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List of Publications by Year
in descending order

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93 papers	7,235 citations	53794 45 h-index	54911 84 g-index
96 all docs	96 docs citations	96 times ranked	4027 citing authors

#	Article	IF	Citations
1	Bulgeless dwarf galaxies and dark matter cores from supernova-driven outflows. Nature, 2010, 463, 203-206.	27.8	832
2	Making Galaxies In a Cosmological Context: the need for early stellar feedback. Monthly Notices of the Royal Astronomical Society, 2013, 428, 129-140.	4.4	361
3	The dependence of dark matter profiles on the stellar-to-halo mass ratio: a prediction for cusps versus cores. Monthly Notices of the Royal Astronomical Society, 2014, 437, 415-423.	4.4	349
4	The Emergence of the Thick Disk in a Cold Dark Matter Universe. Astrophysical Journal, 2004, 612, 894-899.	4.5	321
5	THE ROLE OF COLD FLOWS IN THE ASSEMBLY OF GALAXY DISKS. Astrophysical Journal, 2009, 694, 396-410.	4.5	296
6	THE DUAL ORIGIN OF STELLAR HALOS. Astrophysical Journal, 2009, 702, 1058-1067.	4.5	265
7	A mass-dependent density profile for dark matter haloes including the influence of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2014, 441, 2986-2995.	4.4	217
8	THE CENTRAL SLOPE OF DARK MATTER CORES IN DWARF GALAXIES: SIMULATIONS VERSUS THINGS. Astronomical Journal, 2011, 142, 24.	4.7	215
9	Hierarchical formation of bulgeless galaxies: why outflows have low angular momentum. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1051-1060.	4.4	202
10	NIHAO â€“ IV: core creation and destruction in dark matter density profiles across cosmic time. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3542-3552.	4.4	201
11	Gaia DR2 proper motions of dwarf galaxies within 420 kpc. Astronomy and Astrophysics, 2018, 619, A103.	5.1	200
12	Forming a large disc galaxy from az< 1 major merger. Monthly Notices of the Royal Astronomical Society, 2009, 398, 312-320.	4.4	185
13	NIHAO â€“ XI. Formation of ultra-diffuse galaxies by outflows. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 466, L1-L6.	3.3	185
14	Thin disc, thick disc and halo in a simulated galaxy. Monthly Notices of the Royal Astronomical Society, 2012, 426, 690-700.	4.4	163
15	Uncovering the birth of the Milky Way through accurate stellar ages with Gaia. Nature Astronomy, 2019, 3, 932-939.	10.1	159
16	Hierarchical formation of bulgeless galaxies - II. Redistribution of angular momentum via galactic fountains. Monthly Notices of the Royal Astronomical Society, 2012, 419, 771-779.	4.4	150
17	MaGICC discs: matching observed galaxy relationships over a wide stellar mass range. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1275-1283.	4.4	150
18	Internal Alignment of the Halos of Disk Galaxies in Cosmological Hydrodynamic Simulations. Astrophysical Journal, 2005, 627, L17-L20.	4.5	140

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19	Cosmological galaxy formation simulations using smoothed particle hydrodynamics. Monthly Notices of the Royal Astronomical Society, 2010, 408, 812-826.	4.4	131
20	The origin of the light distribution in spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2009, 398, 591-606.	4.4	129
21	magicc haloes: confronting simulations with observations of the circumgalactic medium at z=0. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1270-1277.	4.4	119
22	MaGICC thick disc â€“ I. Comparing a simulated disc formed with stellar feedback to the Milky Way. Monthly Notices of the Royal Astronomical Society, 2013, 436, 625-634.	4.4	107
23	Misaligned angular momentum in hydrodynamic cosmological simulations: warps, outer discs and thick discs. Monthly Notices of the Royal Astronomical Society, 2010, 408, 783-796.	4.4	105
24	The Emergence of the Thick Disk in a CDM Universe. II. Colors and Abundance Patterns. Astrophysical Journal, 2005, 630, 298-308.	4.5	97
25	THE STELLAR-TO-HALO MASS RELATION FOR LOCAL GROUP GALAXIES. Astrophysical Journal Letters, 2014, 784, L14.	8.3	87
26	INTERPRETING THE EVOLUTION OF THE SIZE-LUMINOSITY RELATION FOR DISK GALAXIES FROM REDSHIFT 1 TO THE PRESENT. Astrophysical Journal, 2011, 728, 51.	4.5	83
27	Orbital eccentricity as a probe of thick disc formation scenarios. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 400, L61-L65.	3.3	82
28	Testing feedback-modified dark matter haloes with galaxy rotation curves: estimation of halo parameters and consistency with Î›CDM scaling relations. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1648-1668.	4.4	81
29	Two Disk Components from a Gasâ€Rich Diskâ€Disk Merger. Astrophysical Journal, 2007, 658, 60-64.	4.5	74
30	NIHAO IX: the role of gas inflows and outflows in driving the contraction and expansion of cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2658-2675.	4.4	74
31	The distribution of metals in cosmological hydrodynamical simulations of dwarf disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 425, 969-978.	4.4	65
32	Galactic Halo Stars in Phase Space: A Hint of Satellite Accretion?. Astrophysical Journal, 2003, 585, L125-L129.	4.5	62
33	Stellar halo constraints on simulated late-type galaxies. Monthly Notices of the Royal Astronomical Society, 2004, 349, 52-56.	4.4	61
34	Expanded haloes, abundance matching and too-big-to-fail in the Local Group. Monthly Notices of the Royal Astronomical Society, 2015, 450, 3920-3934.	4.4	60
35	Disc heating: comparing the Milky Way with cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2652-2664.	4.4	59
36	MaGICC baryon cycle: the enrichment history of simulated disc galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 443, 3809-3818.	4.4	58

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37	Spectroscopic characterization of the stellar content of ultra-diffuse galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2034-2045.	4.4	58
38	The Spatial Distribution of the Galactic First Stars. II. Smoothed Particle Hydrodynamics Approach. Astrophysical Journal, 2007, 661, 10-18.	4.5	57
39	The Formation of Polar Disk Galaxies. Astrophysical Journal, 2008, 689, 678-686.	4.5	53
40	The distribution of mass components in simulated disc galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 455, 476-483.	4.4	53
41	NIHAO â€“ XIV. Reproducing the observed diversity of dwarf galaxy rotation curve shapes in Î›CDM. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4392-4403.	4.4	52
42	Disk Evolution sincezâ€‰â^¼â€‰1 in a CDM Universe. Astrophysical Journal, 2006, 639, 126-135.	4.5	51
43	The MaGICC volume: reproducing statistical properties of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3529-3539.	4.4	50
44	The Spatial Distribution of the Galactic First Stars. I. Highâ€ResolutionNâ€Body Approach. Astrophysical Journal, 2006, 653, 285-299.	4.5	48
45	A TWO-PHASE SCENARIO FOR BULGE ASSEMBLY IN Î›CDM COSMOLOGIES. Astrophysical Journal, 2013, 763, 26.	4.5	48
46	Structure, kinematics and chemical enrichment patterns after major gas-rich disc-disc mergers. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1489-1503.	4.4	40
47	Impacts of a flaring star-forming disc and stellar radial mixing on the vertical metallicity gradient. Monthly Notices of the Royal Astronomical Society, 2017, 464, 702-712.	4.4	40
48	Size matters: the non-universal density profile of subhaloes in SPH simulations and implications for the Milky Wayâ€™s dSphs. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1220-1229.	4.4	33
49	The main sequence and the fundamental metallicity relation in MaGICC Galaxies: evolution and scatter. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1794-1804.	4.4	32
50	The mass of our Galaxy from satellite proper motions in the Gaia era. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5178-5193.	4.4	32
51	grasil-3d: an implementation of dust effects in the SEDs of simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3868-3889.	4.4	30
52	The stellar metallicity distribution of disc galaxies and bulges in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1401-1417.	4.4	29
53	The different baryonic Tullyâ€“Fisher relations at low masses. Monthly Notices of the Royal Astronomical Society, 2016, 459, 638-645.	4.4	28
54	MaGICC-WDM: the effects of warm dark matter in hydrodynamical simulations of disc galaxy formation. Monthly Notices of the Royal Astronomical Society, 2014, 437, 293-304.	4.4	26

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55	Signatures of dark matter halo expansion in galaxy populations. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2133-2143.	4.4	26
56	Chemodynamical analysis of bulge stars for simulated disc galaxies. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1826-1831.	4.4	25
57	NIHAO XXI: the emergence of low surface brightness galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2535-2548.	4.4	25
58	The cold gas content of bulgeless dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2891-2898.	4.4	23
59	Metallicity gradients of disc stars for a cosmologically simulated galaxy. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1469-1478.	4.4	21
60	The halo shape and evolution of polar disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1967-1979.	4.4	20
61	A matter of measurement: rotation velocities and the velocity function of dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3841-3847.	4.4	20
62	On the early evolution of Local Group dwarf galaxy types: star formation and supernova feedback. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1514-1527.	4.4	20
63	The variation of rotation curve shapes as a signature of the effects of baryons on dark matter density profiles. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1719-1724.	4.4	18
64	The role of feedback in shaping the structure of the interstellar medium. Monthly Notices of the Royal Astronomical Society, 2014, 441, 525-531.	4.4	17
65	Metallicity gradient of the thick disc progenitor at high redshift. Monthly Notices of the Royal Astronomical Society, 2018, 473, 867-878.	4.4	14
66	Simulating a white dwarf dominated Galactic halo. Monthly Notices of the Royal Astronomical Society, 2003, 343, 913-923.	4.4	13
67	Advanced morphological galaxy classification: a comparison of observed and simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 418, 801-810.	4.4	13
68	NIHAO XXIV: rotation- or pressure-supported systems? Simulated Ultra Diffuse Galaxies show a broad distribution in their stellar kinematics. Monthly Notices of the Royal Astronomical Society, 2020, 497, 4282-4292.	4.4	12
69	A comparison of galaxy group luminosity functions from semi-analytic models. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2798-2811.	4.4	10
70	Explaining the chemical trajectories of accreted and in-situ halo stars of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2645-2651.	4.4	9
71	THE STELLAR SPHEROID, THE DISK, AND THE DYNAMICS OF THE COSMIC WEB. Astrophysical Journal Letters, 2015, 800, L30.	8.3	8
72	CLUES about M33: the reversed radial stellar age gradient in the outskirts of Triangulum galaxy. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4455-4467.	4.4	8

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73	Stellar feedback and the energy budget of late-type Galaxies: missing baryons and core creation. Monthly Notices of the Royal Astronomical Society, 2018, 480, 4287-4301.	4.4	8
74	A Shallow Dark Matter Halo in Ultra-diffuse Galaxy AGC 242019: Are UDGs Structurally Similar to Low-surface-brightness Galaxies?. Astrophysical Journal Letters, 2021, 919, L1.	8.3	7
75	The Radial Distribution of Mono-metallicity Populations in the Galactic Disk as Evidence for Two-phase Disk Formation. Astrophysical Journal, 2017, 846, 72.	4.5	6
76	NIHAO-LG: the uniqueness of Local Group dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 512, 6134-6149.	4.4	6
77	Diversity of dwarf galaxy IR-submm emission patterns: CLUES from hydrodynamical simulations. Astronomy and Astrophysics, 2017, 603, A4.	5.1	4
78	Photometric Properties of White Dwarf Dominated Halos. Publications of the Astronomical Society of Australia, 2004, 21, 153-156.	3.4	2
79	Chemical and Dynamical Properties of the Stellar Halo. EAS Publications Series, 2007, 24, 269-275.	0.3	2
80	Hydrodynamical Adaptive Mesh Refinement Simulations of Disk Galaxies. Proceedings of the International Astronomical Union, 2008, 4, 445-452.	0.0	2
81	The Chemical and Dynamical Evolution of Isolated Dwarf Galaxies. Thirty Years of Astronomical Discovery With UKIRT, 2012, , 47-54.	0.3	2
82	Type Ia Supernovae and the Value of the Hubble Constant. Symposium - International Astronomical Union, 2005, 201, 200-208.	0.1	1
83	Why Outflows Have Low Angular Momentum. , 2010, , .		1
84	The Lowest Metallicity Stars in the LMC: Clues from MaGICC Simulations. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	1
85	Chemical Signature of Gas-rich disc-disc Mergers at high Redshift. Proceedings of the International Astronomical Union, 2010, 6, 250-254.	0.0	0
86	Disk Heating: Comparing the Milky Way with Cosmological Simulations. , 2010, , .		0
87	Simulating the Milky Way is hard. EPJ Web of Conferences, 2012, 19, 01005.	0.3	0
88	The disks and spheroid of LTGs in the light of their early web-like organization. Proceedings of the International Astronomical Union, 2014, 11, 398-401.	0.0	0
89	On the evolution of simulated galaxies: the mass dependence in metallicity gradients. Proceedings of the International Astronomical Union, 2016, 11, 302-302.	0.0	0
90	Full-spectral fitting techniques to characterise the stellar content of ultra diffuse galaxies. Proceedings of the International Astronomical Union, 2018, 14, 408-412.	0.0	0

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91	A false memory trap: Verbatim vs gist memories on trial. Alternative Law Journal, 0, , 1037969X2110099.	0.2	0
92	The Small Scale Structure of the Universe. , 2016, , 119-134.		0
93	Do Child Abuse Pediatricians Search for a â€œPediatric Vulcan Planetâ€? Comparison of Controversies about the Vulcan-Must-Exist-Theory and the Infant-Must-Have-Been-Shaken-Theory. Journal of Research in Philosophy and History, 2020, 3, p162.	0.2	0