

Simon D M White

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534
papers

123,634
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148
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347
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551
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134,401
ext. citations

6
avg, IF

8.13
L-index

#	Paper	IF	Citations
534	A Universal Density Profile from Hierarchical Clustering. <i>Astrophysical Journal</i> , 1997 , 490, 493-508	4.7	6916
533	The Structure of Cold Dark Matter Halos. <i>Astrophysical Journal</i> , 1996 , 462, 563	4.7	5452
532	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009 , 182, 543-558	8	3780
531	Simulations of the formation, evolution and clustering of galaxies and quasars. <i>Nature</i> , 2005 , 435, 629-36	50.4	3380
530	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	4.3	2688
529	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	4.3	2605
528	The zebrafish reference genome sequence and its relationship to the human genome. <i>Nature</i> , 2013 , 496, 498-503	50.4	2550
527	The host galaxies of active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 346, 1055-1077	4.3	2533
526	Planck 2018 results. <i>Astronomy and Astrophysics</i> , 2020 , 641, A6	5.1	2476
525	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	4.7	2426
524	The evolution of large-scale structure in a universe dominated by cold dark matter. <i>Astrophysical Journal</i> , 1985 , 292, 371	4.7	2200
523	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	4.3	2157
522	Sloan Digital Sky Survey: Early Data Release. <i>Astronomical Journal</i> , 2002 , 123, 485-548	4.9	1875
521	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	4.3	1867
520	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	4.3	1653
519	Populating a cluster of galaxies - I. Results at $z=0$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001 , 328, 726-750	4.3	1639
518	Galaxy formation through hierarchical clustering. <i>Astrophysical Journal</i> , 1991 , 379, 52	4.7	1592

517	The formation of galactic discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998 , 295, 319-336	4.3	1550
516	Stable clustering, the halo model and non-linear cosmological power spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 341, 1311-1332	4.3	1473
515	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2011 , 142, 72	4.9	1438
514	The formation and evolution of galaxies within merging dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993 , 264, 201-218	4.3	1398
513	The Aquarius Project: the subhaloes of galactic haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 391, 1685-1711	4.3	1299
512	The mass function of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001 , 321, 372-384	4.3	1245
511	GADGET: a code for collisionless and gasdynamical cosmological simulations. <i>New Astronomy</i> , 2001 , 6, 79-117	1.8	1232
510	An analytic model for the spatial clustering of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996 , 282, 347-361	4.3	1135
509	The Sixth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2008 , 175, 297-313	8	1130
508	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2011 , 193, 29	8	1063
507	The dependence of star formation history and internal structure on stellar mass for 105 low-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 341, 54-69	4.3	974
506	The environmental dependence of the relations between stellar mass, structure, star formation and nuclear activity in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 353, 713-731	4.3	947
505	Galactic star formation and accretion histories from matching galaxies to dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 428, 3121-3138	4.3	911
504	The Fourth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2006 , 162, 38-48	8	909
503	The Second Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2004 , 128, 502-512	4.9	887
502	From dwarf spheroidals to cD galaxies: simulating the galaxy population in a Λ CDM cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 413, 101-131	4.3	853
501	Simulations of X-ray clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995 , 275, 720-740	4.3	833
500	The size distribution of galaxies in the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 343, 978-994	4.3	819

499	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	4.3	781
498	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	8	760
497	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	4.3	759
496	The formation history of elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 366, 499-509	4.3	752
495	The ages and metallicities of galaxies in the local universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 362, 41-58	4.3	748
494	The First Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003 , 126, 2081-2086	4.9	746
493	The EAGLE simulations of galaxy formation: calibration of subgrid physics and model variations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 450, 1937-1961	4.3	733
492	The baryon content of galaxy clusters: a challenge to cosmological orthodoxy. <i>Nature</i> , 1993 , 366, 429-433	30.4	705
491	Joint analysis of BICEP2/keck array and Planck Data. <i>Physical Review Letters</i> , 2015 , 114, 101301	7.4	691
490	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	4.3	677
489	Resolving cosmic structure formation with the Millennium-II Simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 398, 1150-1164	4.3	670
488	Present-Day Growth of Black Holes and Bulges: The Sloan Digital Sky Survey Perspective. <i>Astrophysical Journal</i> , 2004 , 613, 109-118	4.7	619
487	The Third Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2005 , 129, 1755-1759	4.9	597
486	The Fifth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2007 , 172, 634-644	8	590
485	The statistics of Λ CDM halo concentrations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 381, 1450-1462	4.3	561
484	The diversity and similarity of simulated cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 402, 21-34	4.3	556
483	Galaxy Formation and Evolution 2010 ,		533
482	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	4.3	529

481	The subhalo populations of Λ CDM dark haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 355, 819-834	4.3	504
480	The age dependence of halo clustering. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005 , 363, L66-L70	4.3	458
479	The large-scale structure of the Universe. <i>Nature</i> , 2006 , 440, 1137-44	50.4	433
478	The amplitude of mass fluctuations in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993 , 262, 1023-1028	4.3	418
477	Planck2015 results. <i>Astronomy and Astrophysics</i> , 2016 , 594, A24	5.1	416
476	Evolution of Structure in Cold Dark Matter Universes. <i>Astrophysical Journal</i> , 1998 , 499, 20-40	4.7	415
475	Planck2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. <i>Astronomy and Astrophysics</i> , 2014 , 571, A20	5.1	394
474	The formation of dark halos in a universe dominated by cold dark matter. <i>Astrophysical Journal</i> , 1988 , 327, 507	4.7	391
473	The PSCz catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000 , 317, 55-63	4.3	390
472	Galactic stellar haloes in the CDM model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 406, 744-766	4.3	387
471	Angular momentum growth in protogalaxies. <i>Astrophysical Journal</i> , 1984 , 286, 38	4.7	374
470	Galaxy formation in the Planck cosmology II. 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	4.3	371
469	The Santa Barbara Cluster Comparison Project: A Comparison of Cosmological Hydrodynamics Solutions. <i>Astrophysical Journal</i> , 1999 , 525, 554-582	4.7	371
468	The redshift dependence of the structure of massive Λ cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 387, 536-544	4.3	363
467	Debris streams in the solar neighbourhood as relicts from the formation of the Milky Way. <i>Nature</i> , 1999 , 402, 53-55	50.4	359
466	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	4.3	355
465	COSMOS: Hubble Space Telescope Observations. <i>Astrophysical Journal, Supplement Series</i> , 2007 , 172, 38-45	8	350
464	Numerical techniques for large cosmological N-body simulations. <i>Astrophysical Journal, Supplement Series</i> , 1985 , 57, 241	8	349

463	The APOSTLE simulations: solutions to the Local Group's cosmic puzzles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 457, 1931-1943	4.3	347
462	SIMULATIONS ON A MOVING MESH: THE CLUSTERED FORMATION OF POPULATION III PROTOSTARS. <i>Astrophysical Journal</i> , 2011 , 737, 75	4.7	324
461	Scaling relations for galaxy clusters in the Millennium-XXL simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 2046-2062	4.3	316
460	Planck2018 results. <i>Astronomy and Astrophysics</i> , 2020 , 641, A1	5.1	316
459	Building up the stellar halo of the Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999 , 307, 495-517	4.3	312
458	Planckearly results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. <i>Astronomy and Astrophysics</i> , 2011 , 536, A8	5.1	304
457	Galaxy Clusters in Hubble Volume Simulations: Cosmological Constraints from Sky Survey Populations. <i>Astrophysical Journal</i> , 2002 , 573, 7-36	4.7	298
456	Planck2013 results. XXIV. Constraints on primordial non-Gaussianity. <i>Astronomy and Astrophysics</i> , 2014 , 571, A24	5.1	295
455	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	4.3	291
454	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	4.3	291
453	Intergalactic stars in $z \approx 0.25$ 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	4.3	289
452	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	4.3	288
451	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- ν relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 370, 1106-1124	4.3	287
450	The eagle simulations of galaxy formation: Public release of halo and galaxy catalogues. <i>Astronomy and Computing</i> , 2016 , 15, 72-89	2.4	285
449	Gravitational clustering from scale-free initial conditions. <i>Monthly Notices of the Royal Astronomical Society</i> , 1988 , 235, 715-748	4.3	285
448	The distribution of stellar mass in the low-redshift Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 398, 2177-2187	4.3	282
447	Hierarchical galaxy formation - Overmerging and the formation of an X-ray cluster. <i>Astrophysical Journal</i> , 1993 , 412, 455	4.7	280
446	How do galaxies populate dark matter haloes?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 ,	4.3	272

445	Virial Scaling of Massive Dark Matter Halos: Why Clusters Prefer a High Normalization Cosmology. <i>Astrophysical Journal</i> , 2008 , 672, 122-137	4.7	265
444	COBE background radiation anisotropies and large-scale structure in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992 , 258, 1P-6P	4.3	265
443	How special are brightest group and cluster galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 379, 867-893	4.3	264
442	Sinking satellites and the heating of galaxy discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999 , 304, 254-270	4.3	253
441	Assembly bias in the clustering of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2007 , 377, L5-L9	4.3	249
440	Simulations of dissipative galaxy formation in hierarchically clustering universes II. Dynamics of the baryonic component in galactic haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994 , 267, 401-412	4.3	242
439	Substructures in cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 348, 333-344	4.3	237
438	The abundance and clustering of dark haloes in the standard Λ CDM cosmogony. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002 , 336, 112-118	4.3	237
437	Planckintermediate results. <i>Astronomy and Astrophysics</i> , 2013 , 550, A131	5.1	236
436	The Evolution of the Star Formation Activity in Galaxies and Its Dependence on Environment. <i>Astrophysical Journal</i> , 2006 , 642, 188-215	4.7	234
435	Ray-tracing Simulations of Weak Lensing by Large-Scale Structure. <i>Astrophysical Journal</i> , 2000 , 530, 547-577	4.7	234
434	Galaxy Formation in WMAP1 and WMAP7 cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 428, 1351-1365	4.3	233
433	Planck2013 results. XVII. Gravitational lensing by large-scale structure. <i>Astronomy and Astrophysics</i> , 2014 , 571, A17	5.1	233
432	The structure and dynamical evolution of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997 , 286, 865-884	4.3	230
431	The satellite population of the Milky Way in a Λ CDM universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002 , 335, L84-L88	4.3	227
430	Ray-tracing through the Millennium Simulation: Born corrections and lens-lens coupling in cosmic shear and galaxy-galaxy lensing. <i>Astronomy and Astrophysics</i> , 2009 , 499, 31-43	5.1	226
429	The unexpected diversity of dwarf galaxy rotation curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 452, 3650-3665	4.3	218
428	The merging history of dark matter haloes in a hierarchical universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993 , 261, 921-928	4.3	217

427	The high-redshift galaxy population in hierarchical galaxy formation models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 376, 2-12	4.3	215
426	Halo assembly bias and its effects on galaxy clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 374, 1303-1309	4.3	213
425	The hierarchy of correlation functions and its relation to other measures of galaxy clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , 1979 , 186, 145-154	4.3	213
424	Planck early results. VII. The Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2011 , 536, A7	5.1	209
423	Clustering of galaxies in a hierarchical universe -- II. Evolution to high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999 , 307, 529-536	4.3	208
422	The dependence of clustering on galaxy properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 368, 21-36	4.3	207
421	Towards a more realistic population of bright spiral galaxies in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 434, 3142-3164	4.3	206
420	The formation and survival of discs in a Λ CDM universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 396, 696-708	4.3	204
419	Galaxies and intergalactic medium interaction calculation. I. Galaxy formation as a function of large-scale environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 399, 1773-1794	4.3	200
418	Weakly Self-interacting Dark Matter and the Structure of Dark Halos. <i>Astrophysical Journal</i> , 2000 , 544, L87-L90	4.7	197
417	Prospects for detecting supersymmetric dark matter in the Galactic halo. <i>Nature</i> , 2008 , 456, 73-6	50.4	196
416	Masses for the Local Group and the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 384, 1459-1468	4.3	191
415	The Angular Momentum of Gas in Protogalaxies. I. Implications for the Formation of Disk Galaxies. <i>Astrophysical Journal</i> , 2002 , 576, 21-35	4.7	187
414	Early reionization by the first galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 344, L7-L11	4.3	186
413	Phase-space structure in the local dark matter distribution and its signature in direct detection experiments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 395, 797-811	4.3	185
412	Effects of supernova feedback on the formation of galaxy discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 389, 1137-1149	4.3	183
411	Feedback and metal enrichment in cosmological SPH simulations. II. A multiphase model with supernova energy feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006 , 371, 1125-1139	4.3	182
410	The build-up of the colour-magnitude relation in galaxy clusters since $z \approx 0.8$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 374, 809-822	4.3	181

409	The origin of discs and spheroids in simulated galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 423, 1544-1555	4.3	179
408	Galaxy growth in the concordance Λ CDM cosmology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 384, 2-10	4.3	178
407	emerge In an empirical model for the formation of galaxies since $z \sim 10$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 1822-1852	4.3	177
406	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	4.3	176
405	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	4.3	174
404	Planck2018 results. <i>Astronomy and Astrophysics</i> , 2020 , 641, A8	5.1	173
403	Clusters, filaments, and voids in a universe dominated by cold dark matter. <i>Astrophysical Journal</i> , 1987 , 313, 505	4.7	172
402	Planck2013 results. XXX. Cosmic infrared background measurements and implications for star formation. <i>Astronomy and Astrophysics</i> , 2014 , 571, A30	5.1	171
401	Simulations of merging galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1978 , 184, 185-203	4.3	171
400	Discreteness effects in simulations of hot/warm dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 380, 93-103	4.3	170
399	The Auriga Project: the properties and formation mechanisms of disc galaxies across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , stx071	4.3	169
398	The structure of galaxy clusters in various cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998 , 296, 1061-1071	4.3	168
397	Planckearly results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. <i>Astronomy and Astrophysics</i> , 2011 , 536, A11	5.1	165
396	The mass-concentration-redshift relation of cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 441, 378-388	4.3	164
395	The spatial and kinematic distributions of cluster galaxies in a Λ CDM universe: comparison with observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001 , 323, 999-1015	4.3	163
394	Clustering in a neutrino-dominated universe. <i>Astrophysical Journal</i> , 1983 , 274, L1	4.7	163
393	More Satellites of Spiral Galaxies. <i>Astrophysical Journal</i> , 1997 , 478, 39-48	4.7	160
392	Simulations of Cosmic Chemical Enrichment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 376, 1465-1479	4.3	158

391	Dark matter annihilation in the halo of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003 , 345, 1313-1322	4.3	158
390	Optimal estimates of line-of-sight velocity distributions from absorption line spectra of galaxies: nuclear discs in elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1992 , 254, 389-403	4.3	155
389	Simulations of mergers between disc-halo galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1983 , 205, 1009-1029	4.3	154
388	Cold dark matter, the structure of galactic haloes and the origin of the Hubble sequence. <i>Nature</i> , 1985 , 317, 595-597	50.4	152
387	Feedback and metal enrichment in cosmological smoothed particle hydrodynamics simulations II. A model for chemical enrichment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005 , 364, 552-564	4.3	149
386	The Phoenix Project: the dark side of rich Galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 425, 2169-2186	4.3	140
385	Planckintermediate results. <i>Astronomy and Astrophysics</i> , 2016 , 586, A133	5.1	140
384	Tidal tailspin cold dark matter cosmologies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999 , 307, 162-178	4.3	138
383	The Buildup of the Red Sequence in Galaxy Clusters since $z \sim 0.8$. <i>Astrophysical Journal</i> , 2004 , 610, L77-L80	4.7	137
382	The mass profile and accretion history of cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 1103-1113	4.3	136
381	Galaxies and subhaloes in Λ CDM galaxy clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004 , 352, L1-L5	4.3	136
380	A calibration of the relation between the abundance of close galaxy pairs and the rate of galaxy mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 391, 1489-1498	4.3	135
379	The assembly of galaxies in a hierarchically clustering universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995 , 275, 56-66	4.3	134
378	The Dynamics of Rich Clusters of Galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1976 , 177, 717-733	4.3	133
377	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	4.3	131
376	EVOLUTION OF GALAXIES AND THEIR ENVIRONMENTS AT $z = 0.1-3$ IN COSMOS. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 206, 3	8	129
375	The massive halos of spiral galaxies. <i>Astrophysical Journal</i> , 1994 , 435, 599	4.7	128
374	Non-linear stochastic galaxy biasing in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001 , 320, 289-306	4.3	127

373	Galaxy clusters and the amplitude of primordial fluctuations. <i>Astrophysical Journal</i> , 1990 , 351, 10	4-7	127
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