Andrew Benson

List of Publications by Year
in descending order

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160 papers	13,850 citations	28190 55 h-index	20900 115 g-index
162 all docs	162 docs citations	162 times ranked	5967 citing authors

#	Article	IF	Citations
1	Breaking the hierarchy of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2006, 370, 645-655.	1.6	1,960
2	Theoretical Models of the Halo Occupation Distribution: Separating Central and Satellite Galaxies. Astrophysical Journal, 2005, 633, 791-809.	1.6	652
3	Can the faint submillimetre galaxies be explained in the Î› cold dark matter model?. Monthly Notices of the Royal Astronomical Society, 2005, 356, 1191-1200.	1.6	574
4	Galactic stellar haloes in the CDM model. Monthly Notices of the Royal Astronomical Society, 2010, 406, 744-766.	1.6	443
5	NEW CONSTRAINTS ON THE EVOLUTION OF THE STELLAR-TO-DARK MATTER CONNECTION: A COMBINED ANALYSIS OF GALAXY-GALAXY LENSING, CLUSTERING, AND STELLAR MASS FUNCTIONS FROMz= 0.2 toz= 1. Astrophysical Journal, 2012, 744, 159.	1.6	437
6	The nature of galaxy bias and clustering. Monthly Notices of the Royal Astronomical Society, 2000, 311, 793-808.	1.6	398
7	The effects of photoionization on galaxy formation - I. Model and results atz=0. Monthly Notices of the Royal Astronomical Society, 2002, 333, 156-176.	1.6	355
8	THE EVOLUTIONARY HISTORY OF LYMAN BREAK GALAXIES BETWEEN REDSHIFT 4 AND 6: OBSERVING SUCCESSIVE GENERATIONS OF MASSIVE GALAXIES IN FORMATION. Astrophysical Journal, 2009, 697, 1493-1511.	1.6	331
9	The effects of photoionization on galaxy formation - II. Satellite galaxies in the Local Group. Monthly Notices of the Royal Astronomical Society, 2002, 333, 177-190.	1.6	314
10	The Halo Occupation Distribution and the Physics of Galaxy Formation. Astrophysical Journal, 2003, 593, 1-25.	1.6	307
11	A unified multiwavelength model of galaxy formation. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3854-3911.	1.6	290
12	The Evolving Luminosity Function of Red Galaxies. Astrophysical Journal, 2007, 654, 858-877.	1.6	275
13	The colours of satellite galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1619-1629.	1.6	265
14	Galacticus: A semi-analytic model of galaxy formation. New Astronomy, 2012, 17, 175-197.	0.8	259
15	Galaxy formation theory. Physics Reports, 2010, 495, 33-86.	10.3	257
16	Grand unification of AGN activity in the Î›CDM cosmology. Monthly Notices of the Royal Astronomical Society, 2011, 410, 53-74.	1.6	217
17	Cosmic evolution of the atomic and molecular gas contents of galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1649-1667.	1.6	211
18	Orbital parameters of infalling dark matter substructures. Monthly Notices of the Royal Astronomical Society, 2005, 358, 551-562.	1.6	188

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19	Red Galaxy Growth and the Halo Occupation Distribution. Astrophysical Journal, 2008, 682, 937-963.	1.6	156
20	The evolution of active galactic nuclei across cosmic time: what is downsizing?. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2797-2820.	1.6	156
21	Warm dark matter chills out: constraints on the halo mass function and the free-streaming length of dark matter with eight quadruple-image strong gravitational lenses. Monthly Notices of the Royal Astronomical Society, 2020, 491, 6077-6101.	1.6	149
22	The SLUGGS Survey: kinematics for over 2500 globular clusters in 12 early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 428, 389-420.	1.6	142
23	On the impact of empirical and theoretical star formation laws on galaxy formation. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1566-1584.	1.6	139
24	Dark matter halo merger histories beyond cold dark matter â€“ I. Methods and application to warm dark matter. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1774-1789.	1.6	136
25	The impact of dark matter cusps and cores on the satellite galaxy population around spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	135
26	What shapes the galaxy mass function? Exploring the roles of supernova-driven winds and active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2816-2840.	1.6	135
27	Lightcone mock catalogues from semi-analytic models of galaxy formation â€“ I. Construction and application to the BzK colour selection. Monthly Notices of the Royal Astronomical Society, 2013, 429, 556-578.	1.6	135
28	The Three Hundred project: a large catalogue of theoretically modelled galaxy clusters for cosmological and astrophysical applications. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2898-2915.	1.6	131
29	Constraining the warm dark matter particle mass with Milky Way satellites. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2487-2495.	1.6	123
30	The population of Milky Way satellites in the Î› cold dark matter cosmology. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1260-1279.	1.6	121
31	The clustering evolution of the galaxy distribution. Monthly Notices of the Royal Astronomical Society, 2001, 327, 1041-1056.	1.6	119
32	The SCUBA HAlf Degree Extragalactic Survey â€“ VI. 350-Î¼m mapping of submillimetre galaxies. Monthly Notices of the Royal Astronomical Society, 2008, 384, 1597-1610.	1.6	108
33	The parameter space of galaxy formation. Monthly Notices of the Royal Astronomical Society, 0, 407, 2017-2045.	1.6	97
34	Heating of galactic discs by infalling satellites. Monthly Notices of the Royal Astronomical Society, 2004, 351, 1215-1236.	1.6	93
35	THE FOSSIL RECORD OF TWO-PHASE GALAXY ASSEMBLY: KINEMATICS AND METALLICITIES IN THE NEAREST S0 GALAXY. Astrophysical Journal Letters, 2011, 736, L26.	3.0	91
36	The SCUBA Half Degree Extragalactic Survey - IV. Radio-mm-FIR photometric redshifts. Monthly Notices of the Royal Astronomical Society, 2007, 379, 1571-1588.	1.6	89

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37	Diffuse X-ray emission from late-type galaxy haloes. Monthly Notices of the Royal Astronomical Society, 2000, 314, 557-565.	1.6	88
38	Modelling the evolution of galaxy clustering. Monthly Notices of the Royal Astronomical Society, 1999, 305, L21-L25.	1.6	87
39	HOT GAS HALOS AROUND DISK GALAXIES: CONFRONTING COSMOLOGICAL SIMULATIONS WITH OBSERVATIONS. Astrophysical Journal, 2009, 697, 79-93.	1.6	85
40	The effects of photoionization on galaxy formation â€" III. Environmental dependence in the luminosity function. Monthly Notices of the Royal Astronomical Society, 2003, 343, 679-691.	1.6	84
41	The impact of galaxy formation on the X-ray evolution of clusters. Monthly Notices of the Royal Astronomical Society, 2001, 325, 497-508.	1.6	79
42	Galaxy voids in cold dark matter universes. Monthly Notices of the Royal Astronomical Society, 2003, 340, 160-174.	1.6	79
43	Probing dark matter structure down to 107 solar masses: flux ratio statistics in gravitational lenses with line-of-sight haloes. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5721-5738.	1.6	79
44	Luminosity and stellar mass functions of discs and spheroids in the SDSS and the supermassive black hole mass function. Monthly Notices of the Royal Astronomical Society, 2007, 379, 841-866.	1.6	78
45	The dependence of velocity and clustering statistics on galaxy properties. Monthly Notices of the Royal Astronomical Society, 2000, 316, 107-119.	1.6	77
46	A comparison of semi-analytic and smoothed particle hydrodynamics galaxy formation. Monthly Notices of the Royal Astronomical Society, 2001, 320, 261-280.	1.6	74
47	The SCUBA Half-Degree Extragalactic Survey -- I. Survey motivation, design and data processing. Monthly Notices of the Royal Astronomical Society, 2005, 363, 563-580.	1.6	74
48	Galaxy formation in the Planck Millennium: the atomic hydrogen content of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4922-4937.	1.6	72
49	The evolution of Lyman-break galaxies in the cold dark matter model. Monthly Notices of the Royal Astronomical Society, 2011, 412, 1828-1852.	1.6	70
50	Decontamination of cosmological 21-cm maps. Monthly Notices of the Royal Astronomical Society, 2008, 391, 383-398.	1.6	69
51	CosmoDC2: A Synthetic Sky Catalog for Dark Energy Science with LSST. Astrophysical Journal, Supplement Series, 2019, 245, 26.	3.0	67
52	Entropy injection as a global feedback mechanism. Monthly Notices of the Royal Astronomical Society, 2003, 342, 664-672.	1.6	66
53	Non-uniform reionization by galaxies and its effect on the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2001, 320, 153-176.	1.6	61
54	MultiDark-Galaxies: data release and first results. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5206-5231.	1.6	60

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55	Self-consistent theory of halo mergers. Monthly Notices of the Royal Astronomical Society, 2005, 357, 847-858.	1.6	59
56	Modeling Tidal Streams in Evolving Dark Matter Halos. Astrophysical Journal, 2006, 645, 240-255.	1.6	57
57	Testing model predictions of the cold dark matter cosmology for the sizes, colours, morphologies and luminosities of galaxies with the SDSS. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1254-1274.	1.6	57
58	Dark Matter Constraints from a Unified Analysis of Strong Gravitational Lenses and Milky Way Satellite Galaxies. Astrophysical Journal, 2021, 917, 7.	1.6	56
59	Effects of dynamical evolution on the distribution of substructures. Monthly Notices of the Royal Astronomical Society, 2005, 364, 977-989.	1.6	55
60	nIFTy cosmology: comparison of galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4029-4059.	1.6	55
61	TERRESTRIAL PLANETS ACROSS SPACE AND TIME. Astrophysical Journal, 2016, 833, 214.	1.6	53
62	STELLAR KINEMATICS AND STRUCTURAL PROPERTIES OF VIRGO CLUSTER DWARF EARLY-TYPE GALAXIES FROM THE SMAKCED PROJECT. III. ANGULAR MOMENTUM AND CONSTRAINTS ON FORMATION SCENARIOS. Astrophysical Journal, 2015, 799, 172.	1.6	51
63	The mass assembly of galaxy groups and the evolution of the magnitude gap. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	50
64	The epoch of reionization. Monthly Notices of the Royal Astronomical Society, 2006, 369, 1055-1080.	1.6	49
65	Modelling galaxy clustering: is new physics needed in galaxy formation models?. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1527-1540.	1.6	47
66	Maximum spin of black holes driving jets. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1302-1313.	1.6	46
67	Constraints on black hole fuelling modes from the clustering of X-ray AGN. Monthly Notices of the Royal Astronomical Society, 2013, 435, 679-688.	1.6	46
68	AN ANALYTICAL MODEL FOR GALAXY METALLICITY: WHAT DO METALLICITY RELATIONS TELL US ABOUT STAR FORMATION AND OUTFLOW?. Astrophysical Journal, 2015, 808, 129.	1.6	44
69	SatGen: a semi-analytical satellite galaxy generator â€“ I. The model and its application to Local-Group satellite statistics. Monthly Notices of the Royal Astronomical Society, 2021, 502, 621-641.	1.6	44
70	NONLINEAR EVOLUTION OF DARK MATTER SUBHALOS AND APPLICATIONS TO WARM DARK MATTER. Astrophysical Journal, 2014, 792, 24.	1.6	43
71	Constraints on the properties of warm dark matter using the satellite galaxies of the Milky Way. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 062.	1.9	43
72	The flip side of galaxy formation: a combined model of galaxy formation and cluster heating. Monthly Notices of the Royal Astronomical Society, 2008, , .	1.6	41

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73	On galaxy cluster sizes and temperatures. Monthly Notices of the Royal Astronomical Society, 2001, 321, L7-L13.	1.6	40
74	Accretion shocks and cold filaments in galaxy formation. Monthly Notices of the Royal Astronomical Society, 2011, 410, 2653-2661.	1.6	39
75	Building a predictive model of galaxy formation â€“ I. Phenomenological model constrained to the z = 0 stellar mass function. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2599-2636.	1.6	39
76	Luminous red galaxies in hierarchical cosmologies. Monthly Notices of the Royal Astronomical Society, 2008, 386, 2145-2160.	1.6	38
77	THE DWARFS BEYOND: THE STELLAR-TO-HALO MASS RELATION FOR A NEW SAMPLE OF INTERMEDIATE REDSHIFT LOW-MASS GALAXIES. Astrophysical Journal, 2014, 782, 115.	1.6	38
78	The High Latitude Spectroscopic Survey on the Nancy Grace Roman Space Telescope. Astrophysical Journal, 2022, 928, 1.	1.6	38
79	LATIS: The LyÎ± Tomography IMACS Survey. Astrophysical Journal, 2020, 891, 147.	1.6	36
80	Galaxy formation spanning cosmic history. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	35
81	THRESHING IN ACTION: THE TIDAL DISRUPTION OF A DWARF GALAXY BY THE HYDRA I CLUSTER. Astrophysical Journal Letters, 2012, 755, L13.	3.0	35
82	The dark matter haloes of moderate luminosity X-ray AGN as determined from weak gravitational lensing and host stellar masses. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1874-1888.	1.6	35
83	Constraints on the massâ€“concentration relation of cold dark matter haloes with 11 strong gravitational lenses. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 492, L12-L16.	1.2	35
84	The spatial distribution of cold gas in hierarchical galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2011, 414, 2367-2385.	1.6	33
85	Predicting HÎ± emission-line galaxy counts for future galaxy redshift surveys. Monthly Notices of the Royal Astronomical Society, 2018, 474, 177-196.	1.6	33
86	A Characteristic Mass Scale in the Massâ€“Metallicity Relation of Galaxies. Astrophysical Journal, 2019, 877, 6.	1.6	33
87	The Luminosity Functions and Stellar Masses of Galactic Disks and Spheroids. Astrophysical Journal, 2002, 574, 104-113.	1.6	32
88	Statistics of Sunyaev-Zel'dovich cluster surveys. Monthly Notices of the Royal Astronomical Society, 2002, 331, 71-84.	1.6	30
89	On the continuous formation of field spheroidal galaxies in hierarchical models of structure formation. Monthly Notices of the Royal Astronomical Society, 2002, 336, 564-576.	1.6	30
90	The formation of galaxy discs in a hierarchical universe. Monthly Notices of the Royal Astronomical Society, 2007, 382, 641-651.	1.6	30

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91	Mock observations with the Millennium Simulation: cosmological downsizing and intermediate-redshift observations. Monthly Notices of the Royal Astronomical Society, 2009, 393, 1127-1140.	1.6	30
92	Dark-matter decays and MilkyÂWay satellite galaxies. Physical Review D, 2010, 82, .	1.6	30
93	The phase-space structure of tidally stripped haloes. Monthly Notices of the Royal Astronomical Society, 2017, 468, 2345-2358.	1.6	30
94	Strong lensing signatures of self-interacting dark matter in low-mass haloes. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2432-2447.	1.6	30
95	Patchy He II reionization and the physical state of the intergalactic medium. Monthly Notices of the Royal Astronomical Society, 2005, 361, 1399-1414.	1.6	29
96	Galaxy formation as a cosmological tool â€“ I. The galaxy merger history as a measure of cosmological parameters. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1125-1143.	1.6	29
97	THE ROLE OF RAM PRESSURE STRIPPING IN THE QUENCHING OF CLUSTER STAR FORMATION. Astrophysical Journal, 2010, 716, 810-818.	1.6	28
98	Bridging the gap between low- and high-mass dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 413, 2665-2678.	1.6	27
99	Early preheating and galaxy formation. Monthly Notices of the Royal Astronomical Society, 2003, 344, 835-846.	1.6	25
100	The origin of the Hubble sequence in Î›CDM cosmology. Monthly Notices of the Royal Astronomical Society, 2010, 402, 2321-2334.	1.6	25
101	Convergence of galaxy properties with merger tree temporal resolution. Monthly Notices of the Royal Astronomical Society, 2012, 419, 3590-3603.	1.6	25
102	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
103	Oscillations and stability of polytropic filaments. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2675-2685.	1.6	24
104	The mass function of unprocessed dark matter haloes and merger tree branching rates. Monthly Notices of the Royal Astronomical Society, 2017, 467, 3454-3466.	1.6	24
105	nIFTy cosmology: the clustering consistency of galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2017, 469, 749-762.	1.6	24
106	Tidal mass loss from collisionless systems. Monthly Notices of the Royal Astronomical Society, 2007, 374, 775-786.	1.6	23
107	THE ESCAPE FRACTION OF IONIZING RADIATION FROM GALAXIES. Astrophysical Journal, 2013, 770, 76.	1.6	23
108	Cosmic CARNage I: on the calibration of galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2936-2954.	1.6	23

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109	Supermassive black hole merger rates: uncertainties from halo merger theory. Monthly Notices of the Royal Astronomical Society, 2006, 371, 1992-2000.	1.6	21
110	Polarization of the Cosmic Microwave Background from Nonuniform Reionization. Astrophysical Journal, 2001, 561, 504-516.	1.6	21
111	Core-collapse, evaporation, and tidal effects: the life story of a self-interacting dark matter subhalo. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4845-4868.	1.6	21
112	Measuring the distribution of galaxies between haloes. Monthly Notices of the Royal Astronomical Society, 2001, 325, 1039-1044.	1.6	20
113	THE CONNECTION BETWEEN THE HOST HALO AND THE SATELLITE GALAXIES OF THE MILKY WAY. Astrophysical Journal, 2016, 830, 59.	1.6	20
114	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
115	Mass-loss in tidally stripped systems: the energy-based truncation method. Monthly Notices of the Royal Astronomical Society, 2020, 494, 378-395.	1.6	19
116	Predictions forHerschelfrom Î›-cold dark matter: unveiling the cosmic star formation history. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	18
117	DESCQA: An Automated Validation Framework for Synthetic Sky Catalogs. Astrophysical Journal, Supplement Series, 2018, 234, 36.	3.0	18
118	A semi-analytic model comparison - gas cooling and galaxy mergers. Monthly Notices of the Royal Astronomical Society, 0, , no-no.	1.6	17
119	X-rays and hard ultraviolet radiation from the first galaxies: ionization bubbles and 21-cm observations. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2264-2275.	1.6	17
120	Linear bias forecasts for emission line cosmological surveys. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5737-5765.	1.6	17
121	Quantifying the power spectrum of small-scale structure in semi-analytic galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 488, 5085-5092.	1.6	16
122	The Effect of Dark Matterâ€“Dark Radiation Interactions on Halo Abundance: A Pressâ€“Schechter Approach. Astrophysical Journal, 2019, 874, 101.	1.6	16
123	Constraining the noise-free distribution of halo spin parameters. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2871-2881.	1.6	15
124	Prediction of Hâ€‰Î± and [Oâ€‰iii] emission line galaxy number counts for future galaxy redshift surveys. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3667-3678.	1.6	15
125	Generating synthetic cosmological data with GalSampler. Monthly Notices of the Royal Astronomical Society, 2020, 495, 5040-5051.	1.6	15
126	Cosmic CARNage II: the evolution of the galaxy stellar mass function in observations and galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2018, 480, 1197-1210.	1.6	14

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127	The normalization and slope of the dark matter (sub-)halo mass function on sub-galactic scales. Monthly Notices of the Royal Astronomical Society, 2020, 493, 1268-1276.	1.6	14
128	The nature and descendants of Lyman-break galaxies in the Î› cold dark matter cosmology. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3709-3726.	1.6	12
129	[Oâ€‰ii] emitters in MultiDark-Galaxies and DEEP2. Monthly Notices of the Royal Astronomical Society, 2020, 497, 5432-5453.	1.6	12
130	The primordial matter power spectrum on sub-galactic scales. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3163-3188.	1.6	12
131	A new calibration method of sub-halo orbital evolution for semi-analytic models. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3902-3913.	1.6	11
132	A random-walk model for dark matter halo spins. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3371-3380.	1.6	11
133	Linear bias and halo occupation distribution of emission-line galaxies from Nancy Grace Roman Space Telescope. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2784-2800.	1.6	11
134	Analytic and numerical realizations of a disc galaxy. Monthly Notices of the Royal Astronomical Society, 2010, 407, 632-644.	1.6	9
135	The scaling relations of early-type dwarf galaxies across a range of environments. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3636-3649.	1.6	9
136	Halo concentrations from extended Pressâ€“Schechter merger histories. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5010-5020.	1.6	9
137	Statistics of Neutral Regions during Hydrogen Reionization. Astrophysical Journal, 2002, 580, L93-L96.	1.6	9
138	Probing Hot Gas Components of the Circumgalactic Medium in Cosmological Simulations with the Thermal Sunyaevâ€“Zelâ€™dovich Effect. Astrophysical Journal, 2022, 926, 179.	1.6	9
139	Angular momentum evolution in dark-matter haloes. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1963-1976.	1.6	8
140	Excursion set theory for correlated random walks. Monthly Notices of the Royal Astronomical Society, 2013, 433, 3428-3439.	1.6	8
141	TRENDS IN DWARF EARLY-TYPE KINEMATICS WITH CLUSTER-CENTRIC RADIUS DRIVEN BY TIDAL STIRRING. Astrophysical Journal, 2015, 799, 171.	1.6	7
142	Quantifying the origin and distribution of intracluster Light in a Fornax-Like Cluster. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4501-4513.	1.6	7
143	Gravity and the non-linear growth of structure in the Carnegie-Spitzer-IMACS Redshift Survey. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2628-2640.	1.6	7
144	Clustering in the simulated Hâ€‰Î± galaxy redshift survey from Nancy Grace Roman Space Telescope. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3490-3501.	1.6	7

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145	Metal distribution in the intracluster medium: a comprehensive numerical study of twelve galaxy clusters. Astronomy and Astrophysics, 2014, 569, A31.	2.1	5
146	Achieving convergence in galaxy formation models by augmenting N-body merger trees. Computational Astrophysics and Cosmology, 2016, 3, .	22.7	5
147	A semi-analytical perspective on massive galaxies at z âˆ¼ 0.55. Monthly Notices of the Royal Astronomical Society, 2019, 486, 1316-1331.	1.6	4
148	THE CIRCULAR VELOCITY FUNCTION OF GROUP GALAXIES. Astrophysical Journal, 2014, 793, 49.	1.6	3
149	A Random Walk Model for Dark Matter Halo Concentrations. Astrophysical Journal, 2021, 908, 33.	1.6	3
150	The evolution of disc galaxies. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2000, 358, 2093-2107.	1.6	1
151	AGN and the necessity of feedback. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2005, 363, 695-704.	1.6	1
152	The origin of the orbital parameter distribution of merging haloes. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2159-2169.	1.6	1
153	Galaxy formation modeling. Proceedings of the International Astronomical Union, 2004, 2004, .	0.0	0
154	Young stellar populations in early-type galaxies in the SDSS. Proceedings of the International Astronomical Union, 2007, 3, 391-394.	0.0	0
155	Constraining cold dark matter halo merger rates using the coagulation equations. Monthly Notices of the Royal Astronomical Society, 2008, , ???-???.	1.6	0
156	Covariances of galaxy stellar mass functions and correlation functions. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1062-1079.	1.6	0
157	Semi-Analytic Galaxy Formation: Understanding the High Redshift Universe. , 2001, , 295-306.		0
158	Quantitative Study of Galaxy Morphology. , 2003, , 73-77.		0
159	GALAXY FORMATION: FROM START TO FINISH. , 2011, , 5-39.		0
160	A Compendium of Extinction Curves for Simple Galactic Geometries. Research Notes of the AAS, 2018, 2, 188.	0.3	0