Geraint F Lewis

List of Publications by Year
in descending order

427 papers	21,004 citations	10070 75 h-index	18944 123 g-index
436 all docs	436 docs citations	436 times ranked	9091 citing authors

#	Article	IF	Citations
1	Multiwavelength optical and NIR variability analysis of the Blazar PKSÂ0027-426. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3145-3177.	1.6	2
2	From the Fire: A Deeper Look at the Phoenix Stream. Astrophysical Journal, 2022, 925, 118.	1.6	8
3	Metallicity distribution of the progenitor of the Giant Stellar Stream in the Andromeda Galaxy. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2868-2879.	1.6	8
4	The K2 Galactic Archaeology Program Data Release 3: Age-abundance Patterns in C1â€“C8 and C10â€“C18. Astrophysical Journal, 2022, 926, 191.	1.6	19
5	S ⁵: The Orbital and Chemical Properties of One Dozen Stellar Streams. Astrophysical Journal, 2022, 928, 30.	1.6	43
6	Combined APOGEE-GALAH stellar catalogues using the Cannon. Monthly Notices of the Royal Astronomical Society, 2022, 513, 232-255.	1.6	9
7	The GALAH Survey: chemical tagging and chrono-chemodynamics of accreted halo stars with GALAH+ DR3 and Gaia eDR3. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2407-2436.	1.6	44
8	The GALAH Survey: A New Sample of Extremely Metal-poor Stars Using a Machine-learning Classification Algorithm. Astrophysical Journal, 2022, 930, 47.	1.6	5
9	The Dark Energy Survey supernova program: cosmological biases from supernova photometric classification. Monthly Notices of the Royal Astronomical Society, 2022, 518, 1106-1127.	1.6	7
10	The dark energy survey 5-yr photometrically identified type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5159-5177.	1.6	8
11	Velocity dispersions of clusters in the Dark Energy Survey Y3 redMaPPer catalogue. Monthly Notices of the Royal Astronomical Society, 2022, 514, 4696-4717.	1.6	3
12	The PAndAS View of the Andromeda Satellite System. III. Dwarf Galaxy Detection Limits. Astrophysical Journal, 2022, 933, 135.	1.6	5
13	Solo dwarfs II: the stellar structure of isolated Local Group dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 503, 176-199.	1.6	14
14	The one-way speed of light and the Milne universe. Publications of the Astronomical Society of Australia, 2021, 38, .	1.3	2
15	The GALAH survey: tracing the Galactic disc with open clusters. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3279-3296.	1.6	63
16	The dynamics of the globular cluster NGCÂ3201 out to the Jacobi radius. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4513-4525.	1.6	20
17	Broken into Pieces: ATLAS and Aliqa Uma as One Single Stream. Astrophysical Journal, 2021, 911, 149.	1.6	46
18	The GALAH Survey: using galactic archaeology to refine our knowledge of TESS target stars. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4968-4989.	1.6	9

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19	The first Hubble diagram and cosmological constraints using superluminous supernovae. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2535-2549.	1.6	18
20	Big Bang Nucleosynthesis Initial Conditions: Revisiting Wagoner et al. (1967). Research Notes of the AAS, 2021, 5, 106.	0.3	0
21	Understanding the extreme luminosity of DES14X2fna. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3950-3967.	1.6	4
22	The Pristine Inner Galaxy Survey (PIGS) III: carbon-enhanced metal-poor stars in the bulge. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1239-1253.	1.6	20
23	The GALAH+ survey: Third data release. Monthly Notices of the Royal Astronomical Society, 2021, 506, 150-201.	1.6	293
24	The Dark Energy Survey supernova programme: modelling selection efficiency and observed core-collapse supernova contamination. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2819-2839.	1.6	17
25	The GALAH Survey: No Chemical Evidence of an Extragalactic Origin for the Nyx Stream. Astrophysical Journal Letters, 2021, 912, L30.	3.0	7
26	The GALAH survey and symbiotic stars â€“ I. Discovery and follow-up of 33 candidate accreting-only systems. Monthly Notices of the Royal Astronomical Society, 2021, 505, 6121-6154.	1.6	16
27	Fundamental relations for the velocity dispersion of stars in the Milky Way. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1761-1776.	1.6	35
28	The GALAH survey: Chemical homogeneity of the Orion complex. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4232-4250.	1.6	11
29	The GALAH survey: accreted stars also inhabit the Spite plateau. Monthly Notices of the Royal Astronomical Society, 2021, 507, 43-54.	1.6	11
30	S ⁵: The Destruction of a Bright Dwarf Galaxy as Revealed by the Chemistry of the Indus Stellar Stream. Astrophysical Journal, 2021, 915, 103.	1.6	8
31	OzDES Reverberation Mapping Programme: the first Mgâ€‰<scp>ii</scp> lags from 5 yr of monitoring. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3771-3788.	1.6	24
32	The GALAH survey: effective temperature calibration from the InfraRed Flux Method in the Gaia system. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2684-2696.	1.6	46
33	Exploring the redshift-space peculiar velocity field and its power spectrum. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 018.	1.9	9
34	Mapping the tilt of the Milky Way bulge velocity ellipsoids with ARGOS and Gaia DR2. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1740-1752.	1.6	8
35	Solo dwarfs â€“ III. Exploring the orbital origins of isolated Local Group galaxies with Gaia Data Release 2. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2363-2377.	1.6	15
36	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

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37	Kinematics of Antlia 2 and Crater 2 from the Southern Stellar Stream Spectroscopic Survey (S) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.6	42
38	Signature of a Massive Rotating Metal-poor Star Imprinted in the Phoenix Stellar Stream*. Astrophysical Journal, 2021, 921, 67.	1.6	3
39	The GALAH Survey: improving our understanding of confirmed and candidate planetary systems with large stellar surveys. Monthly Notices of the Royal Astronomical Society, 2021, 510, 2041-2060.	1.6	3
40	Mapping the cosmic mass distribution with stacked weak gravitational lensing and Doppler lensing. Monthly Notices of the Royal Astronomical Society, 2021, 509, 5142-5154.	1.6	3
41	The GALAH Survey: dependence of elemental abundances on age and metallicity for stars in the Galactic disc. Monthly Notices of the Royal Astronomical Society, 2021, 510, 734-752.	1.6	17
42	Under an iron sky: On the entropy at the start of the Universe. Publications of the Astronomical Society of Australia, 2021, 38, .	1.3	1
43	Extracting the Galactic Center excessâ€™ source-count distribution with neural nets. Physical Review D, 2021, 104, .	1.6	12
44	Measuring the Mass of the Large Magellanic Cloud with Stellar Streams Observed by S ⁵. Astrophysical Journal, 2021, 923, 149.	1.6	44
45	The globular cluster population of NGC 1052-DF2: evidence for rotation. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 491, L1-L5.	1.2	13
46	The Pristine Inner Galaxy Survey (PIGS) I: tracing the kinematics of metal-poor stars in the Galactic bulge. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 491, L11-L16.	1.2	40
47	Discovery of a nearby 1700ÂkmÂsâ^'1 star ejected from the Milky Way by SgrÂA*. Monthly Notices of the Royal Astronomical Society, 2020, 491, 2465-2480.	1.6	73
48	The GALAH survey: temporal chemical enrichment of the galactic disc. Monthly Notices of the Royal Astronomical Society, 2020, 491, 2043-2056.	1.6	21
49	Microlensing and photon bunching: the impact of decoherence. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5789-5792.	1.6	0
50	A geometric probe of cosmology â€“ I. Gravitational lensing time delays and quasar reverberation mapping. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1102-1109.	1.6	2
51	Gravitational microlensing time delays at high optical depth: image parities and the temporal properties of fast radio bursts. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1583-1589.	1.6	5
52	K2-HERMES II. Planet-candidate properties from K2 Campaigns 1-13. Monthly Notices of the Royal Astronomical Society, 2020, 496, 851-863.	1.6	7
53	Supernova host galaxies in the dark energy survey: I. Deep coadds, photometry, and stellar masses. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4040-4060.	1.6	30
54	First cosmology results using type Ia supernovae from the Dark Energy Survey: the effect of host galaxy properties on supernova luminosity. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4426-4447.	1.6	63

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55	The tidal remnant of an unusually metal-poor globular cluster. Nature, 2020, 583, 768-770.	13.7	41
56	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. Monthly Notices of the Royal Astronomical Society, 2020, 496, 19-35.	1.6	43
57	Galactic Center Excess in a New Light: Disentangling the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math> -Ray Sky with Bayesian Graph Convolutional Neural Networks. Physical Review Letters, 2020, 125, 241102.	2.9	23
58	The Pristine Inner Galaxy Survey (PIGS) II: Uncovering the most metal-poor populations in the inner Milky Way. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4964-4978.	1.6	34
59	The host galaxies of 106 rapidly evolving transients discovered by the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2575-2593.	1.6	24
60	The SAMI galaxy survey: gas velocity dispersions in low-z star-forming galaxies and the drivers of turbulence. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2265-2284.	1.6	24
61	The GALAH survey: a new constraint on cosmological lithium and Galactic lithium evolution from warm dwarf stars. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 497, L30-L34.	1.2	20
62	The mystery of photometric twins DES17X1boj and DES16E2bjy. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5576-5589.	1.6	5
63	Studying Type II supernovae as cosmological standard candles using the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4860-4892.	1.6	12
64	DES16C3cje: A low-luminosity, long-lived supernova. Monthly Notices of the Royal Astronomical Society, 2020, 496, 95-110.	1.6	8
65	A unified framework for 21 cm tomography sample generation and parameter inference with progressively growing GANs. Monthly Notices of the Royal Astronomical Society, 2020, 493, 5913-5927.	1.6	18
66	The GALAH Survey: Chemically tagging the Fimbulthul stream to the globular cluster ï‰ Centauri. Monthly Notices of the Royal Astronomical Society, 2020, 491, 3374-3384.	1.6	15
67	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. Astrophysical Journal, Supplement Series, 2020, 246, 16.	3.0	33
68	A SkyMapper view of the Large Magellanic Cloud: the dynamics of stellar populations. Monthly Notices of the Royal Astronomical Society, 2020, 492, 782-795.	1.6	23
69	Cosmological signatures of dark sector physics: the evolution of haloes and spin alignment. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2369-2382.	1.6	4
70	On the origin of the asymmetric dwarf galaxy distribution around andromeda. Monthly Notices of the Royal Astronomical Society, 2020, 492, 456-467.	1.6	5
71	The GALAH Survey: non-LTE departure coefficients for large spectroscopic surveys. Astronomy and Astrophysics, 2020, 642, A62.	2.1	55
72	The GALAH survey: characterization of emission-line stars with spectral modelling using autoencoders. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4849-4865.	1.6	7

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73	The Southern Stellar Stream Spectroscopic Survey (S⁵): Chemical Abundances of Seven Stellar Streams. Astronomical Journal, 2020, 160, 181.	1.9	53
74	First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy. Astronomical Journal, 2020, 160, 267.	1.9	27
75	Abundances in the Milky Way across Five Nucleosynthetic Channels from 4 Million LAMOST Stars. Astrophysical Journal, 2020, 898, 58.	1.6	28
76	Supernova Siblings: Assessing the Consistency of Properties of Type Ia Supernovae that Share the Same Parent Galaxies. Astrophysical Journal Letters, 2020, 896, L13.	3.0	19
77	Lux Ex Tenebris: The Imprint of Annihilating Dark Matter on the Intergalactic Medium during Cosmic Dawn. Astrophysical Journal, 2020, 904, 153.	1.6	3
78	A dwarf disrupting â€“ Andromeda XXVII and the North West Stream. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2905-2917.	1.6	3
79	A black box for dark sector physics: predicting dark matter annihilation feedback with conditional GANs. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3134-3143.	1.6	9
80	Comparing the Quenching Times of Faint M31 and Milky Way Satellite Galaxies. Astrophysical Journal Letters, 2019, 885, L8.	3.0	30
81	The southern stellar stream spectroscopic survey (S5): Overview, target selection, data reduction, validation, and early science. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3508-3531.	1.6	68
82	A rogues gallery of Andromedaâ€™s dwarf galaxies â€“ II. Precise distances to 17 faint satellites. Monthly Notices of the Royal Astronomical Society, 2019, 489, 763-770.	1.6	19
83	A novel scheme for Dark Matter Annihilation Feedback in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4217-4232.	1.6	4
84	Is there a cosmological basis for $$E=mc^2$$?. General Relativity and Gravitation, 2019, 51, 1.	0.7	1
85	The GALAH survey and Gaia DR2: Linking ridges, arches, and vertical waves in the kinematics of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4962-4979.	1.6	58
86	Influence of the local Universe on weak gravitational lensing surveys. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5061-5073.	1.6	3
87	Câ€‰iv black hole mass measurements with the Australian Dark Energy Survey (OzDES). Monthly Notices of the Royal Astronomical Society, 2019, 487, 3650-3663.	1.6	35
88	The GALAH survey: unresolved triple Sun-like stars discovered by the Gaia mission. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2474-2490.	1.6	4
89	The outer halo globular cluster system of M31 â€“ III. Relationship to the stellar halo. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1756-1789.	1.6	31
90	First cosmological results using Type Ia supernovae from the Dark Energy Survey: measurement of the Hubble constant. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2184-2196.	1.6	143

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91	Dark matter annihilation feedback in cosmological simulations â€“ II. The influence on gas and halo structure. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1420-1434.	1.6	4
92	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. Physical Review Letters, 2019, 122, 171301.	2.9	86
93	First cosmology results using Type Ia supernova from the Dark Energy Survey: simulations to correct supernova distance biases. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1171-1187.	1.6	62
94	The SAMI Galaxy Survey: Bayesian inference for gas disc kinematics using a hierarchical Gaussian mixture model. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4024-4044.	1.6	10
95	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. Astrophysical Journal, 2019, 874, 150.	1.6	92
96	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. Astrophysical Journal Letters, 2019, 872, L30.	3.0	201
97	The GALAH survey and Gaia DR2: dissecting the stellar discâ€™s phase space by age, action, chemistry, and location. Monthly Notices of the Royal Astronomical Society, 2019, 486, 1167-1191.	1.6	145
98	A Data-driven Model of Nucleosynthesis with Chemical Tagging in a Lower-dimensional Latent Space. Astrophysical Journal, 2019, 887, 73.	1.6	9
99	The Canadaâ€“France Imaging Survey: Reconstructing the Milky Way Star Formation History from Its White Dwarf Population. Astrophysical Journal, 2019, 887, 148.	1.6	46
100	Discovery of a 21 Myr old stellar population in the Orion complex. Astronomy and Astrophysics, 2019, 631, A166.	2.1	21
101	The GALAH survey: An abundance, age, and kinematic inventory of the solar neighbourhood made with TGAS. Astronomy and Astrophysics, 2019, 624, A19.	2.1	91
102	The K2-HERMES Survey: age and metallicity of the thick disc. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5335-5352.	1.6	54
103	Two major accretion epochs in M31 from two distinct populations of globular clusters. Nature, 2019, 574, 69-71.	13.7	28
104	Reliable mass calculation in spherical gravitating systems. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3356-3372.	1.6	7
105	The GALAH survey: co-orbiting stars and chemical tagging. Monthly Notices of the Royal Astronomical Society, 2019, 482, 5302-5315.	1.6	12
106	The GALAH survey: a catalogue of carbon-enhanced stars and CEMP candidates. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3196-3212.	1.6	6
107	The GALAH survey: velocity fluctuations in the Milky Way using Red Clump giants. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4215-4232.	1.6	6
108	Proper Motions of Stellar Streams Discovered in the Dark Energy Survey. Astrophysical Journal, 2019, 885, 3.	1.6	45

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109	Dwarfs or Giants? Stellar Metallicities and Distances from ugrizG Multiband Photometry. Astrophysical Journal, 2019, 886, 10.	1.6	10
110	The GALAH survey: properties of the Galactic disc(s) in the solar neighbourhood. Monthly Notices of the Royal Astronomical Society, 2018, 476, 5216-5232.	1.6	36
111	The impact of dark energy on galaxy formation. What does the future of our Universe hold?. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3744-3759.	1.6	10
112	The need for speed: escape velocity and dynamical mass measurements of the Andromeda galaxy. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4043-4054.	1.6	46
113	On the origin of the Monoceros Ring â€“ I. Kinematics, proper motions, and the nature of the progenitor. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4584-4593.	1.6	7
114	Bellâ€™s Spaceships: The Views from Bow and Stern. Publications of the Astronomical Society of Australia, 2018, 35, .	1.3	1
115	Advanced Diagnostics for the Study of Linearly Polarized Emission. II. Application to Diffuse Interstellar Radio Synchrotron Emission. Astrophysical Journal, 2018, 855, 29.	1.6	14
116	Ships Passing in the Night: Spectroscopic Analysis of Two Ultra-faint Satellites in the Constellation Carina[*] ^{â€} ^{â€¡}. Astrophysical Journal, 2018, 857, 145.	1.6	54
117	Rapidly evolving transients in the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2018, 481, 894-917.	1.6	109
118	The Large-scale Structure of the Halo of the Andromeda Galaxy. II. Hierarchical Structure in the Pan-Andromeda Archaeological Survey. Astrophysical Journal, 2018, 868, 55.	1.6	113
119	Tracing the stellar component of low surface brightness Milky Way dwarf galaxies to their outskirts. Astronomy and Astrophysics, 2018, 609, A53.	2.1	26
120	Holistic spectroscopy: complete reconstruction of a wide-field, multiobject spectroscopic image using a photonic comb. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5475-5494.	1.6	10
121	The GALAH survey: verifying abundance trends in the open cluster M67 using non-LTE modelling. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2666-2684.	1.6	41
122	The GALAH Survey: second data release. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4513-4552.	1.6	269
123	The GALAH survey: accurate radial velocities and library of observed stellar template spectra. Monthly Notices of the Royal Astronomical Society, 2018, 481, 645-654.	1.6	24
124	Stability of satellite planes in M31 II: effects of the dark subhalo population. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2212-2221.	1.6	10
125	The GALAH survey: chemical tagging of star clusters and new members in the Pleiades. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4612-4633.	1.6	35
126	The SAMI Galaxy Survey: spatially resolving the main sequence of star formation. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5194-5214.	1.6	89

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127	Advanced Diagnostics for the Study of Linearly Polarized Emission. I. Derivation. Astrophysical Journal, 2018, 853, 9.	1.6	15
128	The GALAH survey: stellar streams and how stellar velocity distributions vary with Galactic longitude, hemisphere, and metallicity. Monthly Notices of the Royal Astronomical Society, 2018, 478, 228-254.	1.6	28
129	Dark matter substructure cannot explain properties of the Fermi Galactic Centre excess. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 060-060.	1.9	10
130	Galaxy formation efficiency and the multiverse explanation of the cosmological constant with EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3727-3743.	1.6	14
131	Galactic cartography with SkyMapper â€“ I. Population substructure and the stellar number density of the inner halo. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1218-1228.	1.6	3
132	The GALAH survey and Gaia DR2: (non-)existence of five sparse high-latitude open clusters. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5242-5259.	1.6	25
133	Cosmic voids in evolving dark sector cosmologies: the high-redshift universe. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4861-4877.	1.6	10
134	The optimisation of low-acceleration interstellar relativistic rocket trajectories using genetic algorithms. Acta Astronautica, 2017, 133, 258-268.	1.7	3
135	Feeling the Pull: A Study of Natural Galactic Accelerometers. II. Kinematics and Mass of the Delicate Stellar Stream of the Palomar 5 Globular Cluster[*]. Astrophysical Journal, 2017, 842, 120.	1.6	26
136	Heating of galactic gas by dark matter annihilation in ultracompact minihalos. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 048-048.	1.9	9
137	On the stability of satellite planes â€“ I. Effects of mass, velocity, halo shape and alignment. Monthly Notices of the Royal Astronomical Society, 2017, 465, 641-652.	1.6	27
138	Architecture of the Andromeda galaxy: a quantitative analysis of clustering in the inner stellar halo. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4858-4865.	1.6	2
139	The GALAH survey: observational overview andGaiaDR1 companion. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3203-3219.	1.6	157
140	Chemical Mapping of the Milky Way with The Canadaâ€“France Imaging Survey: A Non-parametric Metallicityâ€“Distance Decomposition of the Galaxy. Astrophysical Journal, 2017, 848, 129.	1.6	19
141	Cosmic voids in evolving dark sector cosmologies: the low-redshift universe. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3381-3394.	1.6	12
142	Polarization Gradient Study of Interstellar Medium Turbulence Using the Canadian Galactic Plane Survey. Astrophysical Journal, 2017, 835, 210.	1.6	4
143	Producing the deuteron in stars: anthropic limits on fundamental constants. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 036-036.	1.9	9
144	The GALAH survey: the data reduction pipeline. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1259-1281.	1.6	60

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145	Probes of turbulent driving mechanisms in molecular clouds from fluctuations in synchrotron intensity. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2272-2283.	1.6	13
146	A novel JEAnS analysis of the Fornax dwarf using evolutionary algorithms: mass follows light with signs of an off-centre merger. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2034-2053.	1.6	15
147	Large-scale structure topology in non-standard cosmologies: impact of dark sector physics. Monthly Notices of the Royal Astronomical Society, 2017, 468, 59-68.	1.6	6
148	OzDES multifibre spectroscopy for the Dark Energy Survey: 3-yr results and first data release. Monthly Notices of the Royal Astronomical Society, 2017, 472, 273-288.	1.6	65
149	The Canadaâ€“France Imaging Survey: First Results from the u-Band Component. Astrophysical Journal, 2017, 848, 128.	1.6	62
150	A Roguesâ€™ Gallery of Andromeda's Dwarf Galaxies. I. A Predominance of Red Horizontal Branches. Astrophysical Journal, 2017, 850, 16.	1.6	24
151	Dark matter annihilation feedback in cosmological simulations â€“ I: Code convergence and idealized haloes. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1214-1225.	1.6	6
152	Considerations on how to investigate planes of satellite galaxies. Astronomische Nachrichten, 2017, 338, 854-861.	0.6	16
153	Discovery of a zÂ=Â0.65 post-starburst BAL quasar in the DES supernova fields. Monthly Notices of the Royal Astronomical Society, 2017, 468, 3682-3688.	1.6	3
154	On the dynamical state of galaxy clusters: insights from cosmological simulations â€“ II.. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2502-2510.	1.6	40
155	A computational approach to the twin paradox in curved spacetime. European Journal of Physics, 2016, 37, 055602.	0.3	0
156	THE PAndAS VIEW OF THE ANDROMEDA SATELLITE SYSTEM. II. DETAILED PROPERTIES OF 23 M31 DWARF SPHEROIDAL GALAXIES. Astrophysical Journal, 2016, 833, 167.	1.6	102
157	THE REDMAPPER GALAXY CLUSTER CATALOG FROM DES SCIENCE VERIFICATION DATA. Astrophysical Journal, Supplement Series, 2016, 224, 1.	3.0	233
158	Ultracompact Minihalos as Probes of Inflationary Cosmology. Physical Review Letters, 2016, 117, 141102.	2.9	31
159	MATTER IN THE BEAM: WEAK LENSING, SUBSTRUCTURES, AND THE TEMPERATURE OF DARK MATTER. Astrophysical Journal, 2016, 826, 212.	1.6	3
160	Spurious haloes and discreteness-driven relaxation in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2016, 462, 474-489.	1.6	23
161	The elusive stellar halo of the Triangulum galaxy. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4374-4388.	1.6	10
162	Probing the low surface brightness outskirts of Milky Way dSphs: Sextans. Proceedings of the International Astronomical Union, 2016, 11, 45-45.	0.0	0

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163	Exploring the reality of density substructures in the Palomar 5 stellar stream. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2711-2719.	1.6	24
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