

# Andrea V Macchi<sup>2</sup>

## List of Publications by Year in descending order

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154  
papers

10,606  
citations

38742

50  
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33894

99  
g-index

157  
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157  
docs citations

157  
times ranked

5400  
citing authors

#	ARTICLE	IF	CITATIONS
1	A first estimate of the Milky Way dark matter halo spin. <i>Astronomy and Astrophysics</i> , 2022, 657, A15.	5.1	11
2	Using artificial intelligence and real galaxy images to constrain parameters in galaxy formation simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2135-2141.	4.4	1
3	NIHAO-LG: the uniqueness of Local Group dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 6134-6149.	4.4	6
4	NIHAO â€“ XXVIII. Collateral effects of AGN on dark matter concentration and stellar kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5307-5319.	4.4	1
5	NIHAO â€“ XXVII. Crossing the green valley. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 5296-5306.	4.4	1
6	Sparse Identification of Variable Star Dynamics. <i>Astrophysical Journal</i> , 2022, 930, 161.	4.5	2
7	The diversity of spiral galaxies explained. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3510-3531.	4.4	7
8	A Shallow Dark Matter Halo in Ultra-diffuse Galaxy AGC 242019: Are UDGs Structurally Similar to Low-surface-brightness Galaxies?. <i>Astrophysical Journal Letters</i> , 2021, 919, L1.	8.3	7
9	The challenge of simultaneously matching the observed diversity of chemical abundance patterns in cosmological hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3365-3387.	4.4	24
10	A model for core formation in dark matter haloes and ultra-diffuse galaxies by outflow episodes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4523-4542.	4.4	42
11	NIHAO XXIV: rotation- or pressure-supported systems? Simulated Ultra Diffuse Galaxies show a broad distribution in their stellar kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4282-4292.	4.4	12
12	The Dekel-Zhao profile: a mass-dependent dark-matter density profile with flexible inner slope and analytic potential, velocity dispersion, and lensing properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2912-2933.	4.4	25
13	Exploring the origin of low-metallicity stars in Milky-Way-like galaxies with the NIHAO-UHD simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3750-3762.	4.4	30
14	Abundance matching tested on small scales with galaxy dynamics. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 496, L101-L105.	3.3	5
15	NIHAOâ€™â€™â€™XXIII. Dark matter density shaped by black hole feedback. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 495, L46-L50.	3.3	24
16	Simulations of satellite tidal debris in the Milky Way halo. <i>Astronomy and Astrophysics</i> , 2020, 636, A106.	5.1	6
17	NIHAO â€“ XXV. Convergence in the cusp-core transformation of cold dark matter haloes at high star formation thresholds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2648-2661.	4.4	23
18	Creating a galaxy lacking dark matter in a dark matter-dominated universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 693-700.	4.4	22

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19	NIHAO XVI: the properties and evolution of kinematically selected discs, bulges, and stellar haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4424-4456.	4.4	27
20	Formation of ultra-diffuse galaxies in the field and in galaxy groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5272-5290.	4.4	87
21	NIHAO â€“ XXII. Introducing black hole formation, accretion, and feedback into the NIHAO simulation suite. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5476-5489.	4.4	15
22	Local photoionization feedback effects on galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1518-1538.	4.4	10
23	Clues to the nature of dark matter from first galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 487-496.	4.4	2
24	Drivers of disc tilting I: correlations and possible drivers for Milky Way analogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 5728-5738.	4.4	8
25	Is the dark-matter halo spin a predictor of galaxy spin and size?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4801-4815.	4.4	77
26	NIHAO XV: the environmental impact of the host galaxy on galactic satellite and field dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1314-1341.	4.4	93
27	NIHAO XX: the impact of the star formation threshold on the cuspyâ€“core transformation of cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 655-671.	4.4	46
28	NIHAO XXI: the emergence of low surface brightness galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2535-2548.	4.4	25
29	Stars behind Bars II: A Cosmological Formation Scenario for the Milky Wayâ€™s Central Stellar Structure. <i>Astrophysical Journal</i> , 2019, 874, 67.	4.5	19
30	Angular momentum evolution of bulge stars in disc galaxies in NIHAO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 5477-5491.	4.4	9
31	A deeper look into the structure of $\Lambda$ CDM haloes: correlations between halo parameters from Einasto fits. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 5259-5267.	4.4	7
32	An observational test for star formation prescriptions in cosmological hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1481-1487.	4.4	23
33	CGM properties in VELA and NIHAO simulations; the OVI ionization mechanism: dependence on redshift, halo mass, and radius. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3625-3645.	4.4	25
34	The edge of galaxy formation III: the effects of warm dark matter on Milky Way satellites and field dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 5400-5408.	4.4	11
35	NIHAO â€“ XVIII. Origin of the MOND phenomenology of galactic rotation curves in a $\Lambda$ CDM universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1886-1899.	4.4	29
36	NIHAO XIX: how supernova feedback shapes the galaxy baryon cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2511-2531.	4.4	44

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37	Quantifying inhomogeneities in the HI distributions of simulated galaxies. <i>Journal of Physics: Conference Series</i> , 2019, 1258, 012023.	0.4	0
38	The stellar orbit distribution in present-day galaxies inferred from the CALIFA survey. <i>Nature Astronomy</i> , 2018, 2, 233-238.	10.1	56
39	Dynamic Equilibrium Sets of the Atomic Content of Galaxies across Cosmic Time. <i>Astrophysical Journal</i> , 2018, 868, 93.	4.5	8
40	NIHAO â€“ XIV. Reproducing the observed diversity of dwarf galaxy rotation curve shapes in $\Lambda$ CDM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4392-4403.	4.4	52
41	Introducing galactic structure finder: the multiple stellar kinematic structures of a simulated Milky Way mass galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 4915-4930.	4.4	27
42	Inspiraling halo accretion mapped in Ly $\alpha$ emission around a $z \sim 1.4$ quasar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 3907-3940.	4.4	79
43	Stars Behind Bars. I. The Milky Way's Central Stellar Populations. <i>Astrophysical Journal</i> , 2018, 861, 88.	4.5	35
44	The tilting rate of the Milky Way's disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 4095-4101.	4.4	6
45	NIHAO â€“ VIII. Circum-galactic medium and outflows â€“ The puzzles of H $\alpha$ and O $\alpha$ gas distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2796-2815.	4.4	48
46	NIHAO â€“ XI. Formation of ultra-diffuse galaxies by outflows. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 466, L1-L6.	3.3	185
47	NIHAO XII: galactic uniformity in a $\Lambda$ CDM universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4937-4950.	4.4	39
48	Dark-matter halo profiles of a general cusp/core with analytic velocity and potential. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1005-1022.	4.4	32
49	The edge of galaxy formation â€“ I. Formation and evolution of MW-satellite analogues before accretion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2356-2366.	4.4	42
50	The edge of galaxy formation â€“ II. Evolution of Milky Way satellite analogues after infall. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3378-3389.	4.4	27
51	NIHAO XIII: Clumpy discs or clumpy light in high-redshift galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3628-3649.	4.4	54
52	NIHAO-UHD: High-resolution Simulations of MW mass galaxies. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 209-212.	0.0	0
53	Thin Planes of Satellites in $\Lambda$ CDM are not kinematically coherent. <i>Proceedings of the International Astronomical Union</i> , 2016, 11, 40-41.	0.0	0
54	NIHAO X: reconciling the local galaxy velocity function with cold dark matter via mock H $\alpha$ observations. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 463, L69-L73.	3.3	55

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55	Effects of coupled dark energy on the Milky Way and its satellites. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2490-2501.	4.4	13
56	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
57	NIHAO project II: halo shape, phase-space density and velocity distribution of dark matter in galaxy formation simulations. Monthly Notices of the Royal Astronomical Society, 2016, 462, 663-680.	4.4	54
58	NIHAO VI. The hidden discs of simulated galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 459, 467-486.	4.4	55
59	Simulated $\Lambda$ CDM analogues of the thin plane of satellites around the Andromeda galaxy are not kinematically coherent structures. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4348-4365.	4.4	35
60	Galaxy formation with local photoionization feedback – II. Effect of X-ray emission from binaries and hot gas. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2516-2529.	4.4	14
61	NIHAO V: too big does not fail – reconciling the conflict between $\Lambda$ CDM predictions and the circular velocities of nearby field galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 457, L74-L78.	3.3	60
62	NIHAO – 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
63	On the dependence of galaxy morphologies on galaxy mergers. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2968-2977.	4.4	16
64	EVIDENCE FOR EARLY FILAMENTARY ACCRETION FROM THE ANDROMEDA GALAXY’S THIN PLANE OF SATELLITES. Astrophysical Journal, 2015, 809, 49.	4.5	37
65	A NEW CHANNEL FOR THE FORMATION OF KINEMATICALLY DECOUPLED CORES IN EARLY-TYPE GALAXIES. Astrophysical Journal Letters, 2015, 802, L3.	8.3	34
66	The star formation and AGN luminosity relation: predictions from a semi-analytical model. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3759-3767.	4.4	7
67	NIHAO project – I. Reproducing the inefficiency of galaxy formation across cosmic time with a large sample of cosmological hydrodynamical simulations. Monthly Notices of the Royal Astronomical Society, 2015, 454, 83-94.	4.4	267
68	NIHAO III: the constant disc gas mass conspiracy. Monthly Notices of the Royal Astronomical Society, 2015, 454, 1105-1116.	4.4	27
69	Star formation in mergers with cosmologically motivated initial conditions. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2984-3000.	4.4	11
70	The response of dark matter haloes to elliptical galaxy formation: a new test for quenching scenarios. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2448-2465.	4.4	22
71	From discs to bulges: effect of mergers on the morphology of galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 452, 4347-4360.	4.4	27
72	Strongly coupled dark energy cosmologies: preserving $\Lambda$ CDM success and easing low scale problems – I. Linear theory revisited. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1002-1012.	4.4	15

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73	Strongly coupled dark energy cosmologies: preserving $\Lambda$ CDM success and easing low-scale problems – II. Cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1371-1378.	4.4	26
74	SATELLITE ALIGNMENT. I. DISTRIBUTION OF SUBSTRUCTURES AND THEIR DEPENDENCE ON ASSEMBLY HISTORY FROM $N$ -BODY SIMULATIONS. Astrophysical Journal, 2014, 786, 8.	4.5	36
75	Cold stream stability during minor mergers. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 439, L85-L89.	3.3	3
76	Dark MaGICC: the effect of dark energy on disc galaxy formation. Cosmology does matter. Monthly Notices of the Royal Astronomical Society, 2014, 442, 176-186.	4.4	27
77	MaGICC baryon cycle: the enrichment history of simulated disc galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 443, 3809-3818.	4.4	58
78	Warm dark matter does not do better than cold dark matter in solving small-scale inconsistencies. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 441, L6-L10.	3.3	82
79	Numerical hydrodynamic simulations based on semi-analytic galaxy merger trees: method and Milky Way-like galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 437, 1027-1044.	4.4	17
80	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
81	The MaGICC volume: reproducing statistical properties of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3529-3539.	4.4	50
82	3D simulations of the early stages of AGN jets: geometry, thermodynamics and backflow. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2903-2916.	4.4	41
83	THE DISTRIBUTION OF SATELLITES AROUND CENTRAL GALAXIES IN A COSMOLOGICAL HYDRODYNAMICAL SIMULATION. Astrophysical Journal Letters, 2014, 791, L33.	8.3	33
84	$\hat{\Gamma}^3$ -ray anisotropies from dark matter in the Milky Way: the role of the radial distribution. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1151-1156.	4.4	17
85	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
86	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
87	Galaxy formation with local photoionization feedback – I. Methods. Monthly Notices of the Royal Astronomical Society, 2014, 437, 2882-2893.	4.4	45
88	Cold dark matter haloes in the Planck era: evolution of structural parameters for Einasto and NFW profiles. Monthly Notices of the Royal Astronomical Society, 2014, 441, 3359-3374.	4.4	661
89	Hints on the nature of dark matter from the properties of Milky Way satellites. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 014-014.	5.4	83
90	The most luminous quasars do not live in the most massive dark matter haloes at any redshift. Monthly Notices of the Royal Astronomical Society, 2013, 436, 315-326.	4.4	74

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91	Universal IMF versus dark halo response in early-type galaxies: breaking the degeneracy with the Fundamental Plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2496-2511.	4.4	87
92	Making Galaxies In a Cosmological Context: the need for early stellar feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 129-140.	4.4	361
93	MaGICC thick disc â€œ I. Comparing a simulated disc formed with stellar feedback to the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 625-634.	4.4	107
94	The dependence of tidal stripping efficiency on the satellite and host galaxy morphology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 3533-3542.	4.4	39
95	THE EFFECT OF WARM DARK MATTER ON GALAXY PROPERTIES: CONSTRAINTS FROM THE STELLAR MASS FUNCTION AND THE TULLY-FISHER RELATION. <i>Astrophysical Journal</i> , 2013, 767, 22.	4.5	42
96	The inner structure of haloes in cold+warm dark matter models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 882-890.	4.4	75
97	Thin disc, thick disc and halo in a simulated galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 690-700.	4.4	163
98	INTERACTION BETWEEN DARK MATTER SUB-HALOS AND A GALACTIC GASEOUS DISK. <i>Astrophysical Journal</i> , 2012, 746, 10.	4.5	21
99	DWARFS GOBBLING DWARFS: A STELLAR TIDAL STREAM AROUND NGC 4449 AND HIERARCHICAL GALAXY FORMATION ON SMALL SCALES. <i>Astrophysical Journal Letters</i> , 2012, 748, L24.	8.3	118
100	The distribution of metals in cosmological hydrodynamical simulations of dwarf disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 969-978.	4.4	65
101	magicc haloes: confronting simulations with observations of the circumgalactic medium at z=0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 1270-1277.	4.4	119
102	A fundamental problem in our understanding of low-mass galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 2797-2812.	4.4	139
103	AN ATTRACTOR FOR THE DYNAMICAL STATE OF THE INTRACLUSTER MEDIUM. <i>Astrophysical Journal Letters</i> , 2012, 746, L28.	8.3	1
104	The effects of a hot gaseous halo on disc thickening in galaxy minor mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 2045-2057.	4.4	30
105	Non-linear evolution of cosmological structures in warm dark matter models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 684-698.	4.4	217
106	Cores in warm dark matter haloes: a Catch 22 problem. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1105-1112.	4.4	204
107	WHAT SETS THE SIZES OF THE FAINTEST GALAXIES?. <i>Astrophysical Journal</i> , 2011, 743, 179.	4.5	41
108	THE TEMPERATURE OF HOT GAS IN GALAXIES AND CLUSTERS: BARYONS DANCING TO THE TUNE OF DARK MATTER. <i>Astrophysical Journal</i> , 2011, 734, 62.	4.5	9



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109	THE NON-CAUSAL ORIGIN OF THE BLACK-HOLE-GALAXY SCALING RELATIONS. <i>Astrophysical Journal</i> , 2011, 734, 92.	4.5	291
110	The redshift evolution of $\hat{\rho}$ cold dark matter halo parameters: concentration, spin and shape. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 584-594.	4.4	159
111	Comparing galactic satellite properties in hydrodynamical and N-body simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 878-886.	4.4	20
112	The effects of a hot gaseous halo in galaxy major mergers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 3750-3770.	4.4	74
113	Properties of dark matter haloes and their correlations: the lesson from principal component analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 2388-2400.	4.4	40
114	THE EFFECT OF COUPLED DARK ENERGY ON THE ALIGNMENT BETWEEN DARK MATTER AND GALAXY DISTRIBUTIONS IN CLUSTERS. <i>Astrophysical Journal</i> , 2011, 732, 112.	4.5	26
115	Non-linear weak lensing forecasts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 026-026.	5.4	19
116	On the origin and history of stars in spiral galaxies. , 2010, , .		0
117	THE ENIGMATIC PAIR OF DWARF GALAXIES LEO IV AND LEO V: COINCIDENCE OR COMMON ORIGIN?. <i>Astrophysical Journal</i> , 2010, 710, 1664-1671.	4.5	45
118	STRUCTURE FORMATION BY FIFTH FORCE: POWER SPECTRUM FROM N -BODY SIMULATIONS. <i>Astrophysical Journal Letters</i> , 2010, 712, L179-L183.	8.3	28
119	How cold is dark matter? Constraints from Milky Way satellites. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 404, L16-L20.	3.3	90
120	Luminosity function and radial distribution of Milky Way satellites in a $\hat{\rho}$ CDM Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 1995-2008.	4.4	161
121	Dissecting the spin distribution of dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 407, 1338-1346.	4.4	15
122	CONSTRAINTS ON THE RELATIONSHIP BETWEEN STELLAR MASS AND HALO MASS AT LOW AND HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2010, 710, 903-923.	4.5	943
123	DARK MATTER ANGULAR MOMENTUM PROFILE FROM THE JEANS EQUATION. <i>Astrophysical Journal</i> , 2009, 694, 893-901.	4.5	2
124	CENTRAL MASS AND LUMINOSITY OF MILKY WAY SATELLITES IN THE $\hat{\rho}$ COLD DARK MATTER MODEL. <i>Astrophysical Journal</i> , 2009, 692, L109-L112.	4.5	45
125	A QUANTITATIVE EXPLANATION OF THE OBSERVED POPULATION OF MILKY WAY SATELLITE GALAXIES. <i>Astrophysical Journal</i> , 2009, 696, 2179-2194.	4.5	193
126	Dynamical dark energy simulations: high accuracy power spectra at high redshift. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 014-014.	5.4	38



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127	The formation of ultra-compact dwarf galaxies and nucleated dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 2136-2142.	4.4	72
128	Concentration, spin and shape of dark matter haloes as a function of the cosmological model: $\Lambda$ CDM, $\Lambda$ CDM+ $\tau$ and $\Lambda$ CDM+ $\tau$ + $\nu$ results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 1940-1954.	4.4	563
129	Alas, the Dark Matter Structures Were Not That Trivial. <i>Astrophysical Journal</i> , 2008, 689, L33-L36.	4.5	21
130	Radial Density Profiles of Time-Delay Lensing Galaxies. <i>Astrophysical Journal</i> , 2007, 667, 645-654.	4.5	32
131	Towards a concordant model of halo occupation statistics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 376, 841-860.	4.4	237
132	Concentration, spin and shape of dark matter haloes: scatter and the dependence on mass and environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 378, 55-71.	4.4	466
133	Dependence of the local reionization history on halo mass and environment: did Virgo reionize the Local Group?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 367-376.	4.4	28
134	Constraining warm dark matter using QSO gravitational lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 1225-1232.	4.4	53
135	The Hubble Time Inferred from 10 Time Delay Lenses. <i>Astrophysical Journal</i> , 2006, 650, L17-L20.	4.5	73
136	The Origin of Polar Ring Galaxies: Evidence for Galaxy Formation by Cold Accretion. <i>Astrophysical Journal</i> , 2006, 636, L25-L28.	4.5	71
137	Tracing the nature of dark energy with galaxy distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 366, 1346-1356.	4.4	15
138	Radial distribution and strong lensing statistics of satellite galaxies and substructure using high-resolution $\Lambda$ CDM hydrodynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 366, 1529-1538.	4.4	99
139	The effect of low-mass substructures on the cusp lensing relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 599-608.	4.4	40
140	The signature of dark energy on the local Hubble flow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 359, 941-948.	4.4	43
141	Strong gravitational lensing and dynamical dark energy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 1250-1256.	4.4	18
142	Non-linear predictions from linear theories in models with Dark Energy. <i>New Astronomy</i> , 2003, 8, 173-178.	1.8	27
143	Halo Properties in Models with Dynamical Dark Energy. <i>Astrophysical Journal</i> , 2003, 599, 31-37.	4.5	76
144	Mass of Clusters in Simulations. <i>Astrophysical Journal</i> , 2003, 588, 35-49.	4.5	16

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145	Modeling Dynamical Dark Energy. <i>Astrophysical Journal</i> , 2003, 599, 24-30.	4.5	56
146	Constraining $\hat{\beta}$ Using Cluster Quadrupoles. <i>Astrophysical Journal</i> , 2002, 564, 1-7.	4.5	2
147	Limber equation for luminosity dependent correlations. <i>New Astronomy</i> , 1999, 4, 557-562.	1.8	2
148	Universal merger histories of dark-matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 403, 984-995.	4.4	17
149	Can gas prevent the destruction of thin stellar discs by minor mergers?. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 403, 1009-1019.	4.4	83
150	NIHAO VII: Predictions for the galactic baryon budget in dwarf to Milky Way mass haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx066.	4.4	8
151	Quenching vs. Quiescence: forming realistic massive ellipticals with a simple starvation model. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx005.	4.4	1
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153	NIHAO-UHD: The properties of MW-like stellar disks in high resolution cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	53
154	NIHAO XXVI: Nature versus nurture, the Star Formation Main Sequence and the origin of its scatter. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	7