

Michael Boylan-Kolchin

List of Publications by Year in descending order

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Version: 2024-02-01

146
papers

15,080
citations

19608

61
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17546

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148
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148
docs citations

148
times ranked

6935
citing authors

#	ARTICLE	IF	CITATIONS
1	Too big to fail? The puzzling darkness of massive Milky Way subhaloes. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 415, L40-L44.	1.2	1,081
2	From dwarf spheroidals to cD galaxies: simulating the galaxy population in a Λ CDM cosmology. Monthly Notices of the Royal Astronomical Society, 2011, 413, 101-131.	1.6	950
3	Small-Scale Challenges to the Λ CDM Paradigm. Annual Review of Astronomy and Astrophysics, 2017, 55, 343-387.	8.1	921
4	Resolving cosmic structure formation with the Millennium-II Simulation. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1150-1164.	1.6	747
5	FIRE-2 simulations: physics versus numerics in galaxy formation. Monthly Notices of the Royal Astronomical Society, 2018, 480, 800-863.	1.6	676
6	The Milky Way's bright satellites as an apparent failure of Λ CDM. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1203-1218.	1.6	608
7	The merger rates and mass assembly histories of dark matter haloes in the two Millennium simulations. Monthly Notices of the Royal Astronomical Society, 2010, 406, 2267-2278.	1.6	473
8	Dynamical friction and galaxy merging time-scales. Monthly Notices of the Royal Astronomical Society, 2008, 383, 93-101.	1.6	334
9	How do galaxies populate dark matter haloes?. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	322
10	Forged in fire: cusps, cores and baryons in low-mass dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2092-2106.	1.6	291
11	ELVIS: Exploring the Local Volume in Simulations. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2578-2596.	1.6	269
12	Galaxy formation in WMAP1 and WMAP7 cosmologies. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1351-1365.	1.6	266
13	Not so lumpy after all: modelling the depletion of dark matter subhaloes by Milky Way-like galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1709-1727.	1.6	242
14	Galaxy formation with BECDM I. Turbulence and relaxation of idealized haloes. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4559-4570.	1.6	208
15	The mass-concentration-redshift relation of cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2014, 441, 378-388.	1.6	204
16	Too big to fail in the Local Group. Monthly Notices of the Royal Astronomical Society, 2014, 444, 222-236.	1.6	200
17	Red mergers and the assembly of massive elliptical galaxies: the fundamental plane and its projections. Monthly Notices of the Royal Astronomical Society, 2006, 369, 1081-1089.	1.6	180
18	fire in the field: simulating the threshold of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3547-3562.	1.6	173

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19	THE SPACE MOTION OF LEO I: THE MASS OF THE MILKY WAY'S DARK MATTER HALO. <i>Astrophysical Journal</i> , 2013, 768, 140.	1.6	167
20	The mass profile and accretion history of cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1103-1113.	1.6	161
21	Galactic accretion and the outer structure of galaxies in the CDM model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 3348-3367.	1.6	159
22	Can feedback solve the too-big-to-fail problem?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 3539-3546.	1.6	141
23	How to model supernovae in simulations of star and galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1578-1603.	1.6	140
24	Be it therefore resolved: cosmological simulations of dwarf galaxies with 30 solar mass resolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4447-4463.	1.6	139
25	The dynamics of isolated Local Group galaxies... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 1015-1027.	1.6	138
26	The Local Group on FIRE: dwarf galaxy populations across a suite of hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1380-1399.	1.6	137
27	Gas kinematics, morphology and angular momentum in the FIRE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1930-1955.	1.6	131
28	The origin of ultra diffuse galaxies: stellar feedback and quenching. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 906-925.	1.6	125
29	Sweating the small stuff: simulating dwarf galaxies, ultra-faint dwarf galaxies, and their own tiny satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1305-1316.	1.6	124
30	SEGUE 2: THE LEAST MASSIVE GALAXY. <i>Astrophysical Journal</i> , 2013, 770, 16.	1.6	120
31	The rapid assembly of an elliptical galaxy of 400 billion solar masses at a redshift of 2.3. <i>Nature</i> , 2013, 498, 338-341.	13.7	119
32	SMALL-SCALE STRUCTURE IN THE SLOAN DIGITAL SKY SURVEY AND Λ CDM: ISOLATED GALAXIES WITH BRIGHT SATELLITES. <i>Astrophysical Journal</i> , 2011, 738, 102.	1.6	111
33	The formation and hierarchical assembly of globular cluster populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 4528-4552.	1.6	107
34	Dissipationless mergers of elliptical galaxies and the evolution of the fundamental plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 184-196.	1.6	106
35	There's no place like home? Statistics of Milky Way-mass dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	106
36	Simulating galaxies in the reionization era with FIRE-2: galaxy scaling relations, stellar mass functions, and luminosity functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 1694-1715.	1.6	106

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37	ON THE HOT GAS CONTENT OF THE MILKY WAY HALO. <i>Astrophysical Journal</i> , 2013, 762, 20.	1.6	103
38	A 700 Year-old Pulsar in the Supernova Remnant Kesteven 75. <i>Astrophysical Journal</i> , 2000, 542, L37-L40.	1.6	102
39	THE SPACE MOTION OF LEO I: HUBBLE SPACE TELESCOPE PROPER MOTION AND IMPLIED ORBIT. <i>Astrophysical Journal</i> , 2013, 768, 139.	1.6	102
40	Taking care of business in a flash : constraining the time-scale for low-mass satellite quenching with ELVIS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2039-2049.	1.6	102
41	The Orbital Histories of Magellanic Satellites Using Gaia DR2 Proper Motions. <i>Astrophysical Journal</i> , 2020, 893, 121.	1.6	101
42	Organized chaos: scatter in the relation between stellar mass and halo mass in small galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3108-3120.	1.6	96
43	Where are the most ancient stars in the Milky Way?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 652-668.	1.6	96
44	First Star-Forming Structures in Fuzzy Cosmic Filaments. <i>Physical Review Letters</i> , 2019, 123, 141301.	2.9	94
45	Dynamics of the Magellanic Clouds in a Lambda cold dark matter universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 1560-1572.	1.6	93
46	The surprising inefficiency of dwarf satellite quenching. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1396-1404.	1.6	92
47	The origin of the diverse morphologies and kinematics of Milky Way-mass galaxies in the FIRE-2 simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4133-4157.	1.6	91
48	M31 satellite masses compared to Λ CDM subhaloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 3511-3519.	1.6	87
49	Under pressure: quenching star formation in low-mass satellite galaxies via stripping. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1916-1928.	1.6	87
50	The dynamical state and mass-concentration relation of galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 1322-1328.	1.6	85
51	Star formation histories of dwarf galaxies in the FIRE simulations: dependence on mass and Local Group environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4574-4588.	1.6	83
52	Phat ELVIS: The inevitable effect of the Milky Way's disc on its dark matter subhaloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4409-4423.	1.6	82
53	The statistics of the subhalo abundance of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 2309-2314.	1.6	80
54	The no-spin zone: rotation versus dispersion support in observed and simulated dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 2420-2431.	1.6	80

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55	A profile in FIRE: resolving the radial distributions of satellite galaxies in the Local Group with simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 1471-1490.	1.6	77
56	Core Formation in Galactic Nuclei due to Recoiling Black Holes. <i>Astrophysical Journal</i> , 2004, 613, L37-L40.	1.6	71
57	A dark matter profile to model diverse feedback-induced core sizes of Λ CDM haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2393-2417.	1.6	71
58	The ISLANDS Project. II. The Lifetime Star Formation Histories of Six Andromeda dSphs*. <i>Astrophysical Journal</i> , 2017, 837, 102.	1.6	65
59	Are Halos of Collisionless Cold Dark Matter Collisionless?. <i>Physical Review Letters</i> , 2004, 93, 021301.	2.9	64
60	THE ACS LCID PROJECT. X. THE STAR FORMATION HISTORY OF IC 1613: REVISITING THE OVER-COOLING PROBLEM. <i>Astrophysical Journal</i> , 2014, 786, 44.	1.6	64
61	The Local Group as a time machine: studying the high-redshift Universe with nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1503-1512.	1.6	64
62	SIDM on fire: hydrodynamical self-interacting dark matter simulations of low-mass dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2945-2954.	1.6	61
63	The density and pseudo-phase-space density profiles of cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 3895-3902.	1.6	59
64	Self-consistent proto-globular cluster formation in cosmological simulations of high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 4315-4332.	1.6	59
65	Scalar field dark matter: helping or hurting small-scale problems in cosmology?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 289-298.	1.6	58
66	Galaxy formation with BECDM â€“ II. Cosmic filaments and first galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2027-2044.	1.6	58
67	The globular clusterâ€“dark matter halo connection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3120-3130.	1.6	57
68	Dwarf galaxies in CDM, WDM, and SIDM: disentangling baryons and dark matter physics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 962-977.	1.6	54
69	Major mergers of galaxy haloes: cuspy or cored inner density profile?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 1117-1129.	1.6	53
70	A dichotomy in satellite quenching around L^* galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1930-1941.	1.6	52
71	Resonant sterile neutrino dark matter in the local and high- z Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 1489-1504.	1.6	51
72	The suppression of star formation on the smallest scales: what role does environment play?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4031-4039.	1.6	50

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73	No assembly required: mergers are mostly irrelevant for the growth of low-mass dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 479, 319-331.	1.6	48
74	Simulating galaxies in the reionization era with FIRE-2: morphologies and sizes. Monthly Notices of the Royal Astronomical Society, 2018, 477, 219-229.	1.6	48
75	A model for the formation of stellar associations and clusters from giant molecular clouds. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3239-3258.	1.6	48
76	The formation times and building blocks of Milky Way-mass galaxies in the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2020, 497, 747-764.	1.6	47
77	The Little Engines That Could? Globular clusters contribute significantly to reionization-era star formation. Monthly Notices of the Royal Astronomical Society, 2018, 479, 332-340.	1.6	46
78	Properties of resonantly produced sterile neutrino dark matter subhaloes. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4346-4353.	1.6	45
79	ETHOS – an effective theory of structure formation: predictions for the high-redshift Universe – abundance of galaxies and reionization. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2886-2899.	1.6	42
80	Environmental quenching of low-mass field galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 477, 4491-4498.	1.6	42
81	Near-field limits on the role of faint galaxies in cosmic reionization. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 443, L44-L48.	1.2	41
82	Local Group ultra-faint dwarf galaxies in the reionization era. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 469, L83-L88.	1.2	41
83	Planes of satellites around Milky Way/M31-mass galaxies in the FIRE simulations and comparisons with the Local Group. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1379-1397.	1.6	40
84	A tale of two populations: the stellar mass of central and satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1486-1499.	1.6	39
85	Discrete Effects in Stellar Feedback: Individual Supernovae, Hypernovae, and IMF Sampling in Dwarf Galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1666-1675.	1.6	38
86	Dark and luminous satellites of LMC-mass galaxies in the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5348-5364.	1.6	38
87	Gas kinematics in FIRE simulated galaxies compared to spatially unresolved H α observations. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1536-1548.	1.6	37
88	From the top down and back up again: star cluster structure from hierarchical star formation. Monthly Notices of the Royal Astronomical Society, 2018, 481, 688-702.	1.6	36
89	Evolution of giant molecular clouds across cosmic time. Monthly Notices of the Royal Astronomical Society, 2020, 492, 488-502.	1.6	36
90	THE EFFECTS OF PATCHY REIONIZATION ON SATELLITE GALAXIES OF THE MILKY WAY. Astrophysical Journal, 2012, 746, 109.	1.6	35

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91	COMPARING M31 AND MILKY WAY SATELLITES: THE EXTENDED STAR FORMATION HISTORIES OF ANDROMEDA II AND ANDROMEDA XVI. <i>Astrophysical Journal</i> , 2014, 789, 24.	1.6	35
92	On the stark difference in satellite distributions around the Milky Way and Andromeda. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 73-82.	1.6	34
93	Warm FIRE: simulating galaxy formation with resonant sterile neutrino dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4086-4099.	1.6	34
94	Satellite accretion on to massive galaxies with central black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 374, 1227-1241.	1.6	33
95	The growth of galactic bulges through mergers in Λ CDM haloes revisited I. Present-day properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 1503-1516.	1.6	33
96	UVUDF: UV Luminosity Functions at the Cosmic High Noon. <i>Astrophysical Journal</i> , 2017, 838, 29.	1.6	33
97	How low does it go? Too few Galactic satellites with standard reionization quenching. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4585-4595.	1.6	33
98	Are rotating planes of satellite galaxies ubiquitous?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3840-3848.	1.6	32
99	Hot-mode accretion and the physics of thin-disc galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5056-5073.	1.6	32
100	The mass profile of the Milky Way to the virial radius from the Illustris simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3483-3493.	1.6	31
101	The central densities of Milky Way-mass galaxies in cold and self-interacting dark matter models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 720-729.	1.6	31
102	Galaxies lacking dark matter produced by close encounters in a cosmological simulation. <i>Nature Astronomy</i> , 2022, 6, 496-502.	4.2	31
103	Extragalactic gamma-ray background radiation from dark matter annihilation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	1.6	30
104	Linking haloes to galaxies: how many halo properties are needed?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 1405-1417.	1.6	30
105	What drives the evolution of gas kinematics in star-forming galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 5125-5137.	1.6	30
106	The ISLANDS Project. III. Variable Stars in Six Andromeda Dwarf Spheroidal Galaxies*. <i>Astrophysical Journal</i> , 2017, 850, 137.	1.6	28
107	Extinguishing the FIRE: environmental quenching of satellite galaxies around Milky Way-mass hosts in simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5276-5295.	1.6	27
108	THE ISLANDS PROJECT. I. ANDROMEDA XVI, AN EXTREMELY LOW MASS GALAXY NOT QUENCHED BY REIONIZATION*. <i>Astrophysical Journal</i> , 2016, 819, 147.	1.6	26

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109	Uncertain times: the redshift–time relation from cosmology and stars. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2764-2783.	1.6	26
110	Convergence of galaxy properties with merger tree temporal resolution. Monthly Notices of the Royal Astronomical Society, 2012, 419, 3590-3603.	1.6	25
111	The mass dependence of satellite quenching in Milky Way-like haloes. Monthly Notices of the Royal Astronomical Society, 2015, 447, 698-710.	1.6	25
112	The Importance of Preventive Feedback: Inference from Observations of the Stellar Masses and Metallicities of Milky Way Dwarf Galaxies. Astrophysical Journal, 2017, 846, 66.	1.6	25
113	A relationship between stellar metallicity gradients and galaxy age in dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 501, 5121-5134.	1.6	25
114	Stars made in outflows may populate the stellar halo of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1539-1559.	1.6	24
115	Dwarf galaxy mass estimators versus cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4786-4796.	1.6	23
116	The Local Group: the ultimate deep field. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 462, L51-L55.	1.2	21
117	Star formation at the edge of the Local Group: a rising star formation history in the isolated galaxy WLM. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5538-5550.	1.6	21
118	THE CONNECTION BETWEEN THE HOST HALO AND THE SATELLITE GALAXIES OF THE MILKY WAY. Astrophysical Journal, 2016, 830, 59.	1.6	20
119	A predicted correlation between age gradient and star formation history in FIRE dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1186-1201.	1.6	20
120	A semi-analytic model comparison: testing cooling models against hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2058-2077.	1.6	19
121	Globular clusters in high-redshift dwarf galaxies: a case study from the Local Group. Monthly Notices of the Royal Astronomical Society, 2018, 477, 480-490.	1.6	19
122	The Proper Motion of Pyxis: The First Use of Adaptive Optics in Tandem with HST on a Faint Halo Object. Astrophysical Journal, 2017, 840, 30.	1.6	18
123	Dissipative dark matter on FIRE â€” I. Structural and kinematic properties of dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4421-4445.	1.6	18
124	A semi-analytic model comparison - gas cooling and galaxy mergers. Monthly Notices of the Royal Astronomical Society, 0, , no-no.	1.6	17
125	DDO 216-A1: A Central Globular Cluster in a Low-luminosity Transition-type Galaxy^{âˆ—}. Astrophysical Journal, 2017, 837, 54.	1.6	17
126	Push it to the limit: Local Group constraints on high-redshift stellar mass functions for<i>M</i>_{â††}â‰¥ 10⁵â‰‰M_{âŠ™}. Monthly Notices of the Royal Astronomical Society, 2016, 456, 477-484.	1.6	16

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127	Through a Smoother Lens: An expected absence of LCDM substructure detections from hydrodynamic and dark matter only simulations. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1322-1332.	1.6	15
128	The galaxyâ€‘halo size relation of low-mass galaxies in FIRE. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3967-3985.	1.6	13
129	Further constraining galaxy evolution models through the size function of SDSS early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	12
130	Amplified J-factors in the Galactic Centre for velocity-dependent dark matter annihilation in FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2022, 513, 55-70.	1.6	12
131	Out of sight, out of mind? The impact of correlated clustering in substructure lensing. Monthly Notices of the Royal Astronomical Society, 2021, 502, 6064-6079.	1.6	10
132	The effects of LMC-mass environments on their dwarf satellite galaxies in the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2673-2688.	1.6	10
133	The universal acceleration scale from stellar feedback. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L127-L132.	1.2	9
134	The contribution of globular clusters to cosmic reionization. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4062-4071.	1.6	9
135	From EMBER to FIRE: predicting high resolution baryon fields from dark matter simulations with deep learning. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1323-1341.	1.6	9
136	The In Situ Origins of Dwarf Stellar Outskirts in FIRE-2. Astrophysical Journal, 2022, 931, 152.	1.6	9
137	Globular Clusters and Streaming Velocities: Testing the New Formation Channel in High-resolution Cosmological Simulations. Astrophysical Journal, 2021, 922, 193.	1.6	8
138	Testing DARKexp against energy and density distributions of Millennium-II halos. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 042-042.	1.9	7
139	Planes of satellites are not a problem for (just) Λ CDM. Nature Astronomy, 2021, 5, 1188-1190.	4.2	7
140	HETDEX [O iii] Emitters. I. A Spectroscopically Selected Low-redshift Population of Low-mass, Low-metallicity Galaxies. Astrophysical Journal, 2021, 916, 11.	1.6	6
141	Metallicity Distribution Function of the Eridanus II Ultra-faint Dwarf Galaxy from Hubble Space Telescope Narrowband Imaging. Astrophysical Journal, 2022, 925, 6.	1.6	6
142	Sizing from the smallest scales: the mass of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4968-4982.	1.6	6
143	Statistics of Two-point Correlation and Network Topology for Lyman Alpha Emitters at $z \approx 2.67$. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	3
144	NGC 6822 as a Probe of Dwarf Galactic Evolution*. Astrophysical Journal, 2020, 903, 10.	1.6	3

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145	A virtual Universe. Nature, 2014, 509, 170-171.	13.7	1
146	Galaxy motions cause trouble for cosmology. Science, 2018, 359, 520-521.	6.0	1