Frank van den Bosch

List of Publications by Year
in descending order

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191 papers	18,350 citations	9234 74 h-index	14156 128 g-index
196 all docs	196 docs citations	196 times ranked	6229 citing authors

#	Article	IF	Citations
1	Dynamical Friction, Buoyancy, and Core-stalling. I. A Nonperturbative Orbit-based Analysis. Astrophysical Journal, 2022, 926, 215.	1.6	12
2	On the tidal formation of dark matter-deficient galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2724-2739.	1.6	12
3	The tidal evolution of dark matter substructure â€“ II. The impact of artificial disruption on subhalo mass functions and radial profiles. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4075-4091.	1.6	40
4	A Self-consistent, Time-dependent Treatment of Dynamical Friction: New Insights Regarding Core Stalling and Dynamical Buoyancy. Astrophysical Journal, 2021, 912, 43.	1.6	21
5	On the Random Motion of Nuclear Objects in a Fuzzy Dark Matter Halo. Astrophysical Journal, 2021, 916, 27.	1.6	25
6	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
7	A fully general, non-perturbative treatment of impulsive heating. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1441-1455.	1.6	9
8	Five perâ€‰cent measurements of the growth rate from simulation-based modelling of redshift-space clustering in BOSS LOWZ. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1779-1804.	1.6	41
9	SatGen â€“ II. Assessing the impact of a disc potential on subhalo populations. Monthly Notices of the Royal Astronomical Society, 2021, 509, 2624-2636.	1.6	9
10	Thermal Instabilities and Shattering in the High-redshift WHIM: Convergence Criteria and Implications for Low-metallicity Strong H i Absorbers. Astrophysical Journal, 2021, 923, 115.	1.6	16
11	Scatter in Sunyaevâ€“Zelâ€™dovich effect scaling relations explained by inter-cluster variance in mass accretion histories. Monthly Notices of the Royal Astronomical Society, 2020, 496, 2743-2761.	1.6	11
12	LyÂÎ± blobs from cold streams undergoing Kelvinâ€“Helmholtz instabilities. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2415-2427.	1.6	23
13	Concentrations of dark haloes emerge from their merger histories. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4450-4464.	1.6	40
14	Instability of supersonic cold streams feeding galaxies â€“ IV. Survival of radiatively cooling streams. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2641-2663.	1.6	51
15	Dynamical self-friction: how mass loss slows you down. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4496-4507.	1.6	18
16	The Dearth of Differences between Central and Satellite Galaxies. III. Environmental Dependencies of Massâ€“Size and Massâ€“Structure Relations. Astrophysical Journal, 2020, 889, 37.	1.6	10
17	What makes or breaks a campaign to stop an invading plant pathogen?. PLoS Computational Biology, 2020, 16, e1007570.	1.5	19
18	On the Evolution of the Globular Cluster System in NGC 1052-DF2: Dynamical Friction, Globularâ€“Globular Interactions, and Galactic Tides. Astrophysical Journal, 2020, 903, 149.	1.6	13

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19	Shattering of Cosmic Sheets due to Thermal Instabilities: A Formation Channel for Metal-free Lyman Limit Systems. Astrophysical Journal Letters, 2019, 881, L20.	3.0	22
20	New perspectives on the BOSS small-scale lensing discrepancy for the Planck Î›CDM cosmology. Monthly Notices of the Royal Astronomical Society, 2019, 488, 5771-5787.	1.6	28
21	The tidal evolution of dark matter substructure â€“ I. subhalo density profiles. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2091-2101.	1.6	43
22	Cosmological Evidence Modelling: a new simulation-based approach to constrain cosmology on non-linear scales. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1870-1878.	1.6	25
23	Basilisk: Bayesian hierarchical inference of the galaxyâ€“halo connection using satellite kinematics â€“ I. Method and validation. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4984-5013.	1.6	6
24	Development of an epidemiological model for soybean rust. AIP Conference Proceedings, 2019, , .	0.3	0
25	How to optimally constrain galaxy assembly bias: supplement projected correlation functions with count-in-cells statistics. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3541-3567.	1.6	27
26	Updated results on the galaxyâ€“halo connection from satellite kinematics in SDSS. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3112-3129.	1.6	32
27	Constraints on assembly bias from galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1196-1209.	1.6	52
28	Constraining the mass density of free-floating black holes using razor-thin lensing arcs. Monthly Notices of the Royal Astronomical Society, 2019, 483, 1558-1573.	1.6	14
29	Cosmological simulations of the circumgalactic medium with 1â€‰kpc resolution: enhanced Hâ€‰<scp>i</scp> column densities. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 482, L85-L89.	1.2	149
30	DASH: a library of dynamical subhalo evolution. Monthly Notices of the Royal Astronomical Society, 2019, 485, 189-202.	1.6	33
31	Maturing satellite kinematics into a competitive probe of the galaxyâ€“halo connection. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4824-4845.	1.6	13
32	On the Orbital Decay of Globular Clusters in NGC 1052-DF2: Testing a Baryon-only Mass Model. Astrophysical Journal, 2019, 877, 133.	1.6	22
33	Disruption of dark matter substructure: fact or fiction?. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3043-3066.	1.6	213
34	Dark matter substructure in numerical simulations: a tale of discreteness noise, runaway instabilities, and artificial disruption. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4066-4087.	1.6	195
35	ELUCID. IV. Galaxy Quenching and its Relation to Halo Mass, Environment, and Assembly Bias. Astrophysical Journal, 2018, 852, 31.	1.6	52
36	The Dearth of Difference between Central and Satellite Galaxies. I. Perspectives on Star Formation Quenching and AGN Activities. Astrophysical Journal, 2018, 860, 102.	1.6	30

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37	Cold Filamentary Accretion and the Formation of Metal-poor Globular Clusters and Halo Stars. Astrophysical Journal, 2018, 861, 148.	1.6	44
38	The Dearth of Differences between Central and Satellite Galaxies. II. Comparison of Observations with L-GALAXIES and EAGLE in Star Formation Quenching. Astrophysical Journal, 2018, 864, 51.	1.6	13
39	The galaxy clustering crisis in abundance matching. Monthly Notices of the Royal Astronomical Society, 2018, 477, 359-383.	1.6	47
40	Brightest galaxies as halo centre tracers in SDSS DR7. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2830-2851.	1.6	21
41	Modelling the line-of-sight contribution in substructure lensing. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5424-5442.	1.6	77
42	ELUCID. V. Lighting Dark Matter Halos with Galaxies. Astrophysical Journal, 2018, 860, 30.	1.6	17
43	Mapping the Real Space Distributions of Galaxies in SDSS DR7. II. Measuring the Growth Rate, Clustering Amplitude of Matter, and Biases of Galaxies at Redshift 0.1. Astrophysical Journal, 2018, 861, 137.	1.6	43
44	Galaxyâ€“Galaxy Weak-lensing Measurements from SDSS. I. Image Processing and Lensing Signals. Astrophysical Journal, 2017, 836, 38.	1.6	13
45	Mapping substructure in the HST Frontier Fields cluster lenses and in cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1962-1980.	1.6	64
46	Dissecting the evolution of dark matter subhaloes in the Bolshoi simulation. Monthly Notices of the Royal Astronomical Society, 2017, 468, 885-909.	1.6	59
47	The immitigable nature of assembly â€‰bias: the impact of halo definition on assembly bias. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1088-1105.	1.6	34
48	Statistics of dark matter substructure â€“ III. Halo-to-halo variance. Monthly Notices of the Royal Astronomical Society, 2017, 472, 657-674.	1.6	51
49	A method of determining where to target surveillance efforts in heterogeneous epidemiological systems. PLoS Computational Biology, 2017, 13, e1005712.	1.5	14
50	On stellar mass loss from galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4170-4193.	1.6	27
51	Spatial dynamics and control of a crop pathogen with mixed-mode transmission. PLoS Computational Biology, 2017, 13, e1005654.	1.5	29
52	A SLIPPERY SLOPE: SYSTEMATIC UNCERTAINTIES IN THE LINE WIDTH BARYONIC TULLYâ€“FISHER RELATION. Astrophysical Journal, 2016, 832, 11.	1.6	46
53	MAPPING THE REAL-SPACE DISTRIBUTIONS OF GALAXIES IN SDSS DR7. I. TWO-POINT CORRELATION FUNCTIONS. Astrophysical Journal, 2016, 833, 241.	1.6	23
54	The Evolution of Fungicide Resistance Resulting from Combinations of Foliar-Acting Systemic Seed Treatments and Foliar-Applied Fungicides: A Modeling Analysis. PLoS ONE, 2016, 11, e0161887.	1.1	18

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55	Introducing decorated HODs: modelling assembly bias in the galaxyâ€“halo connection. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2552-2570.	1.6	116
56	WHERE STARS FORM: INSIDE-OUT GROWTH AND COHERENT STAR FORMATION FROM HST HÎ±ÂMAPS OF 3200 GALAXIES ACROSS THE MAIN SEQUENCE AT 0.7Â< zÂ<Â1.5. Astrophysical Journal, 2016, 828, 27.	1.6	166
57	On the physical origin of galactic conformity. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2135-2145.	1.6	49
58	Detecting direct collapse black holes: making the case for CR7. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4003-4010.	1.6	47
59	Statistics of dark matter substructure â€“ I. Model and universal fitting functions. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2848-2869.	1.6	102
60	Statistics of dark matter substructure â€“ II. Comparison of model with simulation results. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2870-2884.	1.6	34
61	On the segregation of dark matter substructure. Monthly Notices of the Royal Astronomical Society, 2016, 455, 158-177.	1.6	41
62	Internal alignments of red versus blue discs in dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2015, 452, 4094-4110.	1.6	24
63	Assessing colour-dependent occupation statistics inferred from galaxy group catalogues. Monthly Notices of the Royal Astronomical Society, 2015, 452, 444-469.	1.6	84
64	Comprehensive assessment of the too big to fail problem. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3576-3593.	1.6	31
65	Star formation and stellar mass assembly in dark matter haloes: from giants to dwarfs. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1604-1617.	1.6	38
66	Predicting galaxy star formation rates via the co-evolution of galaxies and haloes. Monthly Notices of the Royal Astronomical Society, 2015, 446, 651-662.	1.6	47
67	SPIN ALIGNMENTS OF SPIRAL GALAXIES WITHIN THE LARGE-SCALE STRUCTURE FROM SDSS DR7. Astrophysical Journal, 2015, 798, 17.	1.6	71
68	Beyond halo mass: galactic conformity as a smoking gun of central galaxy assembly bias. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1958-1969.	1.6	88
69	The Effect of Farmersâ€™ Decisions on Pest Control with Bt Crops: A Billion Dollar Game of Strategy. PLoS Computational Biology, 2015, 11, e1004483.	1.5	30
70	Galaxy assembly bias: a significant source of systematic error in the galaxyâ€“halo relationship. Monthly Notices of the Royal Astronomical Society, 2014, 443, 3044-3067.	1.6	164
71	First galaxyâ€“galaxy lensing measurement of satellite halo mass in the CFHT Stripe-82 Survey. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2864-2870.	1.6	34
72	An empirical model for the star formation history in dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1294-1312.	1.6	61

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73	Coming of age in the dark sector: how dark matter haloes grow their gravitational potential wells. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1713-1730.	1.6	70
74	THE STATISTICAL NATURE OF THE BRIGHTEST GROUP GALAXIES. Astrophysical Journal, 2014, 782, 23.	1.6	30
75	Galaxy evolution near groups and clusters: ejected satellites and the spatial extent of environmental quenching. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2687-2700.	1.6	120
76	Generating merger trees for dark matter haloes: a comparison of methods. Monthly Notices of the Royal Astronomical Society, 2014, 440, 193-207.	1.6	76
77	Measuring the X-ray luminosities of SDSS DR7 clusters from ROSAT All Sky Survey. Monthly Notices of the Royal Astronomical Society, 2014, 439, 611-622.	1.6	40
78	A new population of recently quenched elliptical galaxies in the SDSS. Monthly Notices of the Royal Astronomical Society, 2014, 442, 533-557.	1.6	46
79	The Emergence of Resistance to Fungicides. PLoS ONE, 2014, 9, e91910.	1.1	94
80	Cosmological constraints from a combination of galaxy clustering and lensing â€“ III. Application to SDSS data. Monthly Notices of the Royal Astronomical Society, 2013, 430, 767-786.	1.6	146
81	Constraining the substructure of dark matter haloes with galaxyâ€“galaxy lensing. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3359-3375.	1.6	25
82	Galaxy evolution in groups and clusters: satellite star formation histories and quenching time-scales in a hierarchical Universe. Monthly Notices of the Royal Astronomical Society, 2013, 432, 336-358.	1.6	454
83	Cosmological constraints from a combination of galaxy clustering and lensing â€“ I. Theoretical framework. Monthly Notices of the Royal Astronomical Society, 2013, 430, 725-746.	1.6	178
84	Durable Resistance to Crop Pathogens: An Epidemiological Framework to Predict Risk under Uncertainty. PLoS Computational Biology, 2013, 9, e1002870.	1.5	30
85	ALIGNMENTS OF GALAXIES WITHIN COSMIC FILAMENTS FROM SDSS DR7. Astrophysical Journal, 2013, 779, 160.	1.6	90
86	RECONSTRUCTING THE INITIAL DENSITY FIELD OF THE LOCAL UNIVERSE: METHODS AND TESTS WITH MOCK CATALOGS. Astrophysical Journal, 2013, 772, 63.	1.6	62
87	CONSTRAINING THE STAR FORMATION HISTORIES IN DARK MATTER HALOS. I. CENTRAL GALAXIES. Astrophysical Journal, 2013, 770, 115.	1.6	46
88	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: the low-redshift sample. Monthly Notices of the Royal Astronomical Society, 2013, 429, 98-112.	1.6	93
89	Cosmological constraints from a combination of galaxy clustering and lensing â€“ II. Fisher matrix analysis. Monthly Notices of the Royal Astronomical Society, 2013, 430, 747-766.	1.6	56
90	DISK ASSEMBLY AND THEM_{BH}-Ïƒ_eRELATION OF SUPERMASSIVE BLACK HOLES. Astrophysical Journal, 2013, 765, 23.	1.6	22

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91	EVOLUTION OF THE GALAXYâ€“DARK MATTER CONNECTION AND THE ASSEMBLY OF GALAXIES IN DARK MATTER HALOS. Astrophysical Journal, 2012, 752, 41.	1.6	257
92	INTERNAL KINEMATICS OF GROUPS OF GALAXIES IN THE SLOAN DIGITAL SKY SURVEY DATA RELEASE 7. Astrophysical Journal, 2012, 758, 50.	1.6	28
93	MASS GROWTH AND MERGERS: DIRECT OBSERVATIONS OF THE LUMINOSITY FUNCTION OF LRG SATELLITE GALAXIES OUT TOz= 0.7 FROM SDSS AND BOSS IMAGES. Astrophysical Journal, 2012, 746, 138.	1.6	30
94	Reconstructing the cosmic velocity and tidal fields with galaxy groups selected from the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1809-1824.	1.6	71
95	The angular momentum of disc galaxies: implications for gas accretion, outflows, and dynamical friction. Monthly Notices of the Royal Astronomical Society, 2012, , no-no.	1.6	30
96	The gas-phase metallicity of central and satellite galaxies in the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2012, 425, 273-286.	1.6	43
97	AN ANALYTICAL MODEL FOR THE ACCRETION OF DARK MATTER SUBHALOS. Astrophysical Journal, 2011, 741, 13.	1.6	51
98	Satellite kinematics - III. Halo masses of central galaxies in SDSS. Monthly Notices of the Royal Astronomical Society, 2011, 410, 210-226.	1.6	238
99	Are brightest halo galaxies central galaxies?. Monthly Notices of the Royal Astronomical Society, 2011, 410, 417-431.	1.6	164
100	The dependence of AGN activity on stellar and halo mass in semi-analytic models. Monthly Notices of the Royal Astronomical Society, 2011, 413, 957-970.	1.6	29
101	Probing hot gas in galaxy groups through the Sunyaev-Zeldovich effect. Monthly Notices of the Royal Astronomical Society, 2011, 413, 3039-3058.	1.6	9
102	Dark halo response and the stellar initial mass function in early-type and late-type galaxies. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	1.6	63
103	On the origin and history of stars in spiral galaxies. , 2010, , .		0
104	MERGERS IN Î›CDM: UNCERTAINTIES IN THEORETICAL PREDICTIONS AND INTERPRETATIONS OF THE MERGER RATE. Astrophysical Journal, 2010, 724, 915-945.	1.6	183
105	THE STELLAR MASS COMPONENTS OF GALAXIES: COMPARING SEMI-ANALYTICAL MODELS WITH OBSERVATION. Astrophysical Journal, 2010, 712, 734-745.	1.6	41
106	Ages and metallicities of central and satellite galaxies: implications for galaxy formation and evolution. Monthly Notices of the Royal Astronomical Society, 2010, 407, 937-954.	1.6	104
107	An improved model for the dynamical evolution of dark matter subhaloes. Monthly Notices of the Royal Astronomical Society, 2010, 408, 2201-2212.	1.6	46
108	On the evolution of the velocity-mass-size relations of disc-dominated galaxies over the past 10 billion years. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	77

#	Article	IF	Citations
109	The substructure hierarchy in dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	51
110	The kinematic connection between galaxies and dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2010, 407, 2-16.	1.6	144
111	Equilibrium initialization and stability of three-dimensional gas discs. Monthly Notices of the Royal Astronomical Society, 2010, 407, 705-720.	1.6	40
112	On the origin of the galaxy star-formation-rate sequence: evolution and scatter. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	91
113	CONSTRAINTS ON THE RELATIONSHIP BETWEEN STELLAR MASS AND HALO MASS AT LOW AND HIGH REDSHIFT. Astrophysical Journal, 2010, 710, 903-923.	1.6	943
114	THE NATURE OF RED DWARF GALAXIES. Astrophysical Journal, 2009, 697, 247-257.	1.6	24
115	THE SUBHALO-SATELLITE CONNECTION AND THE FATE OF DISRUPTED SATELLITE GALAXIES. Astrophysical Journal, 2009, 693, 830-838.	1.6	82
116	ON THE SIZE AND COMOVING MASS DENSITY EVOLUTION OF EARLY-TYPE GALAXIES. Astrophysical Journal, 2009, 698, 1232-1243.	1.6	131
117	Satellite kinematics - II. The halo mass-luminosity relation of central galaxies in SDSS. Monthly Notices of the Royal Astronomical Society, 2009, 392, 801-816.	1.6	162
118	Satellite kinematics - I. A new method to constrain the halo mass-luminosity relation of central galaxies. Monthly Notices of the Royal Astronomical Society, 2009, 392, 917-924.	1.6	41
119	The rise and fall of galaxy activity in dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2009, 394, 38-50.	1.6	68
120	Reconstructing the cosmic density field with the distribution of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2009, 394, 398-414.	1.6	67
121	Galaxy clustering and galaxy-galaxy lensing: a promising union to constrain cosmological parameters. Monthly Notices of the Royal Astronomical Society, 2009, 394, 929-946.	1.6	141
122	Modelling galaxy-galaxy weak lensing with Sloan Digital Sky Survey groups. Monthly Notices of the Royal Astronomical Society, 2009, 394, 1016-1030.	1.6	25
123	Environmental effects on satellite galaxies: the link between concentration, size and colour profile. Monthly Notices of the Royal Astronomical Society, 2009, 394, 1213-1228.	1.6	177
124	The correlation of star formation quenching with internal galaxy properties and environment. Monthly Notices of the Royal Astronomical Society, 2009, 394, 1131-1147.	1.6	158
125	The impact of feedback on disc galaxy scaling relations. Monthly Notices of the Royal Astronomical Society, 2009, 396, 141-164.	1.6	131
126	Structural properties of central galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1129-1149.	1.6	114

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127	GALAXY GROUPS IN THE SDSS DR4. III. THE LUMINOSITY AND STELLAR MASS FUNCTIONS. Astrophysical Journal, 2009, 695, 900-916.	1.6	251
128	Probing the intrinsic shape and alignment of dark matter haloes using SDSS galaxy groups. Monthly Notices of the Royal Astronomical Society, 2008, 385, 1511-1522.	1.6	71
129	The population of dark matter subhaloes: mass functions and average mass-loss rates. Monthly Notices of the Royal Astronomical Society, 2008, 386, 2135-2144.	1.6	154
130	The importance of satellite quenching for the build-up of the red sequence of present-day galaxies. Monthly Notices of the Royal Astronomical Society, 2008, 387, 79-91.	1.6	382
131	Ongoing assembly of massive galaxies by major merging in large groups and clusters from the SDSS. Monthly Notices of the Royal Astronomical Society, 2008, 388, 1537-1556.	1.6	129
132	Concentration, spin and shape of dark matter haloes as a function of the cosmological model:WMAP1, â€ƒWMAP3 andWMAP5 results. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1940-1954.	1.6	563
133	New Constraints on the Efficiencies of Ram Pressure Stripping and the Tidal Disruption of Satellite Galaxies. Astrophysical Journal, 2008, 676, L101-L104.	1.6	80
134	Galaxy Groups in the SDSS DR4. II. Halo Occupation Statistics. Astrophysical Journal, 2008, 676, 248-261.	1.6	253
135	Spatial and Kinematic Alignments between Central and Satellite Halos. Astrophysical Journal, 2008, 675, 146-155.	1.6	68
136	The Clustering of SDSS Galaxy Groups: Mass and Color Dependence. Astrophysical Journal, 2008, 687, 919-935.	1.6	57
137	A Revised Model for the Formation of Disk Galaxies: Low Spin and Dark Halo Expansion. Astrophysical Journal, 2007, 654, 27-52.	1.6	231
138	Three Different Types of Galaxy Alignment within Dark Matter Halos. Astrophysical Journal, 2007, 662, L71-L74.	1.6	87
139	The Crossâ€Correlation between Galaxies of Different Luminosities and Colors. Astrophysical Journal, 2007, 664, 608-632.	1.6	52
140	Scaling Relations of Spiral Galaxies. Astrophysical Journal, 2007, 671, 203-225.	1.6	197
141	Galaxy Groups in the SDSS DR4. I. The Catalog and Basic Properties. Astrophysical Journal, 2007, 671, 153-170.	1.6	757
142	Towards a concordant model of halo occupation statistics. Monthly Notices of the Royal Astronomical Society, 2007, 376, 841-860.	1.6	237
143	The alignment between satellites and central galaxies: theory versus observations. Monthly Notices of the Royal Astronomical Society, 2007, 378, 1531-1542.	1.6	62
144	On the assembly history of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2007, 379, 689-701.	1.6	80

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145	On the origin of the dichotomy of early-type galaxies: the role of dry mergers and active galactic nucleus feedback. Monthly Notices of the Royal Astronomical Society, 2007, 381, 389-400.	1.6	18
146	Observational Evidence for an Age Dependence of Halo Bias. Astrophysical Journal, 2006, 638, L55-L58.	1.6	77
147	The alignment between the distribution of satellites and the orientation of their central galaxy. Monthly Notices of the Royal Astronomical Society, 2006, 369, 1293-1302.	1.6	141
148	Natural downsizing in hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2006, 372, 933-948.	1.6	224
149	Weak lensing by galaxies in groups and clusters â€“ I. Theoretical expectations. Monthly Notices of the Royal Astronomical Society, 2006, 373, 1159-1172.	1.6	75
150	Cold gas in dark matter halos and the formation of late-type galaxies. Proceedings of the International Astronomical Union, 2005, 1, 205-212.	0.0	0
151	The abundance and radial distribution of satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2005, 356, 1233-1248.	1.6	79
152	A halo-based galaxy group finder: calibration and application to the 2dFGRS. Monthly Notices of the Royal Astronomical Society, 2005, 356, 1293-1307.	1.6	343
153	The two-point correlation of galaxy groups: probing the clustering of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2005, 357, 608-618.	1.6	44
154	Galaxy occupation statistics of dark matter haloes: observational results. Monthly Notices of the Royal Astronomical Society, 2005, 358, 217-232.	1.6	124
155	The mass function and average mass-loss rate of dark matter subhaloes. Monthly Notices of the Royal Astronomical Society, 2005, 359, 1029-1040.	1.6	183
156	The cross-correlation between galaxies and groups: probing the galaxy distribution in and around dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2005, 362, 711-726.	1.6	86
157	Pre-heating by pre-virialization and its impact on galaxy formation. Monthly Notices of the Royal Astronomical Society, 2005, 363, 1155-1166.	1.6	75
158	Populating dark matter haloes with galaxies: comparing the 2dFGRS with mock galaxy redshift surveys. Monthly Notices of the Royal Astronomical Society, 2004, 350, 1153-1173.	1.6	98
159	Probing dark matter haloes with satellite kinematics. Monthly Notices of the Royal Astronomical Society, 2004, 352, 1302-1314.	1.6	110
160	The three-point correlation function of galaxies: comparing halo occupation models with observations. Monthly Notices of the Royal Astronomical Society, 2004, 353, 287-300.	1.6	59
161	The galaxy-dark matter connection. , 2004, , .		1
162	Scaling Relations of Spiral Galaxies: Theory vs Observation. , 2004, , .		0

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163	Constraining galaxy formation and cosmology with the conditional luminosity function of galaxies. Monthly Notices of the Royal Astronomical Society, 2003, 339, 1057-1080.	1.6	515
164	Linking early- and late-type galaxies to their dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2003, 340, 771-792.	1.6	219
165	Towards cosmological concordance on galactic scales. Monthly Notices of the Royal Astronomical Society, 2003, 345, 923-938.	1.6	114
166	The Central Mass Distribution in Dwarf and Low Surface Brightness Galaxies. Astrophysical Journal, 2003, 583, 732-751.	1.6	336
167	The universal mass accretion history of cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2002, 331, 98-110.	1.6	249
168	The impact of cooling and feedback on disc galaxies. Monthly Notices of the Royal Astronomical Society, 2002, 332, 456-472.	1.6	82
169	The Life Cycle of Galaxies. Scientific American, 2002, 286, 46-58.	1.0	122
170	The Angular Momentum of Gas in Protogalaxies. I. Implications for the Formation of Disk Galaxies. Astrophysical Journal, 2002, 576, 21-35.	1.6	201
171	WFPC2 Images of the Central Regions of Early-Type Galaxies. I. The Data. Astronomical Journal, 2001, 121, 2431-2482.	1.9	188
172	Constraints on the Structure of Dark Matter Halos from the Rotation Curves of Low Surface Brightness Galaxies. Astronomical Journal, 2000, 119, 1579-1591.	1.9	196
173	Semianalytical Models for the Formation of Disk Galaxies. I. Constraints from the Tullyâ€Fisher Relation. Astrophysical Journal, 2000, 530, 177-192.	1.6	121
174	Semianalytical Models for the Formation of Disk Galaxies. II. Dark Matter versus Modified Newtonian Dynamics. Astrophysical Journal, 2000, 534, 146-164.	1.6	66
175	Bulges and black holes: Harassing the hosts. Advances in Space Research, 1999, 23, 937-948.	1.2	0
176	Evidence for a Massive Black Hole in the S0 Galaxy NGC 4342. Astrophysical Journal, 1999, 514, 704-724.	1.6	102
177	Substructure in Dark Halos: Orbital Eccentricities and Dynamical Friction. Astrophysical Journal, 1999, 515, 50-68.	1.6	135
178	Nuclear stellar discs in early-type galaxies â€" II. Photometric properties. Monthly Notices of the Royal Astronomical Society, 1998, 300, 469-478.	1.6	49
179	The Formation of Diskâ€Bulgeâ€Halo Systems and the Origin of the Hubble Sequence. Astrophysical Journal, 1998, 507, 601-614.	1.6	149
180	Evidence for a 3 Ã— 10[TSUP]8[/TSUP] [ITAL]M[/ITAL][TINF][sun][/TINF] Black Hole in NGC 7052 from [ITAL]Hubble[/ITAL] [ITAL]Space[/ITAL] [ITAL]T[/ITAL][ITAL]elescope[/ITAL] Observations of the Nuclear Gas Disk. Astronomical Journal, 1998, 116, 2220-2236.	1.9	112

#	Article	IF	Citations
181	On the uncertainties of the central density in axisymmetric galaxies resulting from deprojection. Monthly Notices of the Royal Astronomical Society, 1997, 287, 543-555.	1.6	20
182	Nuclear Stellar Disks in E/S0 Galaxies. International Astronomical Union Colloquium, 1997, 163, 626-629.	0.1	0
183	Nuclear Disks Embedded in Elliptical Galaxies. Symposium - International Astronomical Union, 1996, 171, 458-458.	0.1	0
184	The Nuclear Disk of NGC 4261: Hubble Space Telescope Images and Ground-based Spectra. Astrophysical Journal, 1996, 460, 214.	1.6	59
185	Dynamics of the nuclear gas and dust disc in the E4 radio galaxy NGC 7052. Monthly Notices of the Royal Astronomical Society, 1995, 274, 884-898.	1.6	15
186	A model of growth and development in copepods. Limnology and Oceanography, 1994, 39, 1528-1542.	1.6	25
187	Photometry of a Complete Sample of Virgo Ellipticals (Poster paper). , 1994, , 442-443.		0
188	Hubble Space Telescope photometry of the central regions of Virgo cluster elliptical galaxies. II: Isophote shapes.. Astronomical Journal, 1994, 108, 1579.	1.9	62
189	A large nuclear accretion disk in the active galaxy NGC4261. Nature, 1993, 364, 213-215.	13.7	108
190	Measuring the Virial Masses of Disk Galaxies. , 0, , 250-255.		0
191	The Origin of the Correlation Between the Spin Parameter and the Baryon Fraction of Galactic Disks. , 0, , 119-123.		0