifications Using Spatially Resolved Gas Dynamics. <i>Astrophysical Journal</i> , 2021, 915, 35.	1.6	38
508	VEXAS: VISTA EXTension to Auxiliary Surveys. <i>Astronomy and Astrophysics</i> , 2021, 651, A69.	2.1	4
509	In the realm of the Hubble tension—a review of solutions [*] . <i>Classical and Quantum Gravity</i> , 2021, 38, 153001.	1.5	816
510	CAPOS: The bulge Cluster APOgee Survey. <i>Astronomy and Astrophysics</i> , 2021, 652, A158.	2.1	13
511	Multi-scale perturbation theory II: Solutions and leading-order bispectrum in the Λ CDM universe. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 048.	1.9	1
512	Molecular gas budget and characterization of intermediate-mass star-forming galaxies at $z \approx 2-3$. <i>Astronomy and Astrophysics</i> , 2021, 655, A42.	2.1	5
513	Close substellar-mass companions in stellar wide binaries: discovery and characterization with APOGEE and <i>Gaia</i> DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3355-3370.	1.6	1
514	A Metallicity Study of F, G, K, and M Dwarfs in the Coma Berenices Open Cluster from the APOGEE Survey. <i>Astrophysical Journal</i> , 2021, 917, 11.	1.6	12
515	Deep learning applications based on SDSS photometric data: detection and classification of sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2039-2052.	1.6	15
516	APOGEE-2S Discovery of Light- and Heavy-element Abundance Correlations in the Bulge Globular Cluster NGC 6380. <i>Astrophysical Journal Letters</i> , 2021, 918, L9.	3.0	9
517	The Impact of Low-luminosity AGNs on Their Host Galaxies: A Radio and Optical Investigation of the Kiloparsec-scale Outflow in MaNGA 1-166919. <i>Astrophysical Journal</i> , 2021, 916, 102.	1.6	5
518	Estimating Dust Attenuation From Galactic Spectra. II. Stellar and Gas Attenuation in Star-forming and Diffuse Ionized Gas Regions in MaNGA. <i>Astrophysical Journal</i> , 2021, 917, 72.	1.6	9
519	The BINGO project. <i>Astronomy and Astrophysics</i> , 2022, 664, A14.	2.1	25
520	Evidence for Radial Expansion at the Core of the Orion Complex with <i>Gaia</i> EDR3. <i>Astrophysical Journal</i> , 2021, 917, 21.	1.6	18
521	CAPOS: The bulge Cluster APOgee Survey. <i>Astronomy and Astrophysics</i> , 2021, 652, A157.	2.1	16
522	The X-CLASS survey: A catalogue of 1646 X-ray-selected galaxy clusters up to $z \lesssim 1.5$. <i>Astronomy and Astrophysics</i> , 2021, 652, A12.	2.1	16

#	ARTICLE	IF	CITATIONS
523	Arrayed wide-field astronomical camera system for spectroscopic surveys on Extremely Large Telescopes: system architecture, proof-of-concept, and enabling technologies. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2021, 7, .	1.0	3
524	Conversions between gas-phase metallicities in MaNGA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 2468-2487.	1.6	4
525	Symbiotic Stars in the Apache Point Observatory Galactic Evolution Experiment Survey: The Case of LIN 358 and SMC N73 (LIN 445a). <i>Astrophysical Journal</i> , 2021, 918, 19.	1.6	3
526	Galaxy Zoo: 3D “crowdsourced bar, spiral, and foreground star masks for MaNGA target galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3923-3935.	1.6	10
527	Geometry versus growth. <i>Astronomy and Astrophysics</i> , 2021, 655, A11.	2.1	8
528	The eROSITA Final Equatorial-Depth Survey (eFEDS). <i>Astronomy and Astrophysics</i> , 2022, 661, A2.	2.1	54
529	Mitigating baryonic effects with a theoretical error covariance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5592-5601.	1.6	1
530	Properties of galaxies with ring structures. <i>Astronomy and Astrophysics</i> , 2021, 653, A71.	2.1	7
531	Ultra diffuse galaxies in the MATLAS low-to-moderate density fields. <i>Astronomy and Astrophysics</i> , 2021, 654, A105.	2.1	21
532	APOGEE-2 Discovery of a Large Population of Relatively High-metallicity Globular Cluster Debris. <i>Astrophysical Journal Letters</i> , 2021, 918, L37.	3.0	7
533	The dependence of the gradients of oxygen and nitrogen-to-oxygen on stellar age in MaNGA galaxies. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	7
534	Probing Intra-Halo Light with Galaxy Stacking in CIBER Images. <i>Astrophysical Journal</i> , 2021, 919, 69.	1.6	9
535	Multi-frequency characterisation of remnant radio galaxies in the Lockman Hole field. <i>Astronomy and Astrophysics</i> , 2021, 653, A110.	2.1	17
536	The ASAS-SN catalogue of variable stars IX: The spectroscopic properties of Galactic variable stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 200-235.	1.6	34
537	Intelligent Photometric Identification of Extragalactic Objects from AllWISE \times Pan-STARRS DR1 Data. <i>Emergence, Complexity and Computation</i> , 2021, , 137-152.	0.2	0
538	Optical and spectral observations and hydrodynamic modelling of type IIb supernova 2017gpn. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5797-5810.	1.6	2
539	SDSS-V Algorithms: Fast, Collision-free Trajectory Planning for Heavily Overlapping Robotic Fiber Positioners. <i>Astronomical Journal</i> , 2021, 161, 92.	1.9	5
540	Metallicity effect on stellar granulation detected from oscillating red giants in open clusters. <i>Astronomy and Astrophysics</i> , 2017, 605, A3.	2.1	42

#	ARTICLE	IF	CITATIONS
541	The Northern Extragalactic WISE \tilde{A} — Pan-STARRS (NEWS) catalogue. <i>Astronomy and Astrophysics</i> , 2020, 644, A69.	2.1	4
542	CODEX clusters. <i>Astronomy and Astrophysics</i> , 2020, 638, A114.	2.1	36
543	From the bulge to the outer disc: StarHorse stellar parameters, distances, and extinctions for stars in APOGEE DR16 and other spectroscopic surveys. <i>Astronomy and Astrophysics</i> , 2020, 638, A76.	2.1	116
544	SDSS-IV MaNGA: Global and local stellar population properties of elliptical galaxies. <i>Astronomy and Astrophysics</i> , 2020, 644, A117.	2.1	26
545	Active red giants: Close binaries versus single rapid rotators. <i>Astronomy and Astrophysics</i> , 2020, 639, A63.	2.1	24
546	Cool stars in the Galactic center as seen by APOGEE. <i>Astronomy and Astrophysics</i> , 2020, 642, A81.	2.1	15
547	J-PLUS: Unveiling the brightest end of the Ly α luminosity function at 2.0 z ≤ 3.3 over 1000 deg ² . <i>Astronomy and Astrophysics</i> , 2020, 643, A149.	2.1	20
548	Aluminium-enriched metal-poor stars buried in the inner Galaxy. <i>Astronomy and Astrophysics</i> , 2020, 643, L4.	2.1	30
549	The enigmatic globular cluster UKS 1 obscured by the bulge: $H\alpha$ -band discovery of nitrogen-enhanced stars. <i>Astronomy and Astrophysics</i> , 2020, 643, A145.	2.1	22
550	Jurassic: A chemically anomalous structure in the Galactic halo. <i>Astronomy and Astrophysics</i> , 2020, 644, A83.	2.1	21
551	A tomographic map of the large-scale matter distribution using the eBOSS “Stripe 82 Ly α forest. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 010-010.	1.9	25
552	Hints of dark energy anisotropic stress using machine learning. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 042-042.	1.9	28
553	Photometrically estimating the spatially-resolved stellar mass-to-light ratios for low-redshift galaxies. <i>Research in Astronomy and Astrophysics</i> , 2019, 19, 171.	0.7	2
554	Dynamical orbital classification of selected N-rich stars with Gaia Data Release 2 astrometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4113-4123.	1.6	27
555	Evidence from APOGEE for the presence of a major building block of the halo buried in the inner Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1385-1403.	1.6	104
556	Cosmological constraints from CODEX galaxy clusters spectroscopically confirmed by SDSS-IV/SPIDERS DR16. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 4768-4784.	1.6	16
557	The completed SDSS-IV extended baryon oscillation spectroscopic survey: growth rate of structure measurement from anisotropic clustering analysis in configuration space between redshift 0.6 and 1.1 for the emission-line galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5527-5546.	1.6	80
558	Reducing the variance of redshift space distortion measurements from mock galaxy catalogues with different lines of sight. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 259-271.	1.6	9

#	ARTICLE	IF	CITATIONS
559	The chemical properties of the Milky Way's on-bar and off-bar regions: evidence for inhomogeneous star formation history in the bulge. Monthly Notices of the Royal Astronomical Society, 2020, 500, 282-290.	1.6	9
560	Constraining photoionization models with a reprojected optical diagnostic diagram. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5749-5764.	1.6	10
561	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: large-scale structure catalogues and measurement of the isotropic BAO between redshift 0.6 and 1.1 for the Emission Line Galaxy Sample. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3254-3274.	1.6	62
562	A multiwavelength study of the dual nuclei in Mrk 212. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3908-3919.	1.6	7
563	The impact of merging on the origin of kinematically misaligned and counter-rotating galaxies in MaNGA. Monthly Notices of the Royal Astronomical Society, 2020, 501, 14-23.	1.6	15
564	Testing general relativity on cosmological scales at redshift $z \sim 1.5$ with quasar and CMB lensing. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1013-1027.	1.6	16
565	Chemical abundances of Seyfert 2 AGNs – IV. Composite models calculated by photoionization + shocks. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1370-1383.	1.6	14
566	Measuring the evolution of intergalactic gas from $z = 0$ to 5 using the kinematic Sunyaev-Zel'dovich effect. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1798-1814.	1.6	16
567	SDSS-IV MaNGA: galaxy gas-phase metallicity gradients vary across the mass-size plane. Monthly Notices of the Royal Astronomical Society, 2020, 501, 948-953.	1.6	12
568	The hierarchical structure of galactic haloes: classification and characterization with halo-optics. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4420-4437.	1.6	3
569	The Completed SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: N -body Mock Challenge for Galaxy Clustering Measurements. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	19
570	SDSS-IV MaNGA: when is morphology imprinted on galaxies?. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 500, L42-L46.	1.2	7
571	Dark matter with n -body numerical simulations. Revista Mexicana De Fisica E, 2020, 17, 241-254.	0.2	5
572	Rotationally Driven Ultraviolet Emission of Red Giant Stars. Astronomical Journal, 2020, 160, 12.	1.9	19
573	PTFO 8-8695: Two Stars, Two Signals, No Planet. Astronomical Journal, 2020, 160, 86.	1.9	7
574	APOGEE Data and Spectral Analysis from SDSS Data Release 16: Seven Years of Observations Including First Results from APOGEE-South. Astronomical Journal, 2020, 160, 120.	1.9	266
575	SDSS-IV MaNGA: Spatial Evolution of Star Formation Triggered by Galaxy Interactions. Astrophysical Journal, 2019, 881, 119.	1.6	36
576	SDSS IV MaNGA: Star-formation-driven Biconical Outflows in the Local Universe. Astrophysical Journal, 2019, 882, 145.	1.6	8

#	ARTICLE	IF	CITATIONS
577	Keck/OSIRIS IFU Detection of a $z \sim 1/4$ Damped Ly α Host Galaxy. <i>Astrophysical Journal</i> , 2019, 883, 17.	1.6	4
578	Variations in α -element Ratios Trace the Chemical Evolution of the Disk. <i>Astrophysical Journal</i> , 2019, 883, 34.	1.6	16
579	Abundance Ratios in GALAH DR2 and Their Implications for Nucleosynthesis. <i>Astrophysical Journal</i> , 2019, 886, 84.	1.6	29
580	The Sloan Digital Sky Survey Reverberation Mapping Project: Initial CIV Lag Results from Four Years of Data. <i>Astrophysical Journal</i> , 2019, 887, 38.	1.6	67
581	Core-Envelope Coupling in Intermediate-mass Core-helium Burning Stars. <i>Astrophysical Journal</i> , 2019, 887, 203.	1.6	19
582	Temperatures and Metallicities of M Dwarfs in the APOGEE Survey. <i>Astrophysical Journal</i> , 2020, 892, 31.	1.6	33
583	Measurements of Effective Optical Depth in the Ly α Forest from the BOSS DR12 Quasar Sample. <i>Astrophysical Journal</i> , 2020, 892, 70.	1.6	6
584	Spectroscopic Constraints on the Buildup of Intracluster Light in the Coma Cluster. <i>Astrophysical Journal</i> , 2020, 894, 32.	1.6	12
585	The Most Predictive Physical Properties for the Stellar Population Radial Profiles of Nearby Galaxies. <i>Astrophysical Journal</i> , 2020, 895, 146.	1.6	7
586	Estimating Dust Attenuation from Galactic Spectra. I. Methodology and Tests. <i>Astrophysical Journal</i> , 2020, 896, 38.	1.6	14
587	Stellar Population Synthesis with Distinct Kinematics: Multiage Asymmetric Drift in SDSS-IV MaNGA Galaxies. <i>Astrophysical Journal</i> , 2020, 901, 101.	1.6	10
588	Stellar Parameters for the First Release of the MaStar Library: An Empirical Approach. <i>Astrophysical Journal</i> , 2020, 899, 62.	1.6	6
589	The Effect of Bars on the Ionized ISM: Optical Emission Lines from Milky Way Analogs. <i>Astrophysical Journal</i> , 2020, 898, 116.	1.6	11
590	The Age Distribution of Stars in the Milky Way Bulge. <i>Astrophysical Journal</i> , 2020, 900, 4.	1.6	13
591	A Gravitational Redshift Measurement of the White Dwarf Mass-Radius Relation. <i>Astrophysical Journal</i> , 2020, 899, 146.	1.6	21
592	A Universal Fundamental Plane and the $M_{\text{dyn}} \sim M_{\text{star}}^{\alpha}$ Relation for Galaxies with CALIFA and MaNGA. <i>Astrophysical Journal</i> , 2020, 900, 109.	1.6	21
593	The Sloan Digital Sky Survey Reverberation Mapping Project: Mg II Lag Results from Four Years of Monitoring. <i>Astrophysical Journal</i> , 2020, 901, 55.	1.6	54
594	Tracing the Assembly of the Milky Way's Disk through Abundance Clustering. <i>Astrophysical Journal</i> , 2020, 900, 165.	1.6	15

#	ARTICLE	IF	CITATIONS
595	Exploring the Stellar Age Distribution of the Milky Way Bulge Using APOGEE. <i>Astrophysical Journal</i> , 2020, 901, 109.	1.6	28
596	On the Spectral Evolution of Hot White Dwarf Stars. I. A Detailed Model Atmosphere Analysis of Hot White Dwarfs from SDSS DR12. <i>Astrophysical Journal</i> , 2020, 901, 93.	1.6	155
597	The Completed SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations with Ly α Forests. <i>Astrophysical Journal</i> , 2020, 901, 153.	1.6	174
598	A Catalog of 406 AGNs in MaNGA: A Connection between Radio-mode AGNs and Star Formation Quenching. <i>Astrophysical Journal</i> , 2020, 901, 159.	1.6	30
599	The Sloan Digital Sky Survey Reverberation Mapping Project: How Broad Emission Line Widths Change When Luminosity Changes. <i>Astrophysical Journal</i> , 2020, 903, 51.	1.6	24
600	Elemental Abundances in M31: Properties of the Inner Stellar Halo*. <i>Astrophysical Journal</i> , 2020, 902, 51.	1.6	10
601	The Milky Way's Shell Structure Reveals the Time of a Radial Collision. <i>Astrophysical Journal</i> , 2020, 902, 119.	1.6	27
602	Open Cluster Chemical Homogeneity throughout the Milky Way. <i>Astrophysical Journal</i> , 2020, 903, 55.	1.6	15
603	ALMaQUEST. IV. The ALMA-MaNGA QUEnching and STar Formation (ALMaQUEST) Survey. <i>Astrophysical Journal</i> , 2020, 903, 145.	1.6	37
604	Exploring the Galactic Warp through Asymmetries in the Kinematics of the Galactic Disk. <i>Astrophysical Journal</i> , 2020, 905, 49.	1.6	30
605	The Sejong Suite: Cosmological Hydrodynamical Simulations with Massive Neutrinos, Dark Radiation, and Warm Dark Matter. <i>Astrophysical Journal</i> , Supplement Series, 2020, 249, 19.	3.0	10
606	The Sloan Digital Sky Survey Reverberation Mapping Project: the XMM-Newton X-Ray Source Catalog and Multiband Counterparts. <i>Astrophysical Journal</i> , Supplement Series, 2020, 250, 32.	3.0	15
607	Swift/UVOT+MaNGA (SwiM) Value-added Catalog. <i>Astrophysical Journal</i> , Supplement Series, 2020, 251, 11.	3.0	5
608	SDSS-IV MaNGA: Variations in the N/O vs O/H Relation Bias Metallicity Gradient Measurements. <i>Astrophysical Journal Letters</i> , 2020, 890, L3.	3.0	24
609	Geometry of the Draco C1 Symbiotic Binary. <i>Astrophysical Journal Letters</i> , 2020, 900, L43.	3.0	7
610	Discovery of a Large Population of Nitrogen-enhanced Stars in the Magellanic Clouds. <i>Astrophysical Journal Letters</i> , 2020, 903, L17.	3.0	20
611	SDSS-IV MaNGA: A Dwarf E+A Galaxy Quenched by AGN Feedback. <i>Research Notes of the AAS</i> , 2020, 4, 110.	0.3	2
612	SDSS-IV DR17: final release of MaNGA PyMorph photometric and deep-learning morphological catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4024-4036.	1.6	37

#	ARTICLE	IF	CITATIONS
613	Whereâ€™s Swimmy?: Mining unique color features buried in galaxies by deep anomaly detection using Subaru Hyper Suprime-Cam data. Publication of the Astronomical Society of Japan, 2022, 74, 1-23.	1.0	8
614	Are All Post-starbursts Mergers? HST Reveals Hidden Disturbances in the Majority of PSBs. Astrophysical Journal, 2021, 919, 134.	1.6	28
615	Signatures of Inflowing Gas in Red Geyser Galaxies Hosting Radio Active Galactic Nuclei. Astrophysical Journal, 2021, 919, 145.	1.6	7
616	Detections of solar-like oscillations in dwarfs and subgiants with <i>Kepler</i> DR25 short-cadence data. Astronomy and Astrophysics, 2022, 657, A31.	2.1	14
617	SDSS-IV MaNGA: drivers of stellar metallicity in nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4844-4857.	1.6	12
618	Double-lined Spectroscopic Binaries in the APOGEE DR16 and DR17 Data. Astronomical Journal, 2021, 162, 184.	1.9	40
619	Non-circular flows in HighMass galaxies in a test of the late accretion hypothesis. Monthly Notices of the Royal Astronomical Society, 2021, 509, 100-113.	1.6	3
620	The Milky Way bar and bulge revealed by APOGEE and <i>Gaia</i> EDR3. Astronomy and Astrophysics, 2021, 656, A156.	2.1	50
621	Radial stellar populations of AGN-host dwarf galaxies in SDSS-IV MaNGA survey. Research in Astronomy and Astrophysics, 2021, 21, 204.	0.7	2
622	The Physics of the Coronal-line Region for Galaxies in Mapping Galaxies at Apache Point Observatory. Astrophysical Journal, 2021, 920, 62.	1.6	12
623	Sulfur abundances in the Galactic bulge and disk. Astronomy and Astrophysics, 2022, 657, A29.	2.1	7
624	OCCASO IV. Radial velocities and open cluster kinematics. Astronomy and Astrophysics, 0, , .	2.1	5
625	Testing large-scale structure measurements against Fisher matrix predictions. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 044.	1.9	8
626	Measurements of the Cosmological Parameters Ω_m and Ω_b and H_0 . International Journal of Astronomy and Astrophysics, 2018, 08, 386-405.	0.2	1
627	Study of Galaxy Distributions with SDSS DR14 Data and Measurement of Neutrino Masses. International Journal of Astronomy and Astrophysics, 2018, 08, 230-257.	0.2	4
628	Las Campanas Observatory. , 2018, , .		0
629	HSC-XD 52: An X-Ray Detected AGN in a Low-mass Galaxy at $z \approx 0.56$. Astrophysical Journal Letters, 2019, 885, L3.	3.0	5
630	Environmental Influences on Star Formation in Low-mass Galaxies Observed by the SDSS-IV/MaNGA Survey. Astrophysical Journal, 2020, 894, 57.	1.6	1

#	ARTICLE	IF	CITATIONS
631	138175 (2000 EE104) and the Source of Interplanetary Field Enhancements. <i>Planetary Science Journal</i> , 2020, 1, 33.	1.5	1
632	Classifying Single Stars and Spectroscopic Binaries Using Optical Stellar Templates. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 34.	3.0	19
633	APOGEE-2S view of the globular cluster Patchick 125 (Gran 3). <i>Astronomy and Astrophysics</i> , 2022, 657, A84.	2.1	8
634	Searching for Nuclear Obscuration in the Infrared Spectra of Nearby FR I Radio Galaxies. <i>Astrophysical Journal</i> , 2020, 905, 42.	1.6	3
635	Photometric redshift estimation of BASS DR3 quasars by machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 2289-2303.	1.6	11
636	The importance of the diffuse ionized gas for interpreting galaxy spectra. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 371-380.	0.0	1
637	Core Mass Estimates in Strong Lensing Galaxy Clusters: A Comparison between Masses Obtained from Detailed Lens Models, Single-halo Lens Models, and Einstein Radii. <i>Astrophysical Journal</i> , 2021, 920, 98.	1.6	3
638	Photometric redshifts for the S-PLUS Survey: Is machine learning up to the task?. <i>Astronomy and Computing</i> , 2022, 38, 100510.	0.8	10
639	The Most Metal-poor Stars in the Magellanic Clouds Are r-process Enhanced*. <i>Astronomical Journal</i> , 2021, 162, 229.	1.9	19
640	The Impact of Black Hole Formation on Population-averaged Supernova Yields. <i>Astrophysical Journal</i> , 2021, 921, 73.	1.6	12
641	CAPOS: The bulge Cluster APOgee Survey. <i>Astronomy and Astrophysics</i> , 2022, 658, A116.	2.1	8
642	Anisotropic effective redshift and evolving clustering amplitude. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 006.	1.9	3
643	NGC 2770: High supernova rate due to interaction. <i>Astronomy and Astrophysics</i> , 2020, 642, A84.	2.1	4
644	SDSS-IV MaNGA: The Nature of an Off-galaxy H ₂ Blob—A Multiwavelength View of Offset Cooling in a Merging Galaxy Group. <i>Astrophysical Journal</i> , 2020, 903, 16.	1.6	4
645	Stellar Populations of a Sample of Optically Selected AGN-host Dwarf Galaxies. <i>Astrophysical Journal</i> , 2020, 903, 58.	1.6	6
646	The Sloan Digital Sky Survey Reverberation Mapping Project: Photometric <i>g</i> and <i>i</i> Light Curves. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 10.	3.0	3
647	Estimating Atmospheric Parameters of DA White Dwarf Stars with Deep Learning. <i>Astronomical Journal</i> , 2020, 160, 236.	1.9	0
648	Optimal strategies for identifying quasars in DESI. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 015-015.	1.9	17

#	ARTICLE	IF	CITATIONS
649	The local and global properties of different types of supernova host galaxies. <i>Research in Astronomy and Astrophysics</i> , 2020, 20, 169.	0.7	1
650	Satellites and central galaxies in SDSS: the influence of interactions on their properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1046-1058.	1.6	2
651	Apercalâ€”The Apertif calibration pipeline. <i>Astronomy and Computing</i> , 2022, 38, 100514.	0.8	8
652	Unified galaxy power spectrum measurements from 6dFGS, BOSS, and eBOSS. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 031.	1.9	32
653	Unexpected Short-period Variability in Dwarf Carbon Stars from the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2021, 922, 33.	1.6	4
654	SDSS-IV MaStar: theoretical atmospheric parameters for the MaNGA stellar library. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4308-4329.	1.6	6
655	A multi-planetary system orbiting the early-M dwarf TOI-1238. <i>Astronomy and Astrophysics</i> , 2022, 658, A138.	2.1	7
656	<scp>AbacusHOD</scp>: a highly efficient extended multitracer HOD framework and its application to BOSS and eBOSS data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3301-3320.	1.6	26
657	A 99 minute Double-lined White Dwarf Binary from SDSS-V. <i>Astrophysical Journal</i> , 2021, 921, 160.	1.6	10
658	Globular Cluster Candidates in the Sagittarius Dwarf Galaxy. <i>Astronomical Journal</i> , 2021, 162, 261.	1.9	1
659	A Sample of Massive Black Holes in Dwarf Galaxies Detected via [Fe x] Coronal Line Emission: Active Galactic Nuclei and/or Tidal Disruption Events. <i>Astrophysical Journal</i> , 2021, 922, 155.	1.6	32
660	Capturing the Physics of MaNGA Galaxies with Self-supervised Machine Learning. <i>Astrophysical Journal</i> , 2021, 921, 177.	1.6	10
661	MASCOT: an ESOâ€™ARO legacy survey of molecular gas in nearby SDSS-MaNGA galaxiesâ€™â€™. First data release, and global and resolved relations between H2 and stellar content. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3119-3131.	1.6	5
662	Dark Energy Survey Year 3 Results: clustering redshifts â€™ calibration of the weak lensing source redshift distributions with <i>redMaGiC</i> and BOSS/eBOSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 1223-1247.	1.6	36
663	The Dependence of the Fraction of Radio Luminous Quasars on Redshift and its Theoretical Implications. <i>Astrophysical Journal</i> , 2021, 922, 202.	1.6	2
664	Characterizing Extreme Emission-line Galaxies. I. A Four-zone Ionization Model for Very High-ionization Emission*. <i>Astrophysical Journal</i> , 2021, 922, 170.	1.6	37
665	An expanded ultraluminous X-ray source catalogue. <i>Astronomy and Astrophysics</i> , 2022, 659, A188.	2.1	5
666	Radio Morphology of Red Geysers. <i>Astrophysical Journal</i> , 2021, 922, 230.	1.6	8

#	ARTICLE	IF	CITATIONS
667	A Systematic Search for Dual AGNs in Merging Galaxies (Astro-daring): III: Results from the SDSS Spectroscopic Surveys. <i>Astronomical Journal</i> , 2021, 162, 276.	1.9	2
668	Tracing the outflow kinematics in Type 2 active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2022, 659, A130.	2.1	9
669	Spatially resolved properties of supernova host galaxies in SDSS-IV MaNGA. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 306.	0.7	0
670	Accelerating GPU-based Machine Learning in Python using MPI Library: A Case Study with MVA PICH2-GDR. , 2020, , .		0
671	The eROSITA Final Equatorial-Depth Survey (eFEDS). <i>Astronomy and Astrophysics</i> , 2022, 661, A7.	2.1	24
672	An Eccentric Brown Dwarf Eclipsing an M dwarf. <i>Astronomical Journal</i> , 2022, 163, 89.	1.9	8
673	Ionised gas kinematics in MaNGA AGN. <i>Astronomy and Astrophysics</i> , 2022, 659, A131.	2.1	12
674	Cool outflows in MaNGA: a systematic study and comparison to the warm phase. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4223-4237.	1.6	5
675	Investigating the origin of observed central dips in radial metallicity profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 371-392.	1.6	2
676	The impact and mitigation of broad-absorption-line quasars in Lyman- α forest correlations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3514-3523.	1.6	5
677	FGC 1287 and its enigmatic 250 kpc long HI tail in the outskirts of Abell 1367. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 980-993.	1.6	6
678	SDSS-IV MaStar: Data-driven Parameter Derivation for the MaStar Stellar Library. <i>Astronomical Journal</i> , 2022, 163, 56.	1.9	8
679	The photo-astrometric vertical tracer density of the Milky Way II. Results from Gaia. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3863-3880.	1.6	8
680	The Pristine survey XV. A CFHT ESPaDOnS view on the Milky Way halo and disc populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1004-1021.	1.6	10
681	Determination of Sodium Abundance Ratio from Low-resolution Stellar Spectra and Its Applications. <i>Astrophysical Journal</i> , 2022, 925, 35.	1.6	4
682	Automated Stellar Spectra Classification with Ensemble Convolutional Neural Network. <i>Advances in Astronomy</i> , 2022, 2022, 1-7.	0.5	2
683	Evidence for Impact of Galaxy Mergers on Stellar Kinematics of Early-type Galaxies. <i>Astrophysical Journal</i> , 2022, 925, 168.	1.6	10
684	CLIMBER: Galaxy Halo Connection Constraints from Next-generation Surveys. <i>Astrophysical Journal</i> , 2022, 925, 180.	1.6	1

#	ARTICLE	IF	CITATIONS
685	The evolution of the heaviest supermassive black holes in jetted AGNs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5436-5447.	1.6	10
686	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: cosmological implications from multitracer BAO analysis with galaxies and voids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5492-5524.	1.6	22
687	Correlation between the gas-phase metallicity and ionization parameter in extragalactic H&II regions. <i>Astronomy and Astrophysics</i> , 2022, 659, A112.	2.1	10
688	Functional Data Analysis for Extracting the Intrinsic Dimensionality of Spectra: Application to Chemical Homogeneity in the Open Cluster M67. <i>Astrophysical Journal</i> , 2022, 926, 51.	1.6	3
689	Direct Far-infrared Metal Abundances (FIRA). I. M101. <i>Astrophysical Journal</i> , 2022, 925, 194.	1.6	4
690	The Low-Redshift Lyman Continuum Survey. <i>Astronomy and Astrophysics</i> , 2022, 663, A59.	2.1	27
691	Modeling the Spectral Diversity of Quasars in the Sixteenth Data Release from the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2022, 163, 110.	1.9	4
692	Subgalactic Scaling Relations with T_e -based Metallicities of Low-metallicity Regions in Galaxies: Metal-poor Gas Inflow May Have Important Effects?. <i>Astrophysical Journal</i> , 2022, 926, 57.	1.6	4
693	A selection function toolbox for subsets of astronomical catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4626-4638.	1.6	2
694	An IFU View of the Active Galactic Nuclei in MaNGA Galaxy Pairs. <i>Astrophysical Journal</i> , 2021, 923, 6.	1.6	11
695	Large density perturbations from reheating to standard model particles due to the dynamics of the Higgs boson during inflation. <i>Physical Review D</i> , 2021, 104, .	1.6	6
696	Finding Rare Quasars: VLA Snapshot Continuum Survey of FRI Quasar Candidates Selected from the LOFAR Two-Metre Sky Survey (LoTSS). <i>Galaxies</i> , 2022, 10, 2.	1.1	3
697	Rotation Curves of Galaxies and Their Dependence on Morphology and Stellar Mass. <i>Astrophysical Journal</i> , 2021, 922, 249.	1.6	7
698	The Completed Sloan Digital Sky Survey IV Extended Baryon Oscillation Spectroscopic Survey: The Damped Ly α Systems Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 18.	3.0	7
699	Passive spiral galaxies deeply captured by Subaru Hyper Suprime-Cam. <i>Publication of the Astronomical Society of Japan</i> , 2022, 74, 612-624.	1.0	8
700	Exploring the S-process History in the Galactic Disk: Cerium Abundances and Gradients in Open Clusters from the OCCAM/APOGEE Sample. <i>Astrophysical Journal</i> , 2022, 926, 154.	1.6	16
701	The Influence of 10 Unique Chemical Elements in Shaping the Distribution of Kepler Planets. <i>Astronomical Journal</i> , 2022, 163, 128.	1.9	6
702	The bimodality in the mass-metallicity relation in SDSS-MaNGA galaxy pairs. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	0

#	ARTICLE	IF	CITATIONS
703	K-band Imaging of the Nearby Clumpy, Turbulent Disk Galaxy DYNAMO G04-1. <i>Astrophysical Journal</i> , 2022, 926, 32.	1.6	2
704	Quantifying radial migration in the Milky Way: inefficient over short time-scales but essential to the very outer disc beyond ~ 15 kpc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5639-5655.	1.6	16
705	Far-ultraviolet to FIR Spectral-energy Distribution Modeling of the Stellar Formation History of the M31 Bulge. <i>Astronomical Journal</i> , 2022, 163, 138.	1.9	4
706	Model-independent constraints on \dot{M} and $\langle \dot{M} \rangle$ from the link between geometry and growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1967-1984.	1.6	16
707	The K2 Galactic Archaeology Program Data Release 3: Age-abundance Patterns in C1-C8 and C10-C18. <i>Astrophysical Journal</i> , 2022, 926, 191.	1.6	19
708	Accretion mode versus radio morphology in the LOFAR Deep Fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3250-3271.	1.6	22
709	Estimate of the Mass and Radial Profile of the Orphan-Chenab Stream's Dwarf-galaxy Progenitor Using MilkyWay@home. <i>Astrophysical Journal</i> , 2022, 926, 106.	1.6	2
710	Toward a More Complete Optical Census of Active Galactic Nuclei via Spatially Resolved Spectroscopy. <i>Astrophysical Journal</i> , 2022, 927, 23.	1.6	6
711	Galaxy And Mass Assembly (GAMA): Data Release 4 and the $\langle \dot{M} \rangle$ < 0.1 total and $\langle \dot{M} \rangle$ < 0.08 morphological galaxy stellar mass functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 439-467.	1.6	75
712	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 35.	3.0	405
713	APOGEE Net: An Expanded Spectral Model of Both Low-mass and High-mass Stars. <i>Astronomical Journal</i> , 2022, 163, 152.	1.9	16
714	Star-forming S0 Galaxies in SDSS-MaNGA: fading spirals or rejuvenated S0s?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 389-404.	1.6	13
715	The Pulsating Helium-atmosphere White Dwarfs. I. New DBVs from the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2022, 927, 158.	1.6	4
716	SDSS IV MaNGA: visual morphological and statistical characterization of the DR15 sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2222-2244.	1.6	12
717	Cosmological implications of the full shape of anisotropic clustering measurements in BOSS and eBOSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5657-5670.	1.6	26
718	Gas-phase metallicity determinations in nearby AGNs with SDSS-IV MaNGA: evidence of metal-poor accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 807-821.	1.6	11
719	SDSS-IV MaNGA: Understanding Ionized Gas Turbulence Using Integral Field Spectroscopy of 4500 Star-forming Disk Galaxies. <i>Astrophysical Journal</i> , 2022, 928, 58.	1.6	12
720	Estimating cluster masses from SDSS multiband images with transfer learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3885-3894.	1.6	6

#	ARTICLE	IF	CITATIONS
721	Stellar Abundance Maps of the Milky Way Disk. <i>Astrophysical Journal</i> , 2022, 928, 23.	1.6	23
722	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: growth rate of structure measurement from cosmic voids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 186-203.	1.6	21
723	Illustrating galaxy-halo connection in the DESI era with <i>illustrisTNG</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5793-5811.	1.6	18
724	A novel cosmic filament catalogue from SDSS data. <i>Astronomy and Astrophysics</i> , 2022, 659, A166.	2.1	9
725	Testing the Cosmological Principle: Astrometric Limits on Systemic Motion of Quasars at Different Cosmological Epochs. <i>Astrophysical Journal Letters</i> , 2022, 927, L4.	3.0	4
726	Combined APOGEE-GALAH stellar catalogues using the Cannon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 232-255.	1.6	9
727	SQUAB ² : The First Release of Strange Quasar Candidates With Abnormal Astrometric Characteristics From Gaia EDR3 and SDSS. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, .	1.1	4
728	Detailed Chemical Abundances for a Benchmark Sample of M Dwarfs from the APOGEE Survey. <i>Astrophysical Journal</i> , 2022, 927, 123.	1.6	12
729	Stellar multiplicity and stellar rotation: insights from APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2051-2061.	1.6	9
730	The eROSITA Final Equatorial-Depth Survey (eFEDS). <i>Astronomy and Astrophysics</i> , 2022, 661, A10.	2.1	27
731	Kinematical Analysis of Substructure in the Southern Periphery of the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2022, 928, 95.	1.6	4
732	Metallicities of outer halo M31 globular clusters from integrated light calcium-II triplet spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4819-4834.	1.6	2
733	Stellar Mass-to-light Ratios: Composite Bulge+Disk Models and the Baryonic Tully-Fisher Relation. <i>Astronomical Journal</i> , 2022, 163, 154.	1.9	16
734	The eROSITA Final Equatorial-Depth Survey (eFEDS). <i>Astronomy and Astrophysics</i> , 2022, 661, A3.	2.1	50
735	The eROSITA Final Equatorial-Depth Survey (eFEDS). <i>Astronomy and Astrophysics</i> , 2022, 661, A5.	2.1	41
736	Strong [O iii] λ 5007 Emission-line Compact Galaxies in LAMOST DR9: Blueberries, Green Peas, and Purple Grapes. <i>Astrophysical Journal</i> , 2022, 927, 57.	1.6	9
737	Estimation of Stellar Atmospheric Parameters with Light Gradient Boosting Machine Algorithm and Principal Component Analysis. <i>Astronomical Journal</i> , 2022, 163, 153.	1.9	20
738	Galaxy and Mass Assembly (GAMA): The Weak Environmental Dependence of Quasar Activity at 0.1 z ≤ 0.35. <i>Astrophysical Journal</i> , 2022, 928, 192.	1.6	3

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739	SEGUE-2: Old Milky Way Stars Near and Far. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 60.	3.0	22
740	The Open Cluster Chemical Abundances and Mapping Survey. V. Chemical Abundances of CTIO/Hydra Clusters Using The Cannon. <i>Astronomical Journal</i> , 2022, 163, 195.	1.9	1
741	Spectroscopic analysis of VVV CL001 cluster with MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3993-4003.	1.6	1
742	Galactic Archaeological Excavations (GALILEO). <i>Astronomy and Astrophysics</i> , 2022, 663, A126.	2.1	13
743	Is Terzan 5 the remnant of a building block of the Galactic bulge? Evidence from APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3429-3443.	1.6	1
744	Exploratory X-Ray Monitoring of Luminous Radio-quiet Quasars at High Redshift: Extended Time-series Analyses and Stacked Imaging Spectroscopy. <i>Astrophysical Journal</i> , 2021, 923, 111.	1.6	2
745	APOGEE Chemical Abundance Patterns of the Massive Milky Way Satellites. <i>Astrophysical Journal</i> , 2021, 923, 172.	1.6	64
746	Wolf-Rayet Galaxies in SDSS-IV MaNGA. II. Metallicity Dependence of the High-mass Slope of the Stellar Initial Mass Function. <i>Astrophysical Journal</i> , 2021, 923, 120.	1.6	5
747	Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey. <i>Astronomical Journal</i> , 2021, 162, 302.	1.9	44
748	The eROSITA Final Equatorial-Depth Survey (eFEDS). <i>Astronomy and Astrophysics</i> , 2022, 661, A4.	2.1	23
749	Stars in the local galactic thick disc and halo in Gaia EDR3: a catalogue of half a million local main-sequence stars with photometric metallicities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4308-4329.	1.6	5
750	APOGEE detection of N-rich stars in the tidal tails of Palomar 5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3727-3733.	1.6	5
751	Final Targeting Strategy for the SDSS-IV APOGEE-2S Survey. <i>Astronomical Journal</i> , 2021, 162, 303.	1.9	46
752	The ALMaQUEST survey IX: the nature of the resolved star forming main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3622-3628.	1.6	29
753	SDSS-IV MaNGA: integral-field kinematics and stellar population of a sample of galaxies with counter-rotating stellar discs selected from about 4000 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 139-157.	1.6	15
754	$H\alpha$ constraints from the cross-correlation of eBOSS galaxies and Green Bank Telescope intensity maps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3495-3511.	1.6	47
755	Clustered Hierarchical Anomaly and Outlier Detection Algorithms. , 2021, , .		2
756	Constraining cosmological extra dimensions with gravitational wave standard sirens: From theory to current and future multimessenger observations. <i>Physical Review D</i> , 2022, 105, .	1.6	12

#	ARTICLE	IF	CITATIONS
757	The Strongest Cluster Lenses: An Analysis of the Relation between Strong Gravitational Lensing Strength and the Physical Properties of Galaxy Clusters. <i>Astrophysical Journal</i> , 2022, 928, 87.	1.6	11
758	Quantifying Chemical and Kinematical Properties of Galactic Disks. <i>Astrophysical Journal</i> , 2022, 929, 33.	1.6	1
759	Primordial non-Gaussianity from the completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey II: measurements in Fourier space with optimal weights. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3396-3409.	1.6	15
760	A Spatially-resolved Large Cavity of the J0337 Protoplanetary Disk in Perseus. <i>Astronomical Journal</i> , 2022, 163, 204.	1.9	0
761	Unveiling an Old Disk around a Massive Young Leaking Blueberry in SDSS-IV MaNGA. <i>Astrophysical Journal</i> , 2022, 929, 50.	1.6	1
762	Photometric Signature of Ultraharmonic Resonances in Barred Galaxies. <i>Astrophysical Journal</i> , 2022, 929, 112.	1.6	5
763	The SN 2019-1: runaway LP 398-9: detection of circumstellar material and surface rotation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 6122-6133.	1.6	4
764	APOGEE-2S Mg-Al anti-correlation of the metal-poor globular cluster NGC 2298. <i>Astronomy and Astrophysics</i> , 2022, 662, A47.	2.1	3
765	Dark Energy Survey Year 3 results: calibration of lens sample redshift distributions using clustering redshifts with BOSS/eBOSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 5517-5539.	1.6	16
766	Machine learning technique for morphological classification of galaxies from SDSS. II. The image-based morphological catalogs of galaxies at $0.02 < z < 0.1$. <i>Kosmicheskaia Nauka i Tehnologii</i> , 2022, 28, 03-22.	0.1	2
767	The eROSITA Final Equatorial Depth Survey (eFEDS). <i>Astronomy and Astrophysics</i> , 2022, 661, A1.	2.1	144
768	The Open Cluster Chemical Abundances and Mapping Survey. VII. APOGEE DR17 [C/N] Age Calibration. <i>Astronomical Journal</i> , 2022, 163, 229.	1.9	8
769	The Milky Way tomography with APOGEE: intrinsic density distribution and structure of mono-abundance populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4130-4151.	1.6	15
770	The Low-redshift Lyman Continuum Survey. I. New, Diverse Local Lyman Continuum Emitters. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 1.	3.0	62
771	Rotation Distributions around the Kraft Break with TESS and Kepler: The Influences of Age, Metallicity, and Binarity. <i>Astrophysical Journal</i> , 2022, 930, 7.	1.6	18
772	106 new emission-line galaxies and 29 new Galactic HII regions are identified with spectra in the Unknown dataset of LAMOST DR7. <i>Research in Astronomy and Astrophysics</i> , 0, , .	0.7	1
773	Comparison of the star formation in X-ray-selected AGN in eFEDS with that of star-forming galaxies. <i>Astronomy and Astrophysics</i> , 2022, 663, A130.	2.1	14
774	The Hosts of X-Ray Absorption Lines Toward AGNs. <i>Astronomical Journal</i> , 2022, 163, 264.	1.9	1

#	ARTICLE	IF	CITATIONS
775	SDSS-IV MaNGA: Exploring the Local Scaling Relations for N/O. <i>Astrophysical Journal</i> , 2022, 930, 160.	1.6	5
776	LyMAS reloaded: improving the predictions of the large-scale Lyman- α forest statistics from dark matter density and velocity fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3222-3245.	1.6	5
777	XMM-Newton and TESS observations of the highly variable polar V496 UMa. <i>Astronomy and Astrophysics</i> , 2022, 662, A116.	2.1	1
778	SILVERRUSH. XII. Intensity Mapping for Ly α Emission Extending over 100–1000 Comoving Kpc around $z \approx 2.7$ LAEs with Subaru HSC-SSP and CHORUS Data. <i>Astrophysical Journal</i> , 2022, 931, 97.	1.6	6
779	BUDDI-MaNGA II: the star-formation histories of bulges and discs of S0s. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 6141-6156.	1.6	8
780	Galaxy Shape Categorization Using Convolutional Neural Network Approach. , 2022, , .		0
781	BUDDI-MaNGA I: A statistical sample of cleanly decomposed bulge and disc spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 6120-6140.	1.6	2
782	SDSS-IV MaNGA: a catalogue of spectroscopically detected strong galaxy–galaxy lens candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 4953-4980.	1.6	0
783	Search for extended Lyman- α emission around 9k quasars at $z \approx 3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3910-3924.	1.6	0
784	Forecasting cosmic acceleration measurements using the Lyman- α forest. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	5
785	SDSS IV MaNGA: characteristics of edge-on galaxies with a counter-rotating gaseous disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 3175-3192.	1.6	4
786	Gaia Data Release 3. <i>Astronomy and Astrophysics</i> , 2023, 674, A41.	2.1	29
787	The US Naval Observatory VLBI Spectroscopic Catalog. <i>Astrophysical Journal</i> , Supplement Series, 2022, 260, 33.	3.0	5
788	Chemical Cartography with APOGEE: Mapping Disk Populations with a 2-process Model and Residual Abundances. <i>Astrophysical Journal</i> , Supplement Series, 2022, 260, 32.	3.0	15
789	iMaNGA: mock MaNGA galaxies based on IllustrisTNG and MaStar SSPs. I. Construction and analysis of the mock data cubes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 320-338.	1.6	14
790	Gaia Data Release 3. <i>Astronomy and Astrophysics</i> , 2023, 674, A33.	2.1	23
791	APOGEE-centric Ananke Simulations in a SciServer SQL Database. <i>Research Notes of the AAS</i> , 2022, 6, 125.	0.3	0
792	Predicting Supermassive Black Hole Mass with Machine Learning Methods. <i>Research in Astronomy and Astrophysics</i> , 2022, 22, 085014.	0.7	1

#	ARTICLE	IF	CITATIONS
793	Multiplicity Statistics of Stars in the Sagittarius Dwarf Spheroidal Galaxy: Comparison to the Milky Way. <i>Astrophysical Journal Letters</i> , 2022, 933, L18.	3.0	1
794	WISE-PS1-STRM: neural network source classification and photometric redshifts for WISE-PS1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 4711-4721.	1.6	2
795	Machine learning synthetic spectra for probabilistic redshift estimation: SYTH-Z. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1927-1941.	1.6	4
796	Evidence for the Late Arrival of Hot Jupiters in Systems with High Host-star Obliquities. <i>Astronomical Journal</i> , 2022, 164, 26.	1.9	9
797	SDSS-IV MaNGA “ gas rotation velocity lags in the final sample of MaNGA galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 1598-1609.	1.6	3
798	Key Space and Ground Facilities in GRB Science. <i>Universe</i> , 2022, 8, 373.	0.9	5
799	SDSS-IV MaNGA: Cannibalism Caught in the Act—On the Frequency of Occurrence of Multiple Cores in Brightest Cluster Galaxies. <i>Astrophysical Journal</i> , 2022, 933, 61.	1.6	2
800	SDSS-IV MaNGA: How the Stellar Populations of Passive Central Galaxies Depend on Stellar and Halo Mass. <i>Astrophysical Journal</i> , 2022, 933, 88.	1.6	5
801	The Time Domain Spectroscopic Survey: Changing-look Quasar Candidates from Multi-epoch Spectroscopy in SDSS-IV. <i>Astrophysical Journal</i> , 2022, 933, 180.	1.6	19
802	Further Evidence of Modified Spin-down in Sun-like Stars: Pileups in the Temperature-Period Distribution. <i>Astrophysical Journal</i> , 2022, 933, 114.	1.6	21
803	Challenges for Λ CDM: An update. <i>New Astronomy Reviews</i> , 2022, 95, 101659.	5.2	246
804	The Quasar Candidates Catalogs of DESI Legacy Imaging Survey Data Release 9. <i>Research in Astronomy and Astrophysics</i> , 0, , .	0.7	0
805	<i>Gaia</i> Data Release 3. <i>Astronomy and Astrophysics</i> , 2023, 674, A26.	2.1	65
806	Photometric Observations of the Binary Near-Earth Asteroid (65803) Didymos in 2015–2021 Prior to DART Impact. <i>Planetary Science Journal</i> , 2022, 3, 175.	1.5	23
807	SDSS-IV MaNGA: global properties of kinematically misaligned galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 5081-5093.	1.6	4
808	pyFIT3D and pyPipe3D “ The new version of the integral field spectroscopy data analysis pipeline. <i>New Astronomy</i> , 2022, 97, 101895.	0.8	22
809	V410 Puppis: A useful laboratory for early stellar evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 6151-6163.	1.6	3
810	Turbulence in Milky Way Star-forming Regions Traced by Young Stars and Gas. <i>Astrophysical Journal</i> , 2022, 934, 7.	1.6	13

#	ARTICLE	IF	CITATIONS
811	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the growth rate of structure from the small-scale clustering of the luminous red galaxy sample. Monthly Notices of the Royal Astronomical Society, 2022, 516, 617-635.	1.6	14
812	Chemical abundance of LINER galaxies â€“ metallicity calibrations based on SDSS-IV MaNGA. Monthly Notices of the Royal Astronomical Society, 2022, 515, 6093-6108.	1.6	4
813	Combined full shape analysis of BOSS galaxies and eBOSS quasars using an iterative emulator. Monthly Notices of the Royal Astronomical Society, 2022, 516, 1910-1922.	1.6	11
814	Finding Quasars behind the Galactic Plane. II. Spectroscopic Identifications of 204 Quasars at $\pm 20^\circ$. Astrophysical Journal, Supplement Series, 2022, 261, 32.	3.0	5
815	The Stability of Fiber Spectrographs in the Faint-source Regime. Astronomical Journal, 2022, 164, 94.	1.9	0
816	The Open Cluster Chemical Abundances and Mapping Survey. VI. Galactic Chemical Gradient Analysis from APOGEE DR17. Astronomical Journal, 2022, 164, 85.	1.9	15
817	Model BOSS& eBOSS luminous red galaxies at $0.2 < z < 1.0$ using SubHalo Abundance Matching with three parameters. Monthly Notices of the Royal Astronomical Society, 2022, 516, 57-74.	1.6	6
818	Abundance analysis of APOGEE spectra for 58 metal-poor stars from the bulge spheroid. Monthly Notices of the Royal Astronomical Society, 2022, 517, 4590-4606.	1.6	4
819	The SAMI galaxy survey: Galaxy size can explain the offset between star-forming and passive galaxies in the massâ€“metallicity relationship. Monthly Notices of the Royal Astronomical Society, 2022, 516, 2971-2987.	1.6	6
820	Active Galactic Nuclei signatures in Red Geyser galaxies from Gemini GMOS-IFU observations. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	3
821	The Velocity Map Asymmetry of Ionized Gas in MaNGA. I. The Catalog and General Properties. Astrophysical Journal, Supplement Series, 2022, 262, 6.	3.0	1
822	Photometric redshifts for quasars from WISE-PS1-STRM. Monthly Notices of the Royal Astronomical Society, 2022, 516, 2662-2670.	1.6	3
823	<i>Euclid</i> : Cosmological forecasts from the void size function. Astronomy and Astrophysics, 2022, 667, A162.	2.1	10
824	Chemodynamical Signatures of Bar Resonances in the Galactic Disk: Current Data and Future Prospects. Astrophysical Journal, 2022, 935, 28.	1.6	3
825	The â€“Giraffeâ€™: discovery of a stripped red giant in an interacting binary with an $\sim 1/4 M_\odot$ lower giant. Monthly Notices of the Royal Astronomical Society, 2022, 516, 5945-5963.	1.6	7
826	SDSS-IV MaNGA: the chemical co-evolution of gas and stars in spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 516, 1275-1288.	1.6	5
827	Model-agnostic interpretation of 10 billion years of cosmic evolution traced by BOSS and eBOSS data. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 024.	1.9	23
828	Metal Lines Associated with the Ly α Forest from eBOSS Data. Astrophysical Journal, 2022, 935, 121.	1.6	4

#	ARTICLE	IF	CITATIONS
829	Is Thermohaline Mixing the Full Story? Evidence for Separate Mixing Events near the Red Giant Branch Bump. <i>Astrophysical Journal Letters</i> , 2022, 935, L30.	3.0	6
830	A photometry pipeline for SDSS images based on convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 264-278.	1.6	5
831	qrpc: A package for fast principal component analysis with GPU acceleration. <i>Astronomy and Computing</i> , 2022, 41, 100633.	0.8	0
832	The XMM Cluster Survey: an independent demonstration of the fidelity of the eFEDS galaxy cluster data products and implications for future studies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 657-674.	1.6	4
833	Fuzzy and SVM Based Classification Model to Classify Spectral Objects in Sloan Digital Sky. <i>IEEE Access</i> , 2022, 10, 101276-101291.	2.6	1
834	X-Ray Redshifts of Obscured Chandra Source Catalog Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2022, 936, 39.	1.6	2
835	The Pristine survey "XVI. The metallicity of 26 stellar streams around the Milky Way detected with the STREAMFINDER in Gaia EDR3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 5331-5354.	1.6	18
836	External upgrades to improve the RV precision of the APOGEE Spectrographs. , 2022, , .		0
837	Anisotropies in cosmological 21Åcm background by oscillons/l-balls of ultra-light axion-like particle. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 066.	1.9	3
838	SDSS IV MaNGA - star-formation driven biconical outflows in face-on galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 3092-3101.	1.6	1
839	Gaia EDR3 Data For Three Young Stellar Objects. <i>Communications of the Byurakan Astrophysical Observatory</i> , 0, , 77-82.	0.0	0
840	Multiple gas acquisition events in galaxies with dual misaligned gas disks. <i>Nature Astronomy</i> , 2022, 6, 1464-1472.	4.2	3
841	SDSS-IV MaNGA: The MaNGA Dwarf Galaxy Sample Presentation. <i>Astronomical Journal</i> , 2022, 164, 127.	1.9	2
842	A Census of the 32 Ori Association with Gaia*. <i>Astronomical Journal</i> , 2022, 164, 151.	1.9	6
843	HT Lyn and IR Lyn: Two Semi-detached-type Near-contact Binaries with Stable Orbital Period. <i>Research in Astronomy and Astrophysics</i> , 2022, 22, 115015.	0.7	1
844	SDSS-IV MaNGA: pyPipe3D Analysis Release for 10,000 Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2022, 262, 36.	3.0	42
845	Measurements of cosmic expansion and growth rate of structure from voids in the Sloan Digital Sky Survey between redshift 0.07 and 1.0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 4307-4323.	1.6	19
846	White Dwarf Binaries across the H-R Diagram. <i>Astronomical Journal</i> , 2022, 164, 126.	1.9	3

#	ARTICLE	IF	CITATIONS
847	A Novel Survey for Young Substellar Objects with the W-band Filter. V. IC 348 and Barnard 5 in the Perseus Cloud. <i>Astronomical Journal</i> , 2022, 164, 125.	1.9	3
848	BACCHUS Analysis of Weak Lines in APOGEE Spectra (BAWLAS). <i>Astrophysical Journal, Supplement Series</i> , 2022, 262, 34.	3.0	17
849	Baryon acoustic oscillations from a joint analysis of the large-scale clustering in Fourier and configuration space. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	0
850	Testing the key role of the stellar mass-halo mass relation in galaxy merger rates and morphologies via DECODE, a novel Discrete statistical sEmi-empiriCal mODEL. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 3206-3233.	1.6	2
851	Abundance matching analysis of the emission-line galaxy sample in the extended Baryon Oscillation Spectroscopic Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 519, 4253-4262.	1.6	4
852	The Physical Properties of Low-redshift FeLoBAL Quasars. I. Spectral-synthesis Analysis of the Broad Absorption-line (BAL) Outflows Using SimBAL. <i>Astrophysical Journal</i> , 2022, 937, 74.	1.6	8
853	Dwarf AGNs from variability for the origins of seeds (DAVOS): Intermediate-mass black hole demographics from optical synoptic surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 1880-1904.	1.6	8
854	ulisse: A tool for one-shot sky exploration and its application for detection of active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2022, 666, A171.	2.1	1
855	SFR estimations from $z = 0$ to $z = 0.9$. A comparison of SFR calibrators for star-forming galaxies. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	6
856	Constraints on the extragalactic magnetic field strength from blazar spectra based on 145 months of <i>Fermi</i> -LAT observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 516, 5379-5388.	1.6	4
857	Peculiar Black Hole Accretion Rates in AGN with Highest Star Formation Rates in the Universe. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 094103.	1.0	0
858	SDSS-IV MaStar: Stellar parameter determination with continuum-supplemented full-spectrum fitting. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	0
859	SDSS-IV MaNGA: Unveiling Galaxy Interaction by Merger Stages with Machine Learning. <i>Astrophysical Journal</i> , 2022, 937, 97.	1.6	2
860	A study on the clustering properties of radio-selected sources in the Lockman Hole region at 325 MHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 3407-3422.	1.6	3
861	Beyond Galaxy Bimodality: The Complex Interplay between Kinematic Morphology and Star Formation in the Local Universe. <i>Astrophysical Journal</i> , 2022, 937, 117.	1.6	9
862	Stellar population of the Rosette Nebula and NGC 2244. <i>Astronomy and Astrophysics</i> , 2022, 668, A19.	2.1	6
863	SDSS IV MaNGA: bar pattern speed in Milky Way analogue galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 5660-5677.	1.6	6
864	SDSS-IV MaStar: $[\pm/Fe]$ for the MaNGA Stellar Library from synthetic model spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 4275-4290.	1.6	0

#	ARTICLE	IF	CITATIONS
865	The contribution of <i>in situ</i> and <i>ex situ</i> star formation in early-type galaxies: MaNGA versus IllustrisTNG. Monthly Notices of the Royal Astronomical Society, 2023, 520, 5651-5670.	1.6	9
866	Impact of the Universe's expansion rate on constraints on modified growth of structure. Physical Review D, 2022, 106, .	1.6	3
867	Efficient analysis routines for single and double peaked Type 2 AGN spectra. Monthly Notices of the Royal Astronomical Society, 2022, 518, 130-148.	1.6	1
868	MaNGA 8313-1901: Gas Accretion Observed in a Blue Compact Dwarf Galaxy?. Astrophysical Journal, 2022, 938, 96.	1.6	4
869	KIC 7955301: A hierarchical triple system with eclipse timing variations and an oscillating red giant. Astronomy and Astrophysics, 2022, 668, A173.	2.1	3
870	Planetary system around LTT 1445A unveiled by ESPRESSO: Multiple planets in a triple M-dwarf system. Astronomy and Astrophysics, 2023, 673, A69.	2.1	5
871	High-velocity Stars in SDSS/APOGEE DR17. Astronomical Journal, 2022, 164, 187.	1.9	4
872	The impact of environment on the lives of disc galaxies as revealed by SDSS-IV MaNGA. Monthly Notices of the Royal Astronomical Society, 2022, 517, 3723-3731.	1.6	1
873	Quasar and galaxy classification using <i>Gaia</i> EDR3 and CatWise2020. Astronomy and Astrophysics, 2022, 668, A99.	2.1	4
874	BLASTNet: A call for community-involved big data in combustion machine learning. Applications in Energy and Combustion Science, 2022, 12, 100087.	0.9	0
875	The MUSE <i>Hubble</i> Ultra Deep Field surveys: Data release II. Astronomy and Astrophysics, 2023, 670, A4.	2.1	22
876	Modelling the Lyman- α forest with Eulerian and SPH hydrodynamical methods. Monthly Notices of the Royal Astronomical Society, 2022, 518, 3754-3776.	1.6	6
877	Optical-Radio Position Offsets Are Inversely Correlated with AGN Photometric Variability. Astrophysical Journal Letters, 2022, 939, L32.	3.0	2
878	Spinning up the Surface: Evidence for Planetary Engulfment or Unexpected Angular Momentum Transport?. Astrophysical Journal, 2022, 940, 23.	1.6	7
879	3D detection and characterization of ALMA sources through deep learning. Monthly Notices of the Royal Astronomical Society, 2022, 518, 3407-3427.	1.6	3
880	MUPHOTEN: A Multi-band PHotometry Tool for TElescope Network. Publications of the Astronomical Society of the Pacific, 2022, 134, 114504.	1.0	2
881	Optical spectroscopy of blazars for the Cherenkov Telescope Array II. Monthly Notices of the Royal Astronomical Society, 2022, 518, 2675-2692.	1.6	4
882	Stellar population analysis of MaNGA early-type galaxies: IMF dependence and systematic effects. Monthly Notices of the Royal Astronomical Society, 2022, 518, 4713-4733.	1.6	3

#	ARTICLE	IF	CITATIONS
883	Covariance matrices for variance-suppressed simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	1
884	The chemical characterization of halo substructure in the Milky Way based on APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 5671-5711.	1.6	37
885	Rapid simulations of halo and subhalo clustering. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 002.	1.9	1
886	Machine learning technique for morphological classification of galaxies from the SDSS. III. The CNN image-based inference of detailed features. <i>Kosmologiya Nauka i Tehnologiya</i> , 2022, 28, 27-55.	0.1	2
887	The half-mass radius of MaNGA galaxies: effect of IMF gradients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 3494-3508.	1.6	9
888	Comparative analysis of atmospheric parameters from high-resolution spectroscopic sky surveys: APOGEE, GALAH, <i>Gaia</i>-ESO. <i>Astronomy and Astrophysics</i> , 2023, 670, A107.	2.1	2
889	Assessing the physical reality of Milky Way open cluster candidates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 6216-6222.	1.6	4
890	Simulated Bars May Be Shorter but Are Not Slower Than Those Observed: TNG50 versus MaNGA. <i>Astrophysical Journal</i> , 2022, 940, 61.	1.6	13
891	MASCOT: molecular gas depletion times and metallicity gradients as evidence for feedback in quenching active galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 518, 5500-5521.	1.6	1
892	The need for multicomponent dust attenuation in modeling nebular emission: Constraints from SDSS-IV MaNGA. <i>Astronomy and Astrophysics</i> , 2023, 670, A125.	2.1	2
893	A Catalog of Quasar Properties from Sloan Digital Sky Survey Data Release 16. <i>Astrophysical Journal, Supplement Series</i> , 2022, 263, 42.	3.0	30
894	Characterizing Observed Extra Mixing Trends in Red Giants using the Reduced Density Ratio from Thermohaline Models. <i>Astrophysical Journal</i> , 2022, 941, 164.	1.6	3
895	The softness diagram for MaNGA star-forming regions: diffuse ionized gas contamination or local HOLMES predominance?. <i>Astronomy and Astrophysics</i> , 2023, 669, A88.	2.1	0
896	X-ray emission of the radio-loud quasar SDSS J121426.52+140258.9: independent variations between optical/UV and X-ray emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 519, 909-921.	1.6	0
897	Photometric calibration in <i>u</i>-band using blue halo stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	0
898	Evolution of dark gaps in barred galaxies. <i>Astronomy and Astrophysics</i> , 2023, 670, A123.	2.1	2
899	Resolved Molecular Gas Observations of MaNGA Post-starbursts Reveal a Tumultuous Past. <i>Astrophysical Journal</i> , 2022, 941, 93.	1.6	6
900	Near-infrared chemical abundances of stars in the Sculptor dwarf galaxy. <i>Astronomy and Astrophysics</i> , 2023, 669, A125.	2.1	2

#	ARTICLE	IF	CITATIONS
901	The metallicity's fundamental dependence on both local and global galactic quantities. Monthly Notices of the Royal Astronomical Society, 2022, 519, 1149-1170.	1.6	16
902	A spectrophotometric analysis of cool white dwarfs in the <i>Gaia</i> and pan-STARRS footprint. Monthly Notices of the Royal Astronomical Society, 2023, 519, 4529-4549.	1.6	12
903	A multifrequency characterization of the extragalactic hard X-ray sky. Astronomy and Astrophysics, 2023, 670, A171.	2.1	1
904	A comparative analysis of the chemical compositions of Gaia-Enceladus/Sausage and Milky Way satellites using APOGEE. Monthly Notices of the Royal Astronomical Society, 2023, 519, 3611-3622.	1.6	8
905	Gravitationally lensed quasars in <i>Gaia</i> " IV. 150 new lenses, quasar pairs, and projected quasars. Monthly Notices of the Royal Astronomical Society, 2023, 520, 3305-3328.	1.6	25
906	A measurement of the distance to the Galactic centre using the kinematics of bar stars. Monthly Notices of the Royal Astronomical Society, 2022, 519, 948-960.	1.6	15
907	Follow-up of Young Stars Identified with BANYAN Î: New Low-mass Members of Nearby Moving Groups. Astrophysical Journal, 2022, 941, 101.	1.6	1
908	A complete spectroscopic catalogue of local galaxies in the northern spring sky: Gas properties and nuclear activity in different environments. Astronomy and Astrophysics, 2023, 671, A118.	2.1	4
909	Sub-Jovian desert of exoplanets at its boundaries. Parameter dependence along the main sequence. Astronomy and Astrophysics, 0, , .	2.1	2
910	Independent Validation of the Temperate Super-Earth HD 79211 b using HARPS-N. Astronomical Journal, 2023, 165, 38.	1.9	2
911	Evidence of extended cold molecular gas and dust haloes around $z \sim 2.3$ extremely red quasars with ALMA. Monthly Notices of the Royal Astronomical Society, 2023, 519, 5246-5262.	1.6	5
912	Offset between X-ray and optical centers in clusters of galaxies: Connecting eROSITA data with simulations. Astronomy and Astrophysics, 2023, 671, A57.	2.1	6
913	Measuring stellar populations, dust attenuation and ionized gas at kpc scales in 10,010 nearby galaxies using the integral field spectroscopy from MaNGA. Chinese Physics B, 0, , .	0.7	0
914	Signature of Massive Neutrinos from the Clustering of Critical Points. I. Density-threshold-based Analysis in Configuration Space. Astrophysical Journal, Supplement Series, 2023, 264, 26.	3.0	0
915	Stellar Properties for a Comprehensive Collection of Star-forming Regions in the SDSS APOGEE-2 Survey*. Astronomical Journal, 2023, 165, 51.	1.9	4
916	SDSS-IV MaNGA: How Galaxy Interactions Influence Active Galactic Nuclei. Astrophysical Journal, 2023, 942, 107.	1.6	7
917	A Census of the Taurus Star-forming Region and Neighboring Associations with Gaia*. Astronomical Journal, 2023, 165, 37.	1.9	12
918	Quasar Identification Using Multivariate Probability Density Estimated from Nonparametric Conditional Probabilities. Mathematics, 2023, 11, 155.	1.1	2

#	ARTICLE	IF	CITATIONS
919	Pre-main-sequence Brackett Emitters in the APOGEE DR17 Catalog: Line Strengths and Physical Properties of Accretion Columns. <i>Astrophysical Journal</i> , 2023, 942, 22.	1.6	2
920	The Chemical Enrichment of the Milky Way Disk Evaluated Using Conditional Abundances. <i>Astrophysical Journal</i> , 2023, 943, 92.	1.6	4
921	The simulated catalogue of optical transients and correlated hosts (SCOTCH). <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 2887-2912.	1.6	4
922	Residuals of an equilibrium model for the galaxy reveal a state of disequilibrium in the Solar Neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 3329-3344.	1.6	4
923	Core-collapse supernovae in the Dark Energy Survey: luminosity functions and host galaxy demographics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 684-701.	1.6	0
924	The SOUX AGN sample: SDSSâ€“XMM-Newton optical, ultraviolet, and X-ray selected active galactic nuclei spanning a wide range of parameter spaceâ€“ sample definition. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 2781-2805.	1.6	4
925	Astrometric and Photometric Standard Candidates for the Upcoming 4-m International Liquid Mirror Telescope Survey. <i>Journal of Astronomical Instrumentation</i> , 0, , .	0.8	0
926	When Spectral Modeling Meets Convolutional Networks: A Method for Discovering Reionization-era Lensed Quasars in Multiband Imaging Data. <i>Astrophysical Journal</i> , 2023, 943, 150.	1.6	1
927	A comparison of the baryonic Tullyâ€“Fisher relation in MaNGA and IllustrisTNG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 520, 3895-3908.	1.6	5
928	The cosmic web of X-ray active galactic nuclei seen through the eROSITA Final Equatorial Depth Survey (eFEDS). <i>Astronomy and Astrophysics</i> , 2023, 673, A122.	2.1	4
929	A spectral classification system for hydrogen-deficient carbon stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 1674-1699.	1.6	4
930	Quasar Properties from the Sloan Digital Sky Survey. III. The Quasars Obtained by the SDSS-IV. <i>Astrophysical Journal, Supplement Series</i> , 2023, 264, 52.	3.0	0
931	Deep Large Binocular Camera r-band Observations of the GOODS-N Field. <i>Publications of the Astronomical Society of the Pacific</i> , 2023, 135, 024101.	1.0	3
932	Design and evaluation of a multi-sensory representation of scientific data. <i>Frontiers in Education</i> , 0, 8, .	1.2	2
933	Discovering strongly lensed quasar candidates with catalogue-based methods from DESI Legacy Surveys. <i>Astronomy and Astrophysics</i> , 2023, 672, A123.	2.1	4
934	Galaxy Zoo: kinematics of strongly and weakly barred galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 1775-1793.	1.6	6
935	Unveiling hidden active nuclei in MaNGA star-forming galaxies with Heâ€“4686 line emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 1264-1276.	1.6	5
936	A Reinforcement Learningâ€“Based Follow-up Framework. <i>Astronomical Journal</i> , 2023, 165, 118.	1.9	0

#	ARTICLE	IF	CITATIONS
937	A Swing of the Pendulum: The Chemodynamics of the Local Stellar Halo Indicate Contributions from Several Radial Merger Events. <i>Astrophysical Journal</i> , 2023, 944, 169.	1.6	7
938	Data-driven selection and spectral classification of white dwarf stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 760-771.	1.6	4
939	Detecting Long-period Variability in the SDSS Stripe 82 Standards Catalog. <i>Astronomical Journal</i> , 2023, 165, 138.	1.9	0
940	Supernova search with active learning in ZTF DR3. <i>Astronomy and Astrophysics</i> , 2023, 672, A111.	2.1	1
941	The hubble rate trouble: an effective field theory of dark matter. <i>European Physical Journal C</i> , 2023, 83, .	1.4	3
942	Comet 108P/Cifre: The Blob. <i>Astronomical Journal</i> , 2023, 165, 150.	1.9	1
943	DAHe white dwarfs from the DESI Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 4976-4994.	1.6	7
944	A Catalog of 71 Coronal Line Galaxies in MaNGA: [Ne v] Is an Effective AGN Tracer. <i>Astrophysical Journal</i> , 2023, 945, 127.	1.6	4
945	MaNGIA: 10 000 mock galaxies for stellar population analysis. <i>Astronomy and Astrophysics</i> , 2023, 673, A23.	2.1	10
946	Firefly: A Browser-based Interactive 3D Data Visualization Tool for Millions of Data Points. <i>Astrophysical Journal, Supplement Series</i> , 2023, 265, 38.	3.0	0
947	Stellar mass, not dynamical mass nor gravitational potential, drives the mass-metallicity relationship. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 4173-4179.	1.6	4
948	Are Milky-Way-like galaxies like the Milky Way? A view from SDSS-IV/MaNGA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 521, 5810-5825.	1.6	2
949	Chemodynamical Analysis of Metal-rich High-eccentricity Stars in the Milky Way's Disk. <i>Astrophysical Journal</i> , 2023, 945, 56.	1.6	3
950	Impact of Galaxy Mergers on Stellar Population Profiles of Early-type Galaxies. <i>Astrophysical Journal</i> , 2023, 946, 41.	1.6	1
951	The Optical to Infrared Extinction Law of Magellanic Clouds Based on Red Supergiants and Classical Cepheids. <i>Astrophysical Journal</i> , 2023, 946, 43.	1.6	2
952	StarHorse results for spectroscopic surveys and <i>Gaia</i> DR3: Chrono-chemical populations in the solar vicinity, the genuine thick disk, and young alpha-rich stars. <i>Astronomy and Astrophysics</i> , 2023, 673, A155.	2.1	23
953	The Undiscovered Ultradiffuse Galaxies of the Local Group. <i>Astrophysical Journal Letters</i> , 2023, 946, L37.	3.0	3
954	The Circular Velocity Curve of the Milky Way from 5-25 kpc Using Luminous Red Giant Branch Stars. <i>Astrophysical Journal</i> , 2023, 946, 73.	1.6	13

#	ARTICLE	IF	CITATIONS
955	Unveiling the chemical fingerprint of phosphorus-rich stars. I. In the infrared region of APOGEE-2. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	0
956	Characterization of Low-mass Companions to Kepler Objects of Interest Observed with APOGEE-N. <i>Astrophysical Journal, Supplement Series</i> , 2023, 265, 50.	3.0	2
957	A declining major merger fraction with redshift in the local Universe from the largest-yet catalogue of major and minor mergers in SDSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2023, 522, 1-28.	1.6	6
958	Detection of Cosmological 21 cm Emission with the Canadian Hydrogen Intensity Mapping Experiment. <i>Astrophysical Journal</i> , 2023, 947, 16.	1.6	19
959	SDSS-IV MaNGA: The Effect of Stellar Mass and Halo Mass on the Assembly Histories of Satellite Galaxies. <i>Astrophysical Journal</i> , 2023, 947, 13.	1.6	1
960	Overview of the DESI Milky Way Survey. <i>Astrophysical Journal</i> , 2023, 947, 37.	1.6	26
961	High-velocity CP2 stars in the Galactic halo. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	0