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	CONSTRAINTS ON THE RELATIONSHIP BETWEEN STELLAR MASS AND HALO MASS AT LOW AND HIGH REDSHIFT. Astrophysical Journal, 2010, 710, 903-923.	1.6	943
2	Galaxy Groups in the SDSS DR4. I. The Catalog and Basic Properties. Astrophysical Journal, 2007, 671, 153-170.	1.6	757
3	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
4	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
5	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
6	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
7	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
8	The Central Mass Distribution in Dwarf and Low Surface Brightness Galaxies. Astrophysical Journal, 2003, 583, 732-751.	1.6	336
9	EVOLUTION OF THE GALAXYâ€“DARK MATTER CONNECTION AND THE ASSEMBLY OF GALAXIES IN DARK MATTER HALOS. Astrophysical Journal, 2012, 752, 41.	1.6	257
10	Galaxy Groups in the SDSS DR4. II. Halo Occupation Statistics. Astrophysical Journal, 2008, 676, 248-261.	1.6	253
11	GALAXY GROUPS IN THE SDSS DR4. III. THE LUMINOSITY AND STELLAR MASS FUNCTIONS. Astrophysical Journal, 2009, 695, 900-916.	1.6	251
12	The universal mass accretion history of cold dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2002, 331, 98-110.	1.6	249
13	Satellite kinematics - III. Halo masses of central galaxies in SDSS. Monthly Notices of the Royal Astronomical Society, 2011, 410, 210-226.	1.6	238
14	Towards a concordant model of halo occupation statistics. Monthly Notices of the Royal Astronomical Society, 2007, 376, 841-860.	1.6	237
15	A Revised Model for the Formation of Disk Galaxies: Low Spin and Dark Halo Expansion. Astrophysical Journal, 2007, 654, 27-52.	1.6	231
16	Natural downsizing in hierarchical galaxy formation. Monthly Notices of the Royal Astronomical Society, 2006, 372, 933-948.	1.6	224
17	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
18	Disruption of dark matter substructure: fact or fiction?. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3043-3066.	1.6	213

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19	The Angular Momentum of Gas in Protogalaxies. I. Implications for the Formation of Disk Galaxies. Astrophysical Journal, 2002, 576, 21-35.	1.6	201
20	Scaling Relations of Spiral Galaxies. Astrophysical Journal, 2007, 671, 203-225.	1.6	197
21	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
22	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
23	WFPC2 Images of the Central Regions of Early-Type Galaxies. I. The Data. Astronomical Journal, 2001, 121, 2431-2482.	1.9	188
24	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
25	MERGERS IN Î›CDM: UNCERTAINTIES IN THEORETICAL PREDICTIONS AND INTERPRETATIONS OF THE MERGER RATE. Astrophysical Journal, 2010, 724, 915-945.	1.6	183
26	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
27	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
28	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
29	Are brightest halo galaxies central galaxies?. Monthly Notices of the Royal Astronomical Society, 2011, 410, 417-431.	1.6	164
30	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
31	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
32	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
33	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
34	The Formation of Diskâ€Bulgeâ€Halo Systems and the Origin of the Hubble Sequence. Astrophysical Journal, 1998, 507, 601-614.	1.6	149
35	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
36	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

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37	The kinematic connection between galaxies and dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2010, 407, 2-16.	1.6	144
38	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
39	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
40	Substructure in Dark Halos: Orbital Eccentricities and Dynamical Friction. Astrophysical Journal, 1999, 515, 50-68.	1.6	135
41	ON THE SIZE AND COMOVING MASS DENSITY EVOLUTION OF EARLY-TYPE GALAXIES. Astrophysical Journal, 2009, 698, 1232-1243.	1.6	131
42	The impact of feedback on disc galaxy scaling relations. Monthly Notices of the Royal Astronomical Society, 2009, 396, 141-164.	1.6	131
43	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
44	Galaxy occupation statistics of dark matter haloes: observational results. Monthly Notices of the Royal Astronomical Society, 2005, 358, 217-232.	1.6	124
45	The Life Cycle of Galaxies. Scientific American, 2002, 286, 46-58.	1.0	122
46	Semianalytical Models for the Formation of Disk Galaxies. I. Constraints from the Tullyâ€Fisher Relation. Astrophysical Journal, 2000, 530, 177-192.	1.6	121
47	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
48	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
49	Towards cosmological concordance on galactic scales. Monthly Notices of the Royal Astronomical Society, 2003, 345, 923-938.	1.6	114
50	Structural properties of central galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1129-1149.	1.6	114
51	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
52	Probing dark matter haloes with satellite kinematics. Monthly Notices of the Royal Astronomical Society, 2004, 352, 1302-1314.	1.6	110
53	A large nuclear accretion disk in the active galaxy NGC4261. Nature, 1993, 364, 213-215.	13.7	108
54	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

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55	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
56	Evidence for a Massive Black Hole in the S0 Galaxy NGC 4342. Astrophysical Journal, 1999, 514, 704-724.	1.6	102
57	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
58	The Emergence of Resistance to Fungicides. PLoS ONE, 2014, 9, e91910.	1.1	94
59	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
60	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
61	ALIGNMENTS OF GALAXIES WITHIN COSMIC FILAMENTS FROM SDSS DR7. Astrophysical Journal, 2013, 779, 160.	1.6	90
62	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
63	Three Different Types of Galaxy Alignment within Dark Matter Halos. Astrophysical Journal, 2007, 662, L71-L74.	1.6	87
64	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
65	Assessing colour-dependent occupation statistics inferred from galaxy group catalogues. Monthly Notices of the Royal Astronomical Society, 2015, 452, 444-469.	1.6	84
66	The impact of cooling and feedback on disc galaxies. Monthly Notices of the Royal Astronomical Society, 2002, 332, 456-472.	1.6	82
67	THE SUBHALO-SATELLITE CONNECTION AND THE FATE OF DISRUPTED SATELLITE GALAXIES. Astrophysical Journal, 2009, 693, 830-838.	1.6	82
68	On the assembly history of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2007, 379, 689-701.	1.6	80
69	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
70	The abundance and radial distribution of satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2005, 356, 1233-1248.	1.6	79
71	Observational Evidence for an Age Dependence of Halo Bias. Astrophysical Journal, 2006, 638, L55-L58.	1.6	77
72	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

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73	Modelling the line-of-sight contribution in substructure lensing. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5424-5442.	1.6	77
74	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
75	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
76	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
77	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
78	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
79	SPIN ALIGNMENTS OF SPIRAL GALAXIES WITHIN THE LARGE-SCALE STRUCTURE FROM SDSS DR7. Astrophysical Journal, 2015, 798, 17.	1.6	71
80	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
81	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
82	Spatial and Kinematic Alignments between Central and Satellite Halos. Astrophysical Journal, 2008, 675, 146-155.	1.6	68
83	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
84	Semianalytical Models for the Formation of Disk Galaxies. II. Dark Matter versus Modified Newtonian Dynamics. Astrophysical Journal, 2000, 534, 146-164.	1.6	66
85	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
86	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
87	The alignment between satellites and central galaxies: theory versus observations. Monthly Notices of the Royal Astronomical Society, 2007, 378, 1531-1542.	1.6	62
88	RECONSTRUCTING THE INITIAL DENSITY FIELD OF THE LOCAL UNIVERSE: METHODS AND TESTS WITH MOCK CATALOGS. Astrophysical Journal, 2013, 772, 63.	1.6	62
89	Hubble Space Telescope photometry of the central regions of Virgo cluster elliptical galaxies. II: Isophote shapes.. Astronomical Journal, 1994, 108, 1579.	1.9	62
90	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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91	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
92	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
93	The Nuclear Disk of NGC 4261: Hubble Space Telescope Images and Ground-based Spectra. Astrophysical Journal, 1996, 460, 214.	1.6	59
94	The Clustering of SDSS Galaxy Groups: Mass and Color Dependence. Astrophysical Journal, 2008, 687, 919-935.	1.6	57
95	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
96	The Crossâ€Correlation between Galaxies of Different Luminosities and Colors. Astrophysical Journal, 2007, 664, 608-632.	1.6	52
97	ELUCID. IV. Galaxy Quenching and its Relation to Halo Mass, Environment, and Assembly Bias. Astrophysical Journal, 2018, 852, 31.	1.6	52
98	Constraints on assembly bias from galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1196-1209.	1.6	52
99	The substructure hierarchy in dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2010, , .	1.6	51
100	AN ANALYTICAL MODEL FOR THE ACCRETION OF DARK MATTER SUBHALOS. Astrophysical Journal, 2011, 741, 13.	1.6	51
101	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
102	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
103	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
104	On the physical origin of galactic conformity. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2135-2145.	1.6	49
105	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
106	Detecting direct collapse black holes: making the case for CR7. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4003-4010.	1.6	47
107	The galaxy clustering crisis in abundance matching. Monthly Notices of the Royal Astronomical Society, 2018, 477, 359-383.	1.6	47
108	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

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109	CONSTRAINING THE STAR FORMATION HISTORIES IN DARK MATTER HALOS. I. CENTRAL GALAXIES. Astrophysical Journal, 2013, 770, 115.	1.6	46
110	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
111	A SLIPPERY SLOPE: SYSTEMATIC UNCERTAINTIES IN THE LINE WIDTH BARYONIC TULLYâ€“FISHER RELATION. Astrophysical Journal, 2016, 832, 11.	1.6	46
112	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
113	Cold Filamentary Accretion and the Formation of Metal-poor Globular Clusters and Halo Stars. Astrophysical Journal, 2018, 861, 148.	1.6	44
114	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
115	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
116	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
117	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
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 STELLAR MASS COMPONENTS OF GALAXIES: COMPARING SEMI-ANALYTICAL MODELS WITH OBSERVATION. Astrophysical Journal, 2010, 712, 734-745.	1.6	41
120	On the segregation of dark matter substructure. Monthly Notices of the Royal Astronomical Society, 2016, 455, 158-177.	1.6	41
121	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
122	Equilibrium initialization and stability of three-dimensional gas discs. Monthly Notices of the Royal Astronomical Society, 2010, 407, 705-720.	1.6	40
123	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
124	Concentrations of dark haloes emerge from their merger histories. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4450-4464.	1.6	40
125	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
126	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

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127	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
128	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
129	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
130	DASH: a library of dynamical subhalo evolution. Monthly Notices of the Royal Astronomical Society, 2019, 485, 189-202.	1.6	33
131	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
132	Comprehensive assessment of the too big to fail problem. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3576-3593.	1.6	31
133	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
134	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
135	Durable Resistance to Crop Pathogens: An Epidemiological Framework to Predict Risk under Uncertainty. PLoS Computational Biology, 2013, 9, e1002870.	1.5	30
136	THE STATISTICAL NATURE OF THE BRIGHTEST GROUP GALAXIES. Astrophysical Journal, 2014, 782, 23.	1.6	30
137	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
138	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
139	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
140	Spatial dynamics and control of a crop pathogen with mixed-mode transmission. PLoS Computational Biology, 2017, 13, e1005654.	1.5	29
141	INTERNAL KINEMATICS OF GROUPS OF GALAXIES IN THE SLOAN DIGITAL SKY SURVEY DATA RELEASE 7. Astrophysical Journal, 2012, 758, 50.	1.6	28
142	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
143	On stellar mass loss from galaxies in groups and clusters. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4170-4193.	1.6	27
144	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

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145	A model of growth and development in copepods. Limnology and Oceanography, 1994, 39, 1528-1542.	1.6	25
146	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
147	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
148	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
149	On the Random Motion of Nuclear Objects in a Fuzzy Dark Matter Halo. Astrophysical Journal, 2021, 916, 27.	1.6	25
150	THE NATURE OF RED DWARF GALAXIES. Astrophysical Journal, 2009, 697, 247-257.	1.6	24
151	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
152	MAPPING THE REAL-SPACE DISTRIBUTIONS OF GALAXIES IN SDSS DR7. I. TWO-POINT CORRELATION FUNCTIONS. Astrophysical Journal, 2016, 833, 241.	1.6	23
153	LyÂÎ± blobs from cold streams undergoing Kelvinâ€“Helmholtz instabilities. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2415-2427.	1.6	23
154	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
155	DISK ASSEMBLY AND THEM_{BH}-Ïƒ_eRELATION OF SUPERMASSIVE BLACK HOLES. Astrophysical Journal, 2013, 765, 23.	1.6	22
156	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
157	Brightest galaxies as halo centre tracers in SDSS DR7. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2830-2851.	1.6	21
158	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
159	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
160	What makes or breaks a campaign to stop an invading plant pathogen?. PLoS Computational Biology, 2020, 16, e1007570.	1.5	19
161	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
162	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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163	Dynamical self-friction: how mass loss slows you down. Monthly Notices of the Royal Astronomical Society, 2020, 495, 4496-4507.	1.6	18
164	ELUCID. V. Lighting Dark Matter Halos with Galaxies. Astrophysical Journal, 2018, 860, 30.	1.6	17
165	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
166	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
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