Karen L Masters

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7586545/publications.pdf

Version: 2024-02-01

186 papers	24,727 citations	15504 65 h-index	6996 154 g-index
193 all docs	193 docs citations	193 times ranked	11580 citing authors

#	Article	IF	Citations
1	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	7.7	1,877
2	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. Astronomical Journal, 2011, 142, 72.	4.7	1,700
3	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. Astronomical Journal, 2013, 145, 10.	4.7	1,571
4	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2011, 193, 29.	7.7	1,166
5	OVERVIEW OF THE SDSS-IV MaNGA SURVEY: MAPPING NEARBY GALAXIES AT APACHE POINT OBSERVATORY. Astrophysical Journal, 2015, 798, 7.	4.5	1,119
6	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	4.7	1,100
7	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. Astrophysical Journal, Supplement Series, 2020, 249, 3.	7.7	826
8	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astrophysical Journal, Supplement Series, 2014, 211, 17.	7.7	820
9	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.	7.7	796
10	The Arecibo Legacy Fast ALFA Survey. I. Science Goals, Survey Design, and Strategy. Astronomical Journal, 2005, 130, 2598-2612.	4.7	636
11	Galaxy Zoo 1: data release of morphological classifications for nearly 900â€ƒ000 galaxiesâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 410, 166-178.	4.4	549
12	Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Cosmological implications from two decades of spectroscopic surveys at the Apache Point Observatory. Physical Review D, 2021, 103, .	4.7	527
13	The green valley is a red herring: Galaxy Zoo reveals two evolutionary pathways towards quenching of star formation in early- and late-type galaxiesâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 440, 889-907.	4.4	506
14	THE 2MASS REDSHIFT SURVEYâ€"DESCRIPTION AND DATA RELEASE. Astrophysical Journal, Supplement Series, 2012, 199, 26.	7.7	492
15	Galaxy Zoo 2: detailed morphological classifications for 304Â122 galaxies from the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2835-2860.	4.4	439
16	TheSpitzerSurvey of Stellar Structure in Galaxies. Publications of the Astronomical Society of the Pacific, 2010, 122, 1397-1414.	3.1	426
17	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. Astrophysical Journal, Supplement Series, 2017, 233, 25.	7.7	406
18	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. Astrophysical Journal, Supplement Series, 2022, 259, 35.	7.7	405

#	Article	IF	Citations
19	SDSS-III Baryon Oscillation Spectroscopic Survey Data Release 12: galaxy target selection and large-scale structure catalogues. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1553-1573.	4.4	335
20	THE DATA REDUCTION PIPELINE FOR THE SDSS-IV MaNGA IFU GALAXY SURVEY. Astronomical Journal, 2016, 152, 83.	4.7	323
21	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.	7.7	299
22	The SDSS-IV MaNGA Sample: Design, Optimization, and Usage Considerations. Astronomical Journal, 2017, 154, 86.	4.7	277
23	SDSS-IV MaNGA IFS GALAXY SURVEYâ€"SURVEY DESIGN, EXECUTION, AND INITIAL DATA QUALITY. Astronomical Journal, 2016, 152, 197.	4.7	266
24	SDSS IV MaNGA â€“ spatially resolved diagnostic diagrams: a proof that many galaxies are LIERs. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3111-3134.	4.4	251
25	Galaxy Zoo: bars in disc galaxiesâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 411, 2026-2034.	4.4	227
26	The Data Analysis Pipeline for the SDSS-IV MaNGA IFU Galaxy Survey: Overview. Astronomical Journal, 2019, 158, 231.	4.7	209
27	SFI++. II. A New I â€Band Tullyâ€Fisher Catalog, Derivation of Peculiar Velocities, and Data Set Properties. Astrophysical Journal, Supplement Series, 2007, 172, 599-614.	7.7	198
28	Groups of Galaxies in the Two Micron All Sky Redshift Survey. Astrophysical Journal, 2007, 655, 790-813.	4.5	193
29	GALAXY ZOO: THE FUNDAMENTALLY DIFFERENT CO-EVOLUTION OF SUPERMASSIVE BLACK HOLES AND THEIR EARLY- AND LATE-TYPE HOST GALAXIES. Astrophysical Journal, 2010, 711, 284-302.	4.5	171
30	Stellar masses of SDSS-III/BOSS galaxies at z â^¼ 0.5 and constraints to galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2764-2792.	4.4	164
31	Ameliorating systematic uncertainties in the angular clustering of galaxies: a study using the SDSS-III. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1350-1373.	4.4	155
32	Suppressing star formation in quiescent galaxies with supermassive black hole winds. Nature, 2016, 533, 504-508.	27.8	153
33	SFI++I: A Newâ€Band Tullyâ€Fisher Template, the Cluster Peculiar Velocity Dispersion, andH0. Astrophysical Journal, 2006, 653, 861-880.	4.5	131
34	The Arecibo Legacy Fast ALFA Survey. III. HiSource Catalog of the Northern Virgo Cluster Region. Astronomical Journal, 2007, 133, 2569-2583.	4.7	131
35	Local gravity versus local velocity: solutions for Î² and non-linear bias. Monthly Notices of the Royal Astronomical Society, 2011, 413, 2906-2922.	4.4	130
36	Galaxy Zoo: passive red spirals. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	125

#	Article	IF	Citations
37	Galaxy Zoo and ALFALFA: atomic gas and the regulation of star formation in barred disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2180-2192.	4.4	125
38	GALAXY ZOO: OBSERVING SECULAR EVOLUTION THROUGH BARS. Astrophysical Journal, 2013, 779, 162.	4.5	122
39	Galaxy Zoo: dust in spiral galaxiesâ˜.... Monthly Notices of the Royal Astronomical Society, 0, 404, 792-810.	4.4	121
40	Defining and Measuring Success in Online Citizen Science: A Case Study of Zooniverse Projects. Computing in Science and Engineering, 2015, 17, 28-41.	1.2	120
41	Marvin: A Tool Kit for Streamlined Access and Visualization of the SDSS-IV MaNGA Data Set. Astronomical Journal, 2019, 158, 74.	4.7	120
42	A precise extragalactic test of General Relativity. Science, 2018, 360, 1342-1346.	12.6	115
43	Galaxy Zoo: evidence for diverse star formation histories through the green valley. Monthly Notices of the Royal Astronomical Society, 2015, 450, 435-453.	4.4	110
44	SDSS IV MaNGA â€“ sSFR profiles and the slow quenching of discs in green valley galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3014-3029.	4.4	110
45	SDSS-IV MaNGA: Spatially resolved star formation histories in galaxies as a function of galaxy mass and type. Monthly Notices of the Royal Astronomical Society, 0, , stw3371.	4.4	109
46	Galaxy Zoo: the environmental dependence of bars and bulges in disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1485-1502.	4.4	101
47	Radio Galaxy Zoo: host galaxies and radio morphologies derived from visual inspection. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2327-2341.	4.4	93
48	SDSS-IV MaNGA: environmental dependence of stellar age and metallicity gradients in nearby galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4572-4588.	4.4	92
49	Galaxy Zoo: an independent look at the evolution of the bar fraction over the last eight billion years from HST-COSMOSâ˜.... Monthly Notices of the Royal Astronomical Society, 2014, 438, 2882-2897.	4.4	91
50	SDSS-IV MaNGA â€“ the spatially resolved transition from star formation to quiescence. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2570-2589.	4.4	85
51	SDSS-IV MaNGA: evidence of the importance of AGN feedback in low-mass galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 476, 979-998.	4.4	85
52	2MTF. I. THE TULLY-FISHER RELATION IN THE TWO MICRON ALL SKY SURVEYJ,H, ANDKBANDS. Astronomical Journal, 2008, 135, 1738-1748.	4.7	83
53	Galaxy Zoo: comparing the demographics of spiral arm number and a new method for correcting redshift bias. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3663-3682.	4.4	83
54	Galaxy Zoo: probabilistic morphology through Bayesian CNNs and active learning. Monthly Notices of the Royal Astronomical Society, 2020, 491, 1554-1574.	4.4	78

#	Article	IF	Citations
55	The Arecibo Legacy Fast ALFA Survey. II. Results of Precursor Observations. Astronomical Journal, 2005, 130, 2613-2624.	4.7	76
56	P-MaNGA Galaxies: emission-lines properties â€“ gas ionization and chemical abundances from prototype observations. Monthly Notices of the Royal Astronomical Society, 2015, 449, 867-900.	4.4	75
57	MID-INFRARED GALAXY MORPHOLOGY FROM THE SPITZER SURVEY OF STELLAR STRUCTURE IN GALAXIES (S ⁴ G): THE IMPRINT OF THE DE VAUCOULEURS REVISED HUBBLE-SANDAGE CLASSIFICATION SYSTEM AT 3.6 Î¼m. Astrophysical Journal, Supplement Series, 2010, 190, 147-165.	7.7	74
58	GRAND DESIGN AND FLOCCULENT SPIRALS IN THESPITZERSURVEY OF STELLAR STRUCTURE IN GALAXIES (S⁴G). Astrophysical Journal, 2011, 737, 32.	4.5	74
59	Galaxy Zoo: bar lengths in local disc galaxiesâ˜…. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3627-3640.	4.4	74
60	P-MaNGA: full spectral fitting and stellar population maps from prototype observations. Monthly Notices of the Royal Astronomical Society, 2015, 449, 328-360.	4.4	74
61	Internal Extinction in Spiral Galaxies in the Near-Infrared. Astronomical Journal, 2003, 126, 158-174.	4.7	73
62	Galaxy Zoo: secular evolution of barred galaxies from structural decomposition of multiband images. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4731-4753.	4.4	71
63	Galaxy Zoo: CANDELS barred discs and bar fractionsâ˜…. Monthly Notices of the Royal Astronomical Society, 2014, 445, 3466-3474.	4.4	70
64	Galaxy Zoo: quantitative visual morphological classifications for 48Â000 galaxies from CANDELS. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4420-4447.	4.4	70
65	SDSS-IV MaNGA: stellar population gradients as a function of galaxy environment. Monthly Notices of the Royal Astronomical Society, 2017, 465, 688-700.	4.4	69
66	Galaxy Zoo DECaLS: Detailed visual morphology measurements from volunteers and deep learning for 314â€‰000 galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3966-3988.	4.4	68
67	The different star formation histories of blue and red spiral and elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 359-373.	4.4	67
68	P-MaNGA: GRADIENTS IN RECENT STAR FORMATION HISTORIES AS DIAGNOSTICS FOR GALAXY GROWTH AND DEATH. Astrophysical Journal, 2015, 804, 125.	4.5	65
69	Galaxy Zoo: bulgeless galaxies with growing black holes. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2199-2211.	4.4	64
70	The morphology of galaxies in the Baryon Oscillation Spectroscopic Survey. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1055-1070.	4.4	61
71	Galaxy Zoo: the dependence of the star formationâ€“stellar mass relation on spiral disc morphology. Monthly Notices of the Royal Astronomical Society, 2015, 449, 820-827.	4.4	59
72	Galaxy Zoo: the effect of bar-driven fuelling on the presence of an active galactic nucleus in disc galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3442-3454.	4.4	59

#	Article	IF	Citations
73	SDSS-IV MaNGA: properties of galaxies with kinematically decoupled stellar and gaseous components. Monthly Notices of the Royal Astronomical Society, 2016, 463, 913-926.	4.4	59
74	2MTF â€“ VI. Measuring the velocity power spectrum. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3135-3151.	4.4	57
75	Galaxy Zoo: building the low-mass end of the red sequence with local post-starburst galaxiesâ˜…. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1684-1692.	4.4	56
76	Low Metallicities and Old Ages for Three Ultra-diffuse Galaxies in the Coma Cluster. Astrophysical Journal, 2018, 859, 37.	4.5	56
77	THE ADVANCED CAMERA FOR SURVEYS FORNAX CLUSTER SURVEY. VII. HALF-LIGHT RADII OF GLOBULAR CLUSTERS IN EARLY-TYPE GALAXIES. Astrophysical Journal, 2010, 715, 1419-1437.	4.5	55
78	Galaxy Zoo: quantifying morphological indicators of galaxy interactionâ˜…. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1051-1065.	4.4	53
79	Galaxy Zoo: dust and molecular gas in early-type galaxies with prominent dust lanesâ˜…. Monthly Notices of the Royal Astronomical Society, 2012, 423, 49-58.	4.4	52
80	Galaxy Zoo: morphological classifications for 120Â000 galaxies inHSTlegacy imaging. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4176-4203.	4.4	51
81	Galaxy Zoo: Are bars responsible for the feeding of active galactic nuclei at 0.2Â<ÂzÂ<Â1.0?â˜…. Monthly Notices of the Royal Astronomical Society, 2015, 447, 506-516.	4.4	49
82	The Correlation between Halo Mass and Stellar Mass for the Most Massive Galaxies in the Universe. Astrophysical Journal, 2017, 839, 121.	4.5	48
83	SDSS-IV MaNGA: the spatial distribution of star formation and its dependence on mass, structure, and environment. Monthly Notices of the Royal Astronomical Society, 2018, 476, 580-600.	4.4	48
84	SDSS-IV MaNGA-resolved Star Formation and Molecular Gas Properties of Green Valley Galaxies: A First Look with ALMA and MaNGA. Astrophysical Journal, 2017, 851, 18.	4.5	47
85	SDSS-IV MaNGA: pattern speeds of barred galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1733-1756.	4.4	45
86	Galaxy Zoo and sparcfire: constraints on spiral arm formation mechanisms from spiral arm number and pitch angles. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2263-2279.	4.4	44
87	Hâ€‰i-MaNGA: Hâ€‰i follow-up for the MaNGA survey. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3396-3405.	4.4	44
88	Integrating human and machine intelligence in galaxy morphology classification tasks. Monthly Notices of the Royal Astronomical Society, 2018, 476, 5516-5534.	4.4	43
89	Science learning via participation in online citizen science. Journal of Science Communication, 2016, 15, A07.	0.8	42
90	2MTF â€“ IV. A bulk flow measurement of the local Universe. Monthly Notices of the Royal Astronomical Society, 2014, 445, 402-413.	4.4	41

#	Article	IF	Citations
91	Galaxy Zoo: the interplay of quenching mechanisms in the group environmentâ˜…. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3670-3687.	4.4	41
92	Doing Good Online: The Changing Relationships Between Motivations, Activity, and Retention Among Online Volunteers. Nonprofit and Voluntary Sector Quarterly, 2018, 47, 1031-1056.	1.9	37
93	ALMaQUEST. IV. The ALMA-MaNGA QUEnching and STar Formation (ALMaQUEST) Survey. Astrophysical Journal, 2020, 903, 145.	4.5	37
94	HIghMass-HIGH H I MASS, H I-RICH GALAXIES ATzâ¼ 0 SAMPLE DEFINITION, OPTICAL AND HÎ± IMAGING, AND STAR FORMATION PROPERTIES. Astrophysical Journal, 2014, 793, 40.	4.5	36
95	REDSHIFT EVOLUTION OF THE DYNAMICAL PROPERTIES OF MASSIVE GALAXIES FROM SDSS-III/BOSS. Astrophysical Journal, 2014, 789, 92.	4.5	34
96	Hâ€‰<scp>i</scp>-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.	4.4	34
97	2MTF III. Hâ€‰i 21Âcm observations of 1194 spiral galaxies with the Green Bank Telescope. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1044-1056.	4.4	33
98	The progenitors of present-day massive red galaxies up to zâ€‚â‰ˆ 0.7 - finding passive galaxies using SDSS-I/II and SDSS-III. Monthly Notices of the Royal Astronomical Society, 2012, 424, 136-156.	4.4	32
99	2MTF â€“ V. Cosmography, Î², and the residual bulk flow. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1886-1900.	4.4	31
100	SDSS-IV MaNGA: faint quenched galaxies â€“ I. Sample selection and evidence for environmental quenching. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3955-3978.	4.4	30
101	JINGLE, a JCMT legacy survey of dust and gas for galaxy evolution studies â€“ I. Survey overview and first results. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3497-3519.	4.4	30
102	Galaxy Zoo: unwinding the winding problem â€“ observations of spiral bulge prominence and arm pitch angles suggest local spiral galaxies are winding. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1808-1820.	4.4	30
103	Galaxy Zoo: A Catalog of Overlapping Galaxy Pairs for Dust Studies. Publications of the Astronomical Society of the Pacific, 2013, 125, 2-16.	3.1	29
104	Galaxy Zoo: evidence for rapid, recent quenching within a population of AGN host galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2986-2996.	4.4	29
105	Outflows in star-forming galaxies: Stacking analyses of resolved winds and the relation to their hostsâ€™ properties. Monthly Notices of the Royal Astronomical Society, 2020, 493, 3081-3097.	4.4	29
106	SDSS-IV MaNGA: Probing the Kinematic Morphologyâ€“Density Relation of Early-type Galaxies with MaNGA. Astrophysical Journal Letters, 2017, 851, L33.	8.3	28
107	Spirals in Galaxies. Annual Review of Astronomy and Astrophysics, 2022, 60, 73-120.	24.3	28
108	WISETF: A MID-INFRARED, 3.4 Î¼m EXTENSION OF THE TULLY-FISHER RELATION USINGWISEPHOTOMETRY. Astrophysical Journal, 2013, 771, 88.	4.5	27

#	Article	IF	Citations
109	SDSS-IV MaNGA: the different quenching histories of fast and slow rotators. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2679-2687.	4.4	27
110	SDSS-IV MaNGA: stellar population gradients within barred galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L6-L11.	3.3	27
111	SDSS IV MaNGA: Dependence of Global and Spatially Resolved SFRâ€“M_{â^—} Relations on Galaxy Properties. Astrophysical Journal, 2018, 854, 159.	4.5	26
112	A direct test of density wave theory in a grand-design spiral galaxy. Nature Astronomy, 2019, 3, 178-182.	10.1	26
113	SDSS-IV MaNGA: spatially resolved star formation in barred galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4158-4169.	4.4	26
114	The Impact of Distance Uncertainties on Local Luminosity and Mass Functions. Astrophysical Journal, 2004, 607, L115-L118.	4.5	25
115	The fraction of early-type galaxies in low-redshift groups and clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3478-3485.	4.4	25
116	The Hâ€‰<scp>i</scp> morphology and stellar properties of strongly barred galaxies: support for bar quenching in massive spirals. Monthly Notices of the Royal Astronomical Society, 2020, 492, 4697-4715.	4.4	24
117	Galaxy zoo: stronger bars facilitate quenching in star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4389-4408.	4.4	24
118	2MTF â€“ II. New Parkes 21-cm observations of 303 southern galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1178-1188.	4.4	23
119	SDSS-IV MaNGA: Uncovering the Angular Momentum Content of Central and Satellite Early-type Galaxies. Astrophysical Journal, 2018, 852, 36.	4.5	23
120	Playing with science. Aslib Journal of Information Management, 2016, 68, 306-325.	2.1	22
121	Galaxy Zoo: finding offset discs and bars in SDSS galaxiesâ˜…. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3363-3373.	4.4	22
122	Galaxy Zoo. Chapman & Hall/CRC Data Mining and Knowledge Discovery Series, 2012, , .	0.2	22
123	Galaxy Zoo: star formation versus spiral arm number. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1850-1863.	4.4	21
124	SDSS-IV MaNGA: the indispensable role of bars in enhancing the central star formation of low-z galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1406-1423.	4.4	21
125	Galaxy Zoo: Morphological Classification of Galaxy Images from the Illustris Simulation. Astrophysical Journal, 2018, 853, 194.	4.5	20
126	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.	4.4	20

#	Article	IF	Citations
127	Milky Way analogues in MaNGA: multiparameter homogeneity and comparison to the Milky Way. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3672-3701.	4.4	20
128	H I CONTENT AND OPTICAL PROPERTIES OF FIELD GALAXIES FROM THE ALFALFA SURVEY. I. SELECTION OF A CONTROL SAMPLE. Astrophysical Journal, 2011, 732, 92.	4.5	19
129	HIghMassâ€"HIGH H I MASS, H I-RICH GALAXIES ATzâ¼ 0 HIGH-RESOLUTION VLA IMAGING OF UGC 9037 AND UGC 12506. Astronomical Journal, 2014, 148, 69.	4.7	19
130	Detecting Radio AGN Signatures in Red Geysers. Astrophysical Journal, 2018, 869, 117.	4.5	19
131	SDSS-IV MaNGA: spatially resolved dust attenuation in spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2305-2320.	4.4	18
132	2MTF â€“ VII. 2MASS Tullyâ€“Fisher survey final data release: distances for 2062 nearby spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2061-2069.	4.4	17
133	Twelve years of Galaxy Zoo. Proceedings of the International Astronomical Union, 2019, 14, 205-212.	0.0	16
134	Kiloparsec-scale AGN outflows and feedback in merger-free galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3985-3997.	4.4	16
135	Galaxy Zoo: constraining the origin of spiral arms. Monthly Notices of the Royal Astronomical Society, 2018, 478, 932-949.	4.4	15
136	Practical galaxy morphology tools from deep supervised representation learning. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1581-1599.	4.4	15
137	The Milky Way tomography with APOGEE: intrinsic density distribution and structure of mono-abundance populations. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4130-4151.	4.4	15
138	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.	4.4	14
139	Galaxy Zoo Builder: Four-component Photometric Decomposition of Spiral Galaxies Guided by Citizen Science. Astrophysical Journal, 2020, 900, 178.	4.5	14
140	Asking gender questions. Astronomy and Geophysics, 2014, 55, 6.8-6.12.	0.2	13
141	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.	4.4	12
142	SDSS-IV MaNGA: Understanding Ionized Gas Turbulence Using Integral Field Spectroscopy of 4500 Star-forming Disk Galaxies. Astrophysical Journal, 2022, 928, 58.	4.5	12
143	Galactic conformity in both star formation and morphological properties. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2722-2730.	4.4	11
144	The Effect of Bars on the Ionized ISM: Optical Emission Lines from Milky Way Analogs. Astrophysical Journal, 2020, 898, 116.	4.5	11

#	Article	IF	Citations
145	Geometrical tests of cosmological models. Astronomy and Astrophysics, 2008, 478, 57-69.	5.1	10
146	SDSS-IV MaNGA: A SERENDIPITOUS OBSERVATION OF A POTENTIAL GAS ACCRETION EVENT. Astrophysical Journal, 2016, 832, 182.	4.5	10
147	HIGHMASSâ€"HIGH H iÂMASS, H i-RICH GALAXIES AT ZÂâ¼Â0: COMBINED H iÂAND H₂ OBSERVATIONS. Astronomical Journal, 2016, 152, 225.	4.7	10
148	SDSS IV MaNGA: Discovery of an HÎ± Blob Associated with a Dry Galaxy Pairâ€"Ejected Gas or a â€œDarkâ€• Galaxy Candidate?. Astrophysical Journal, 2017, 837, 32.	4.5	10
149	Galaxy zoo builder: Morphological dependence of spiral galaxy pitch angle. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3364-3374.	4.4	10
150	Galaxy Zoo: 3D â€“ crowdsourced bar, spiral, and foreground star masks for MaNGA target galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3923-3935.	4.4	10
151	Observations of the initial formation and evolution of spiral galaxies at 1 < z < 3 in the CANDELS fields. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1502-1517.	4.4	10
152	SYNMAG PHOTOMETRY: A FAST TOOL FOR CATALOG-LEVEL MATCHED COLORS OF EXTENDED SOURCES. Astronomical Journal, 2012, 144, 188.	4.7	9
153	STELLAR POPULATIONS OF BARRED QUIESCENT GALAXIES. Astrophysical Journal, 2015, 807, 36.	4.5	9
154	Tactile Universe makes outreach feel good. Astronomy and Geophysics, 2018, 59, 1.30-1.33.	0.2	9
155	Radio Morphology of Red Geysers. Astrophysical Journal, 2021, 922, 230.	4.5	8
156	Misalignment between cold gas and stellar components in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 447, 3311-3321.	4.4	7
157	SDSS-IV MaNGA: constraints on the conditions for star formation in galaxy discs. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2323-2333.	4.4	7
158	Getting Connected: An Empirical Investigation of the Relationship Between Social Capital and Philanthropy Among Online Volunteers. Nonprofit and Voluntary Sector Quarterly, 2019, 48, 151S-173S.	1.9	7
159	Buckling Bars in Nearly Face-on Galaxies Observed with MaNGA. Astrophysical Journal, 2021, 909, 125.	4.5	7
160	Doing Good Online: An Investigation into the Characteristics and Motivations of Digital Volunteers. SSRN Electronic Journal, 2015, , .	0.4	6
161	TheXMMCluster Survey: the halo occupation number of BOSS galaxies in X-ray clusters. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1929-1943.	4.4	6
162	Signatures of the Galactic bar on stellar kinematics unveiled by APOGEE. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1231-1243.	4.4	6

#	Article	IF	Citations
163	Constraining the Milky Wayâ€™s ultraviolet-to-infrared SED with Gaussian process regression. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4459-4483.	4.4	6
164	L-band Calibration of the Green Bank Telescope from 2016â€“2019. Research Notes of the AAS, 2020, 4, 3.	0.7	6
165	Gems of the Galaxy Zoosâ€”A Wide-ranging Hubble Space Telescope Gap-filler Program*. Astronomical Journal, 2022, 163, 150.	4.7	6
166	Geometrical tests of cosmological models. Astronomy and Astrophysics, 2008, 478, 43-55.	5.1	5
167	Quantifying the poor purity and completeness of morphological samples selected by galaxy colour. Monthly Notices of the Royal Astronomical Society, 2022, 510, 4126-4133.	4.4	5
168	Photometric Signature of Ultraharmonic Resonances in Barred Galaxies. Astrophysical Journal, 2022, 929, 112.	4.5	5
169	SDSS-IV MaNGA: How the Stellar Populations of Passive Central Galaxies Depend on Stellar and Halo Mass. Astrophysical Journal, 2022, 933, 88.	4.5	5
170	Geometrical tests of cosmological models. Astronomy and Astrophysics, 2008, 478, 71-81.	5.1	4
171	The ALFA Zone of Avoidance Survey. AIP Conference Proceedings, 2008, , .	0.4	2
172	SDSS-IV/MaNGA: Can Impulsive Gaseous Inflows Explain Steep Oxygen Abundance Profiles and Anomalously Low-Metallicity Regions?. Astrophysical Journal, 2021, 908, 165.	4.5	2
173	Galaxy Zoo: Outreach and Science Hand in Hand. Proceedings of the International Astronomical Union, 2012, 10, 689-691.	0.0	1
174	Morphology in the era of large surveys. Astronomy and Geophysics, 2013, 54, 5.16-5.19.	0.2	1
175	Testing Algorithms for Identifying Source Confusion in the Hâ€‰i-MaNGA Survey. Research Notes of the AAS, 2022, 6, 1.	0.7	1
176	The ALFA Zone of Avoidance Survey: Results from the Precursor Observations. Proceedings of the International Astronomical Union, 2007, 3, 383-384.	0.0	0
177	The Local Velocity Field. AIP Conference Proceedings, 2008, , .	0.4	0
178	Black Hole Growth and Host Galaxy Morphology. Proceedings of the International Astronomical Union, 2009, 5, 438-441.	0.0	0
179	Testing gravity in gas-rich galaxies. Physics Magazine, 2011, 4, .	0.1	0
180	A Zoo of Galaxies. Proceedings of the International Astronomical Union, 2012, 10, 1-15.	0.0	0

#	Article	IF	Citations
181	Revealing galactic scale bars with the help of Galaxy Zoo. Proceedings of the International Astronomical Union, 2012, 10, 324-324.	0.0	0
182	Women of the future in the RAS. Astronomy and Geophysics, 2016, 57, 6.19-6.20.	0.2	0
183	Exploring the legacy of big stargazing events. Astronomy and Geophysics, 2018, 59, 6.38-6.40.	0.2	0
184	SNITCH: seeking a simple, informative star formation history inference tool. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3590-3603.	4.4	0
185	Properties of barred galaxies in the MaNGA galaxy survey. Proceedings of the International Astronomical Union, 2019, 14, 226-230.	0.0	0
186	Citizen Science in Astronomy Education. , 0, , 8-1-8-24.		0