

Simon D M White

List of Publications by Year in descending order

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539
papers

145,668
citations

185

151
h-index

69

373
g-index

551
all docs

551
docs citations

551
times ranked

29804
citing authors

#	ARTICLE	IF	CITATIONS
1	A Universal Density Profile from Hierarchical Clustering. <i>Astrophysical Journal</i> , 1997, 490, 493-508.	1.6	7,846
2	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A6.	2.1	6,722
3	The Structure of Cold Dark Matter Halos. <i>Astrophysical Journal</i> , 1996, 462, 563.	1.6	6,326
4	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558.	3.0	4,201
5	Simulations of the formation, evolution and clustering of galaxies and quasars. <i>Nature</i> , 2005, 435, 629-636.	13.7	3,801
6	The zebrafish reference genome sequence and its relationship to the human genome. <i>Nature</i> , 2013, 496, 498-503.	13.7	3,708
7	The many lives of active galactic nuclei: cooling flows, black holes and the luminosities and colours of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 365, 11-28.	1.6	2,994
8	The host galaxies of active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 346, 1055-1077.	1.6	2,990
9	Core condensation in heavy halos: a two-stage theory for galaxy formation and clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , 1978, 183, 341-358.	1.6	2,983
10	The Origin of the Mass-Metallicity Relation: Insights from 53,000 Star-forming Galaxies in the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2004, 613, 898-913.	1.6	2,784
11	The evolution of large-scale structure in a universe dominated by cold dark matter. <i>Astrophysical Journal</i> , 1985, 292, 371.	1.6	2,556
12	The EAGLE project: simulating the evolution and assembly of galaxies and their environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 521-554.	1.6	2,549
13	The physical properties of star-forming galaxies in the low-redshift Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 351, 1151-1179.	1.6	2,530
14	Sloan Digital Sky Survey: Early Data Release. <i>Astronomical Journal</i> , 2002, 123, 485-548.	1.9	2,003
15	Populating a cluster of galaxies - I. Results at $z=0$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 328, 726-750.	1.6	1,981
16	Stellar masses and star formation histories for 105 galaxies from the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, 33-53.	1.6	1,892
17	Galaxy formation through hierarchical clustering. <i>Astrophysical Journal</i> , 1991, 379, 52.	1.6	1,788
18	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2011, 142, 72.	1.9	1,700

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19	The formation of galactic discs. Monthly Notices of the Royal Astronomical Society, 1998, 295, 319-336.	1.6	1,696
20	Stable clustering, the halo model and non-linear cosmological power spectra. Monthly Notices of the Royal Astronomical Society, 2003, 341, 1311-1332.	1.6	1,625
21	The formation and evolution of galaxies within merging dark matter haloes*. Monthly Notices of the Royal Astronomical Society, 1993, 264, 201-218.	1.6	1,525
22	The Aquarius Project: the subhaloes of galactic haloes. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1685-1711.	1.6	1,462
23	GADGET: a code for collisionless and gasdynamical cosmological simulations. New Astronomy, 2001, 6, 79-117.	0.8	1,337
24	The mass function of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2001, 321, 372-384.	1.6	1,335
25	An analytic model for the spatial clustering of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 1996, 282, 347-361.	1.6	1,209
26	The Sixth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2008, 175, 297-313.	3.0	1,202
27	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2011, 193, 29.	3.0	1,166
28	The dependence of star formation history and internal structure on stellar mass for 105 low-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2003, 341, 54-69.	1.6	1,077
29	Galactic star formation and accretion histories from matching galaxies to dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2013, 428, 3121-3138.	1.6	1,072
30	The environmental dependence of the relations between stellar mass, structure, star formation and nuclear activity in galaxies. Monthly Notices of the Royal Astronomical Society, 2004, 353, 713-731.	1.6	1,054
31	The EAGLE simulations of galaxy formation: calibration of subgrid physics and model variations. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1937-1961.	1.6	1,038
32	The Second Data Release of the Sloan Digital Sky Survey. Astronomical Journal, 2004, 128, 502-512.	1.9	953
33	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
34	The Fourth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2006, 162, 38-48.	3.0	948
35	The size distribution of galaxies in the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2003, 343, 978-994.	1.6	917
36	The ages and metallicities of galaxies in the local universe. Monthly Notices of the Royal Astronomical Society, 2005, 362, 41-58.	1.6	894

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37	Simulations of X-ray clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 275, 720-740.	1.6	883
38	The inner structure of Λ CDM haloes - III. Universality and asymptotic slopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 1039-1051.	1.6	832
39	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 17.	3.0	820
40	Joint Analysis of BICEP2/Keck Array and Planck Data. <i>Physical Review Letters</i> , 2015, 114, 101301.	2.9	819
41	Planck 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A1.	2.1	804
42	The First Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 126, 2081-2086.	1.9	800
43	The formation history of elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 366, 499-509.	1.6	798
44	Clustering of galaxies in a hierarchical universe – I. Methods and results at $z = 0$. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 303, 188-206.	1.6	793
45	The inner structure of Λ CDM haloes – I. A numerical convergence study. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 338, 14-34.	1.6	767
46	Resolving cosmic structure formation with the Millennium-II Simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1150-1164.	1.6	747
47	The baryon content of galaxy clusters: a challenge to cosmological orthodoxy. <i>Nature</i> , 1993, 366, 429-433.	13.7	745
48	Present-Day Growth of Black Holes and Bulges: The Sloan Digital Sky Survey Perspective. <i>Astrophysical Journal</i> , 2004, 613, 109-118.	1.6	684
49	The diversity and similarity of simulated cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 21-34.	1.6	639
50	The Third Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2005, 129, 1755-1759.	1.9	634
51	The statistics of Λ CDM halo concentrations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 1450-1462.	1.6	627
52	The Fifth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2007, 172, 634-644.	3.0	615
53	The host galaxies of radio-loud active galactic nuclei: mass dependences, gas cooling and active galactic nuclei feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 25-40.	1.6	603
54	The subhalo populations of Λ CDM dark haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, 819-834.	1.6	553

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55	The large-scale structure of the Universe. <i>Nature</i> , 2006, 440, 1137-1144.	13.7	525
56	<i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A24.	2.1	525
57	The age dependence of halo clustering. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005, 363, L66-L70.	1.2	522
58	Galaxy formation in the Planck cosmology â€“ I. Matching the observed evolution of star formation rates, colours and stellar masses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2663-2680.	1.6	467
59	<i>Planck</i> 2013 results. XX. Cosmology from Sunyaevâ€“Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014, 571, A20.	2.1	465
60	The APOSTLE simulations: solutions to the Local Group's cosmic puzzles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1931-1943.	1.6	453
61	Evolution of Structure in Cold Dark Matter Universes. <i>Astrophysical Journal</i> , 1998, 499, 20-40.	1.6	451
62	The formation of dark halos in a universe dominated by cold dark matter. <i>Astrophysical Journal</i> , 1988, 327, 507.	1.6	444
63	Galactic stellar haloes in the CDM model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 406, 744-766.	1.6	443
64	The amplitude of mass fluctuations in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993, 262, 1023-1028.	1.6	437
65	Debris streams in the solar neighbourhood as relicts from the formation of the Milky Way. <i>Nature</i> , 1999, 402, 53-55.	13.7	437
66	Angular momentum growth in protogalaxies. <i>Astrophysical Journal</i> , 1984, 286, 38.	1.6	432
67	The PSCz catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 317, 55-63.	1.6	414
68	The redshift dependence of the structure of massive $\hat{\Lambda}$ cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 536-544.	1.6	408
69	<i>Planck</i> 2018 results. <i>Astronomy and Astrophysics</i> , 2020, 641, A8.	2.1	400
70	The Santa Barbara Cluster Comparison Project: A Comparison of Cosmological Hydrodynamics Solutions. <i>Astrophysical Journal</i> , 1999, 525, 554-582.	1.6	399
71	The eagle simulations of galaxy formation: Public release of halo and galaxy catalogues. <i>Astronomy and Computing</i> , 2016, 15, 72-89.	0.8	394
72	COSMOS: <i>Hubble Space Telescope</i> Observations. <i>Astrophysical Journal, Supplement Series</i> , 2007, 172, 38-45.	3.0	392

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73	The Aquila comparison project: the effects of feedback and numerical methods on simulations of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 1726-1749.	1.6	381
74	SIMULATIONS ON A MOVING MESH: THE CLUSTERED FORMATION OF POPULATION III PROTOSTARS. <i>Astrophysical Journal</i> , 2011, 737, 75.	1.6	375
75	Scaling relations for galaxy clusters in the Millennium-XXL simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 2046-2062.	1.6	375
76	Numerical techniques for large cosmological N-body simulations. <i>Astrophysical Journal, Supplement Series</i> , 1985, 57, 241.	3.0	375
77	Building up the stellar halo of the Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 307, 495-517.	1.6	355
78	<i>Planck</i>2013 results. XXIV. Constraints on primordial non-Gaussianity. <i>Astronomy and Astrophysics</i> , 2014, 571, A24.	2.1	350
79	<i>Planck</i> early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. <i>Astronomy and Astrophysics</i> , 2011, 536, A8.	2.1	335
80	The haloes of bright satellite galaxies in a warm dark matter universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 2318-2324.	1.6	329
81	Simulations of dissipative galaxy formation in hierarchically clustering universes - I: Tests of the code. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993, 265, 271-300.	1.6	325
82	How do galaxies populate dark matter haloes?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	1.6	322
83	The distribution of stellar mass in the low-redshift Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 2177-2187.	1.6	316
84	Ages and metallicities of early-type galaxies in the Sloan Digital Sky Survey: new insight into the physical origin of the colour-magnitude and the Mg2-I _F V relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 1106-1124.	1.6	313
85	Intergalactic stars in $z \hat{A} 0.25$ galaxy clusters: systematic properties from stacking of Sloan Digital Sky Survey imaging data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 358, 949-967.	1.6	311
86	Hierarchical galaxy formation - Overmerging and the formation of an X-ray cluster. <i>Astrophysical Journal</i> , 1993, 412, 455.	1.6	311
87	Chemical enrichment of the intracluster and intergalactic medium in a hierarchical galaxy formation model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 1101-1116.	1.6	307
88	Gravitational clustering from scale-free initial conditions. <i>Monthly Notices of the Royal Astronomical Society</i> , 1988, 235, 715-748.	1.6	306
89	Galaxy Clusters in Hubble Volume Simulations: Cosmological Constraints from Sky Survey Populations. <i>Astrophysical Journal</i> , 2002, 573, 7-36.	1.6	305
90	The unexpected diversity of dwarf galaxy rotation curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3650-3665.	1.6	302

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91	How special are brightest group and cluster galaxies?. Monthly Notices of the Royal Astronomical Society, 2007, 379, 867-893.	1.6	293
92	Virial Scaling of Massive Dark Matter Halos: Why Clusters Prefer a High Normalization Cosmology. Astrophysical Journal, 2008, 672, 122-137.	1.6	293
93	The Auriga Project: the properties and formation mechanisms of disc galaxies across cosmic time. Monthly Notices of the Royal Astronomical Society, 0, , stx071.	1.6	293
94	Assembly bias in the clustering of dark matter haloes. Monthly Notices of the Royal Astronomical Society: Letters, 2007, 377, L5-L9.	1.2	285
95	COBE background radiation anisotropies and large-scale structure in the Universe. Monthly Notices of the Royal Astronomical Society, 1992, 258, 1P-6P.	1.6	282
96	<i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A131.	2.1	276
97	Sinking satellites and the heating of galaxy discs. Monthly Notices of the Royal Astronomical Society, 1999, 304, 254-270.	1.6	273
98	<i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. Astronomy and Astrophysics, 2014, 571, A17.	2.1	272
99	emerge an empirical model for the formation of galaxies since $z \sim 10$. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1822-1852.	1.6	270
100	Galaxy formation in WMAP1 and WMAP7 cosmologies. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1351-1365.	1.6	266
101	Simulations of dissipative galaxy formation in hierarchically clustering universes II. Dynamics of the baryonic component in galactic haloes. Monthly Notices of the Royal Astronomical Society, 1994, 267, 401-412.	1.6	264
102	Ray-tracing through the Millennium Simulation: Born corrections and lens-lens coupling in cosmic shear and galaxy-galaxy lensing. Astronomy and Astrophysics, 2009, 499, 31-43.	2.1	256
103	Ray-tracing Simulations of Weak Lensing by Large-Scale Structure. Astrophysical Journal, 2000, 530, 547-577.	1.6	255
104	The abundance and clustering of dark haloes in the standard Λ CDM cosmogony. Monthly Notices of the Royal Astronomical Society, 2002, 336, 112-118.	1.6	254
105	Substructures in cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2004, 348, 333-344.	1.6	251
106	The Evolution of the Star Formation Activity in Galaxies and Its Dependence on Environment. Astrophysical Journal, 2006, 642, 188-215.	1.6	249
107	The structure and dynamical evolution of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 1997, 286, 865-884.	1.6	246
108	The hierarchy of correlation functions and its relation to other measures of galaxy clustering. Monthly Notices of the Royal Astronomical Society, 1979, 186, 145-154.	1.6	244

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109	Halo assembly bias and its effects on galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2007, 374, 1303-1309.	1.6	243
110	Towards a more realistic population of bright spiral galaxies in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2013, 434, 3142-3164.	1.6	236
111	The formation and survival of discs in a Λ CDM universe. Monthly Notices of the Royal Astronomical Society, 2009, 396, 696-708.	1.6	232
112	The high-redshift galaxy population in hierarchical galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2007, 376, 2-12.	1.6	231
113	The merging history of dark matter haloes in a hierarchical universe. Monthly Notices of the Royal Astronomical Society, 1993, 261, 921-928.	1.6	229
114	The satellite population of the Milky Way in a Λ CDM universe. Monthly Notices of the Royal Astronomical Society, 2002, 335, L84-L88.	1.6	229
115	<i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A7.	2.1	224
116	The dependence of clustering on galaxy properties. Monthly Notices of the Royal Astronomical Society, 2006, 368, 21-36.	1.6	222
117	Galaxies' intergalactic medium interaction calculation I. Galaxy formation as a function of large-scale environment. Monthly Notices of the Royal Astronomical Society, 2009, 399, 1773-1794.	1.6	216
118	Clustering of galaxies in a hierarchical universe – II. Evolution to high redshift. Monthly Notices of the Royal Astronomical Society, 1999, 307, 529-536.	1.6	215
119	The origin of discs and spheroids in simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1544-1555.	1.6	215
120	Weakly Self-interacting Dark Matter and the Structure of Dark Halos. Astrophysical Journal, 2000, 544, L87-L90.	1.6	210
121	<i>Planck</i> 2013 results. XXX. Cosmic infrared background measurements and implications for star formation. Astronomy and Astrophysics, 2014, 571, A30.	2.1	210
122	Prospects for detecting supersymmetric dark matter in the Galactic halo. Nature, 2008, 456, 73-76.	13.7	208
123	The mass–concentration–redshift relation of cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2014, 441, 378-388.	1.6	204
124	Masses for the Local Group and the Milky Way. Monthly Notices of the Royal Astronomical Society, 2008, 384, 1459-1468.	1.6	203
125	Effects of supernova feedback on the formation of galaxy discs. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1137-1149.	1.6	203
126	Phase-space structure in the local dark matter distribution and its signature in direct detection experiments. Monthly Notices of the Royal Astronomical Society, 2009, 395, 797-811.	1.6	202

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127	The Angular Momentum of Gas in Protogalaxies. I. Implications for the Formation of Disk Galaxies. <i>Astrophysical Journal</i> , 2002, 576, 21-35.	1.6	201
128	Early reionization by the first galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 344, L7-L11.	1.6	196
129	Feedback and metal enrichment in cosmological SPH simulations $\tilde{\tau}_z^{1/2}\tilde{\tau}_z^{1/2}\tilde{\tau}_z^{1/2}$ II. A multiphase model with supernova energy feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1125-1139.	1.6	196
130	Simulations of the galaxy population constrained by observations from $z = 3$ to the present day: implications for galactic winds and the fate of their ejecta. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 3373-3395.	1.6	196
131	Discreteness effects in simulations of hot/warm dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 380, 93-103.	1.6	192
132	Galaxy growth in the concordance Λ CDM cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 2-10.	1.6	192
133	The build-up of the colour-magnitude relation in galaxy clusters since $z \hat{=} 0.8$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 374, 809-822.	1.6	189
134	Clustering in a neutrino-dominated universe. <i>Astrophysical Journal</i> , 1983, 274, L1.	1.6	189
135	Clusters, filaments, and voids in a universe dominated by cold dark matter. <i>Astrophysical Journal</i> , 1987, 313, 505.	1.6	186
136	Simulations of merging galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1978, 184, 185-203.	1.6	184
137	High-order correlations of peaks and haloes: a step towards understanding galaxy biasing. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 284, 189-201.	1.6	182
138	The assembly of galaxies in a hierarchically clustering universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 275, 56-66.	1.6	181
139	The Cluster-EAGLE project: global properties of simulated clusters with resolved galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1088-1106.	1.6	178
140	The structure of galaxy clusters in various cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 1061-1071.	1.6	175
141	Simulations of Cosmic Chemical Enrichment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 376, 1465-1479.	1.6	174
142	<i>Planck</i> early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A11.	2.1	174
143	<i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A133.	2.1	173
144	More Satellites of Spiral Galaxies. <i>Astrophysical Journal</i> , 1997, 478, 39-48.	1.6	169

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145	Simulations of mergers between disc-halo galaxies. Monthly Notices of the Royal Astronomical Society, 1983, 205, 1009-1029.	1.6	168
146	The spatial and kinematic distributions of cluster galaxies in a Λ CDM universe: comparison with observations. Monthly Notices of the Royal Astronomical Society, 2001, 323, 999-1015.	1.6	168
147	Dark matter annihilation in the halo of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2003, 345, 1313-1322.	1.6	167
148	The Hydrangea simulations: galaxy formation in and around massive clusters. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4186-4208.	1.6	167
149	Cold dark matter, the structure of galactic haloes and the origin of the Hubble sequence. Nature, 1985, 317, 595-597.	13.7	165
150	Optimal estimates of line-of-sight velocity distributions from absorption line spectra of galaxies: nuclear discs in elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 1992, 254, 389-403.	1.6	161
151	Feedback and metal enrichment in cosmological smoothed particle hydrodynamics simulations "I. A model for chemical enrichment. Monthly Notices of the Royal Astronomical Society, 2005, 364, 552-564.	1.6	161
152	The Phoenix Project: the dark side of rich Galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2169-2186.	1.6	161
153	The mass profile and accretion history of cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1103-1113.	1.6	161
154	Galactic accretion and the outer structure of galaxies in the CDM model. Monthly Notices of the Royal Astronomical Society, 2013, 434, 3348-3367.	1.6	159
155	Tidal tailspin cold dark matter cosmologies. Monthly Notices of the Royal Astronomical Society, 1999, 307, 162-178.	1.6	151
156	A calibration of the relation between the abundance of close galaxy pairs and the rate of galaxy mergers. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1489-1498.	1.6	151
157	The Dynamics of Rich Clusters of Galaxies. Monthly Notices of the Royal Astronomical Society, 1976, 177, 717-733.	1.6	149
158	EVOLUTION OF GALAXIES AND THEIR ENVIRONMENTS AT $z = 0.1-3$ IN COSMOS. Astrophysical Journal, Supplement Series, 2013, 206, 3.	3.0	146
159	A chronicle of galaxy mass assembly in the EAGLE simulation. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1659-1675.	1.6	145
160	Galaxies and subhaloes in Λ CDM galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2004, 352, L1-L5.	1.6	143
161	The Buildup of the Red Sequence in Galaxy Clusters since $z \sim 0.8$. Astrophysical Journal, 2004, 610, L77-L80.	1.6	143
162	Λ CDM intermediate results. Astronomy and Astrophysics, 2013, 557, A52.	2.1	141

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163	Universal structure of dark matter haloes over a mass range of 20 orders of magnitude. <i>Nature</i> , 2020, 585, 39-42.	13.7	140
164	Interaction-induced star formation in a complete sample of $10^{5⁵}$ nearby star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1903-1914.	1.6	139
165	Chemical signatures of formation processes in the stellar populations of simulated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 255-270.	1.6	139
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