

# Ben Moore

## List of Publications by Year in descending order

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100  
papers

16,477  
citations

22153

59  
h-index

38395

95  
g-index

101  
all docs

101  
docs citations

101  
times ranked

8289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ensembl Genomes 2020“enabling non-vertebrate genomic research. Nucleic Acids Research, 2020, 48, D689-D695.	14.5	416
2	Inferring the dark matter velocity anisotropy to the cluster edge. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3151-3161.	4.4	3
3	Ensembl Genomes 2018: an integrated omics infrastructure for non-vertebrate species. Nucleic Acids Research, 2018, 46, D802-D808.	14.5	489
4	Stochasticity and predictability in terrestrial planet formation. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2170-2188.	4.4	39
5	Internal alignments of red versus blue discs in dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2015, 452, 4094-4110.	4.4	24
6	The same with less: the cosmic web of warm versus cold dark matter dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4413-4423.	4.4	17
7	A systematic look at the effects of radiative feedback on disc galaxy formation. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2837-2853.	4.4	69
8	Brightest cluster galaxies in cosmological simulations with adaptive mesh refinement: successes and failures. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1500-1508.	4.4	34
9	The biasing of baryons on the cluster mass function and cosmological parameter estimation. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2290-2299.	4.4	51
10	Precision cosmology in muddy waters: cosmological constraints and N-body codes. Monthly Notices of the Royal Astronomical Society, 2014, 440, 249-268.	4.4	21
11	Cusp“core transformations induced by AGN feedback in the progenitors of cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1947-1954.	4.4	105
12	Towards an accurate mass function for precision cosmology. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1866-1882.	4.4	45
13	What's up in the Milky Way? The orientation of the disc relative to the triaxial halo. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2971-2981.	4.4	59
14	LEDA 074886: A REMARKABLE RECTANGULAR-LOOKING GALAXY. Astrophysical Journal, 2012, 750, 121.	4.5	25
15	The role of Active Galactic Nuclei feedback in the formation of the brightest cluster galaxies. Proceedings of the International Astronomical Union, 2012, 8, 362-365.	0.0	0
16	The formation of the brightest cluster galaxies in cosmological simulations: the case for active galactic nucleus feedback. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2859-2873.	4.4	76
17	The effects of baryon physics, black holes and active galactic nucleus feedback on the mass distribution in clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 422, 3081-3091.	4.4	126
18	Evidence for inhomogeneous reionization in the local Universe from metal-poor globular cluster systems. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2177-2189.	4.4	28

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19	Non-linear evolution of cosmological structures in warm dark matter models. Monthly Notices of the Royal Astronomical Society, 2012, 424, 684-698.	4.4	217
20	Cores in warm dark matter haloes: a Catch 22 problem. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1105-1112.	4.4	204
21	The formation of disc galaxies in a $\Lambda$ CDM universe. Monthly Notices of the Royal Astronomical Society, 2011, 410, 1391-1408.	4.4	234
22	Reionization of the Local Group of galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 413, 2093-2102.	4.4	22
23	Mass distribution in galaxy clusters: the role of Active Galactic Nuclei feedback. Monthly Notices of the Royal Astronomical Society, 2011, 414, 195-208.	4.4	153
24	On the stability of tidal streams. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1569-1576.	4.4	10
25	How common are Earth-Moon planetary systems?. Proceedings of the International Astronomical Union, 2010, 6, 414-415.	0.0	0
26	CORE CREATION IN GALAXIES AND HALOS VIA SINKING MASSIVE OBJECTS. Astrophysical Journal, 2010, 725, 1707-1716.	4.5	103
27	The Dark and Light Side of Galaxy Formation: Is an End in Sight?. , 2010, , .		0
28	From planetesimals to terrestrial planets: N-body simulations including the effects of nebular gas and giant planets. Icarus, 2010, 207, 517-535.	2.5	124
29	The orbital evolution induced by baryonic condensation in triaxial haloes. Monthly Notices of the Royal Astronomical Society, 2010, 403, 525-544.	4.4	70
30	Dark matter direct detection with non-Maxwellian velocity structure. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 030-030.	5.4	182
31	Systematic uncertainties in the determination of the local dark matter density. Physical Review D, 2010, 82, .	4.7	89
32	Impact of dark matter microhalos on signatures for direct and indirect detection. Physical Review D, 2010, 82, .	4.7	52
33	CENTRAL MASS AND LUMINOSITY OF MILKY WAY SATELLITES IN THE $\Lambda$ COLD DARK MATTER MODEL. Astrophysical Journal, 2009, 692, L109-L112.	4.5	45
34	Large-scale galactic turbulence: can self-gravity drive the observed $H\alpha$ velocity dispersions?. Monthly Notices of the Royal Astronomical Society, 2009, 392, 294-308.	4.4	112
35	The graininess of dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2009, 394, 641-659.	4.4	64
36	Disc formation and the origin of clumpy galaxies at high redshift. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 397, L64-L68.	3.3	167

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37	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
38	Merger and ring galaxy formation rates at $z \approx 2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 389, 1275-1283.	4.4	21
39	Multimass spherical structure models for N-body simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1543-1556.	4.4	35
40	Ram-Pressure Induced Star Formation in the LMC. <i>Publications of the Astronomical Society of Australia</i> , 2008, 25, 138-148.	3.4	3
41	Formation and Accretion History of Terrestrial Planets from Runaway Growth through to Late Time: Implications for Orbital Eccentricity. <i>Astrophysical Journal</i> , 2008, 685, 1247-1261.	4.5	64
42	The Causes of Halo Shape Changes Induced by Cooling Baryons: Disks versus Substructures. <i>Astrophysical Journal</i> , 2008, 681, 1076-1088.	4.5	153
43	Discreteness Effects in $\Lambda$ CDM Simulations: A Wavelet Statistical View. <i>Astrophysical Journal</i> , 2008, 686, 1-12.	4.5	47
44	An Alternative to Grids and Glasses: Quasiversal Pre-initial Conditions for N-body Simulations. <i>Astrophysical Journal</i> , 2007, 656, 631-635.	4.5	21
45	The Source of Ionization along the Magellanic Stream. <i>Astrophysical Journal</i> , 2007, 670, L109-L112.	4.5	107
46	An optimum time-stepping scheme for N-body simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 376, 273-286.	4.4	26
47	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
48	Empirical Models for Dark Matter Halos. II. Inner Profile Slopes, Dynamical Profiles, and $\beta$ . <i>Astronomical Journal</i> , 2006, 132, 2701-2710.	4.7	141
49	Empirical Models for Dark Matter Halos. I. Nonparametric Construction of Density Profiles and Comparison with Parametric Models. <i>Astronomical Journal</i> , 2006, 132, 2685-2700.	4.7	441
50	Empirical Models for Dark Matter Halos. III. The Kormendy Relation and the $\log_{10} \sigma_{1/2} \propto \log_{10} R_e$ Relation. <i>Astronomical Journal</i> , 2006, 132, 2711-2716.	4.7	52
51	The Origin of Polar Ring Galaxies: Evidence for Galaxy Formation by Cold Accretion. <i>Astrophysical Journal</i> , 2006, 636, L25-L28.	4.5	71
52	Does the Fornax dwarf spheroidal have a central cusp or core?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 1073-1077.	4.4	213
53	Cooling flows within galactic haloes: the kinematics and properties of infalling multiphase gas. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 1612-1622.	4.4	116
54	Dynamical friction in constant density cores: a failure of the Chandrasekhar formula. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 1451-1460.	4.4	133

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55	A universal density slope $\hat{\omega}$ – Velocity anisotropy relation for relaxed structures. <i>New Astronomy</i> , 2006, 11, 333-338.	1.8	154
56	A universal velocity distribution of relaxed collisionless structures. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 014-014.	5.4	37
57	The Secular Evolution of Disk Structural Parameters. <i>Astrophysical Journal</i> , 2006, 645, 209-227.	4.5	365
58	The Fate of Supermassive Black Holes and the Evolution of the $M_{BH}$ – $\dot{M}$ Relation in Merging Galaxies: The Effect of Gaseous Dissipation. <i>Astrophysical Journal</i> , 2005, 623, L67-L70.	4.5	119
59	Tidal streams in a MOND potential: constraints from Sagittarius. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 971-976.	4.4	33
60	Morphological evolution of discs in clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 364, 607-619.	4.4	181
61	Cusps in cold dark matter haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 364, 665-673.	4.4	168
62	The distribution and kinematics of early high- $\dot{M}$ peaks in present-day haloes: implications for rare objects and old stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 364, 367-383.	4.4	156
63	The Kinematic Signature of Face-on Peanut-shaped Bulges. <i>Astrophysical Journal</i> , 2005, 628, 678-694.	4.5	79
64	Two-body relaxation in cold dark matter simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 348, 977-986.	4.4	89
65	Velocity and spatial biases in cold dark matter subhalo distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 535-546.	4.4	289
66	The baryonic mass-velocity relation: clues to feedback processes during structure formation and the cosmic baryon inventory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 354, 477-484.	4.4	31
67	The origin and tidal evolution of cuspy triaxial haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 354, 522-528.	4.4	55
68	Convergence and scatter of cluster density profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 353, 624-632.	4.4	206
69	Bulges or Bars from Secular Evolution?. <i>Astrophysical Journal</i> , 2004, 604, L93-L96.	4.5	104
70	Density Profiles of Cold Dark Matter Substructure: Implications for the Missing Satellites Problem. <i>Astrophysical Journal</i> , 2004, 608, 663-679.	4.5	226
71	Generating Equilibrium Dark Matter Halos: Inadequacies of the Local Maxwellian Approximation. <i>Astrophysical Journal</i> , 2004, 601, 37-46.	4.5	204
72	The Effect of Gas Cooling on the Shapes of Dark Matter Halos. <i>Astrophysical Journal</i> , 2004, 611, L73-L76.	4.5	279

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73	On the age-radius relation and orbital history of cluster galaxies. Proceedings of the International Astronomical Union, 2004, 2004, .	0.0	5
74	Faint Galaxy Population in Clusters: X-Ray Emission, cD Halos, and Projection Effects. Astrophysical Journal, 2004, 603, 67-73.	4.5	11
75	Tidal debris of dwarf spheroidals as a probe of structure formation models. Monthly Notices of the Royal Astronomical Society, 2002, 336, 119-130.	4.4	89
76	Do Clusters Contain a Large Population of Dwarf Galaxies?. Astrophysical Journal, 2001, 546, 157-164.	4.5	50
77	The Morphological Evolution of Galaxy Satellites. Astrophysics and Space Science, 2001, 276, 375-382.	1.4	7
78	Dark matter in Draco and the Local Group: Implications for direct detection experiments. Physical Review D, 2001, 64, .	4.7	95
79	Tidal Stirring and the Origin of Dwarf Spheroidals in the Local Group. Astrophysical Journal, 2001, 547, L123-L127.	4.5	208
80	The Metamorphosis of Tidally Stirred Dwarf Galaxies. Astrophysical Journal, 2001, 559, 754-784.	4.5	312
81	Where Are the High-Velocity Clouds?. Astrophysical Journal, 2001, 555, L95-L98.	4.5	80
82	Collisional versus Collisionless Dark Matter. Astrophysical Journal, 2000, 535, L21-L24.	4.5	95
83	Surface brightness of dark matter: Unique signatures of neutralino annihilation in the galactic halo. Physical Review D, 2000, 62, .	4.7	111
84	Gone with the Wind: The Origin of S0 Galaxies in Clusters. Science, 2000, 288, 1617-1620.	12.6	502
85	The fate of LSB galaxies in clusters and the origin of the diffuse intra-cluster light. International Astronomical Union Colloquium, 1999, 171, 229-236.	0.1	2
86	Galaxy Harassment—Interactions for the 90s. Symposium - International Astronomical Union, 1999, 186, 393-400.	0.1	1
87	Bulges and black holes: Harassing the hosts. Advances in Space Research, 1999, 23, 937-948.	2.6	0
88	Ram pressure stripping of spiral galaxies in clusters. Monthly Notices of the Royal Astronomical Society, 1999, 308, 947-954.	4.4	566
89	Dark Matter Substructure within Galactic Halos. Astrophysical Journal, 1999, 524, L19-L22.	4.5	2,396
90	Dark matter. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 3259-3276.	3.4	3

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91	Galaxy Harassment " Interactions For The 90S. , 1999, , 393-400.		2
92	Morphological Transformation from Galaxy Harassment. Astrophysical Journal, 1998, 495, 139-151.	4.5	667
93	The Formation of Quasars in Low-Luminosity Hosts via Galaxy Harassment. Astrophysical Journal, 1998, 495, 152-156.	4.5	64
94	Dynamical Effects on Galaxies in Clusters. Symposium - International Astronomical Union, 1996, 171, 203-206.	0.1	1
95	Constraints on the Global Mass-to-Light Ratios and on the Extent of Dark Matter Halos in Globular Clusters and Dwarf Spheroidals. Astrophysical Journal, 1996, 461, .	4.5	102
96	Galaxy harassment and the evolution of clusters of galaxies. Nature, 1996, 379, 613-616.	27.8	1,403
97	On the Destruction and Overmerging of Dark Halos in Dissipationless N-Body Simulations. Astrophysical Journal, 1996, 457, 455.	4.5	135
98	The origin of the Magellanic Stream. Monthly Notices of the Royal Astronomical Society, 1994, 270, 209-221.	4.4	173
99	Evidence against dissipation-less dark matter from observations of galaxy haloes. Nature, 1994, 370, 629-631.	27.8	858
100	Fundamental differences between SPH and grid methods. Monthly Notices of the Royal Astronomical Society, 0, 380, 963-978.	4.4	525