

# James E Taylor

## List of Publications by Year in descending order

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62  
papers

5,173  
citations

136950

32  
h-index

144013

57  
g-index

64  
all docs

64  
docs citations

64  
times ranked

4107  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mass Assembly History of Field Galaxies: Detection of an Evolving Mass Limit for Star-Forming Galaxies. <i>Astrophysical Journal</i> , 2006, 651, 120-141.	4.5	524
2	NEW CONSTRAINTS ON THE EVOLUTION OF THE STELLAR-TO-DARK MATTER CONNECTION: A COMBINED ANALYSIS OF GALAXY-GALAXY LENSING, CLUSTERING, AND STELLAR MASS FUNCTIONS FROM $z = 0.2$ to $z = 1$ . <i>Astrophysical Journal</i> , 2012, 744, 159.	4.5	437
3	THE CHANDRA COSMOS SURVEY. I. OVERVIEW AND POINT SOURCE CATALOG. <i>Astrophysical Journal</i> , Supplement Series, 2009, 184, 158-171.	7.7	361
4	The Structural Evolution of Substructure. <i>Astrophysical Journal</i> , 2003, 584, 541-558.	4.5	327
5	Weak Gravitational Lensing with COSMOS: Galaxy Selection and Shape Measurements. <i>Astrophysical Journal</i> , Supplement Series, 2007, 172, 219-238.	7.7	325
6	THE NEXT GENERATION VIRGO CLUSTER SURVEY (NGVS). I. INTRODUCTION TO THE SURVEY*. <i>Astrophysical Journal</i> , Supplement Series, 2012, 200, 4.	7.7	306
7	Dark matter maps reveal cosmic scaffolding. <i>Nature</i> , 2007, 445, 286-290.	27.8	302
8	The Phase-Space Density Profiles of Cold Dark Matter Halos. <i>Astrophysical Journal</i> , 2001, 563, 483-488.	4.5	259
9	A WEAK LENSING STUDY OF X-RAY GROUPS IN THE COSMOS SURVEY: FORM AND EVOLUTION OF THE MASS-LUMINOSITY RELATION. <i>Astrophysical Journal</i> , 2010, 709, 97-114.	4.5	227
10	COSMOS: Three-dimensional Weak Lensing and the Growth of Structure. <i>Astrophysical Journal</i> , Supplement Series, 2007, 172, 239-253.	7.7	212
11	The Dynamics of Sinking Satellites around Disk Galaxies: A Poor Man's Alternative to High-Resolution Numerical Simulations. <i>Astrophysical Journal</i> , 2001, 559, 716-735.	4.5	178
12	The evolution of substructure in galaxy, group and cluster haloes - I. Basic dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 348, 811-830.	4.4	139
13	The Stability of the Point-Spread Function of the Advanced Camera for Surveys on the Hubble Space Telescope and Implications for Weak Gravitational Lensing. <i>Astrophysical Journal</i> , Supplement Series, 2007, 172, 203-218.	7.7	119
14	THE NEXT GENERATION VIRGO CLUSTER SURVEY. VIII. THE SPATIAL DISTRIBUTION OF GLOBULAR CLUSTERS IN THE VIRGO CLUSTER. <i>Astrophysical Journal</i> , 2014, 794, 103.	4.5	104
15	First Catalog of Strong Lens Candidates in the COSMOS Field. <i>Astrophysical Journal</i> , Supplement Series, 2008, 176, 19-38.	7.7	101
16	The Next Generation Virgo Cluster Survey. XXIII. Fundamentals of Nuclear Star Clusters over Seven Decades in Galaxy Mass. <i>Astrophysical Journal</i> , 2019, 878, 18.	4.5	83
17	Massive black hole remnants of the first stars in galactic haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 340, 647-656.	4.4	77
18	A Subaru Weak-Lensing Survey. I. Cluster Candidates and Spectroscopic Verification. <i>Astrophysical Journal</i> , 2007, 669, 714-728.	4.5	70

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19	THE NEXT GENERATION VIRGO CLUSTER SURVEY (NGVS). XIII. THE LUMINOSITY AND MASS FUNCTION OF GALAXIES IN THE CORE OF THE VIRGO CLUSTER AND THE CONTRIBUTION FROM DISRUPTED SATELLITES*. <i>Astrophysical Journal</i> , 2016, 824, 10.	4.5	65
20	First measurement of the cross-correlation of CMB lensing and galaxy lensing. <i>Physical Review D</i> , 2015, 91, .	4.7	60
21	Can supersymmetry naturally explain the positron excess?. <i>Physical Review D</i> , 2004, 69, .	4.7	54
22	The evolution of substructure in galaxy, group and cluster haloes â€” II. Global properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 364, 515-534.	4.4	51
23	Astrometric Perturbations in Substructure Lensing. <i>Astrophysical Journal</i> , 2007, 659, 52-68.	4.5	49
24	Can Astrophysical Gamma-Ray Sources Mimic Dark Matter Annihilation in Galactic Satellites?. <i>Astrophysical Journal</i> , 2007, 659, L125-L128.	4.5	49
25	COSMOS: STOCHASTIC BIAS FROM MEASUREMENTS OF WEAK LENSING AND GALAXY CLUSTERING. <i>Astrophysical Journal</i> , 2012, 750, 37.	4.5	45
26	Weak lensing mass map and peak statistics in Canadaâ€”Franceâ€”Hawaii Telescope Stripe 82 survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2534-2542.	4.4	43
27	Massive black hole remnants of the first stars - I. Abundance in present-day galactic haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 354, 427-442.	4.4	41
28	Tidal Disruption of the First Dark Microhalos. <i>Astrophysical Journal</i> , 2007, 654, 697-701.	4.5	41
29	The Next Generation Virgo Cluster Survey (NGVS). XXIV. The Red Sequence to $10^{6.5}$ $L_{\text{IR}}^{\text{TM}}$ and Comparisons with Galaxy Formation Models. <i>Astrophysical Journal</i> , 2017, 836, 120.	4.5	40
30	The Next Generation Virgo Cluster Survey (NGVS). XIV. The Discovery of Low-mass Galaxies and a New Galaxy Catalog in the Core of the Virgo Cluster. <i>Astrophysical Journal</i> , 2020, 890, 128.	4.5	39
31	The evolution of substructure in galaxy, group and cluster haloes â€” III. Comparison with simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 364, 535-551.	4.4	38
32	The Massâ€”Concentration Relation and the Stellar-to-halo Mass Ratio in the CFHT Stripe 82 Survey. <i>Astrophysical Journal</i> , 2017, 840, 104.	4.5	33
33	The phase-space structure of tidally stripped haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2345-2358.	4.4	30
34	Connecting Substructure in Galaxy Cluster Cores at $z = 0.2$ with Cluster Assembly Histories. <i>Astrophysical Journal</i> , 2008, 682, L73-L76.	4.5	27
35	WHAT DO DARK MATTER HALO PROPERTIES TELL US ABOUT THEIR MASS ASSEMBLY HISTORIES?. <i>Astrophysical Journal</i> , 2012, 757, 102.	4.5	27
36	The Spectroscopy and H-band Imaging of Virgo Cluster Galaxies (SHIVir) Survey: Scaling Relations and the Stellar-to-total Mass Relation. <i>Astrophysical Journal</i> , 2017, 843, 74.	4.5	27

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37	Massive black hole remnants of the first stars - III. Observational signatures from the past. Monthly Notices of the Royal Astronomical Society, 2004, 354, 629-640.	4.4	26
38	Subaru Weak-Lensing Survey II: Multi-Object Spectroscopy and Cluster Masses. Publication of the Astronomical Society of Japan, 2009, 61, 833-872.	2.5	26
39	THE NEXT GENERATION VIRGO CLUSTER SURVEY. IX. ESTIMATING THE EFFICIENCY OF GALAXY FORMATION ON THE LOWEST-MASS SCALES. Astrophysical Journal, 2015, 807, 88.	4.5	22
40	On the origin of the 511-keV emission in the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2009, 392, 1115-1123.	4.4	21
41	Massive black hole remnants of the first stars - II. Optical and X-ray signatures in present-day galactic haloes. Monthly Notices of the Royal Astronomical Society, 2004, 354, 443-456.	4.4	20
42	Mass-loss in tidally stripped systems: the energy-based truncation method. Monthly Notices of the Royal Astronomical Society, 2020, 494, 378-395.	4.4	19
43	MEASURING THE GEOMETRY OF THE UNIVERSE FROM WEAK GRAVITATIONAL LENSING BEHIND GALAXY GROUPS IN THEHSTCOSMOS SURVEY. Astrophysical Journal, 2012, 749, 127.	4.5	15
44	Major mergers between dark matter haloes â€” II. Profile and concentration changes. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1008-1024.	4.4	14
45	Major mergers between dark matter haloes â€” I. Predictions for size, shape, and spin. Monthly Notices of the Royal Astronomical Society, 2019, 487, 993-1007.	4.4	13
46	Evolution of subhalo orbits in a smoothly growing host halo potential. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1233-1247.	4.4	12
47	Dark Matter Halos from the Inside Out. Advances in Astronomy, 2011, 2011, 1-17.	1.1	11
48	Searching for dark matter annihilation from individual halos: uncertainties, scatter and signal-to-noise ratios. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 019-019.	5.4	10
49	Suzaku X-Ray Follow-Up Observation of Weak-Lensing-Detected Halos in the Field around ZwCl 0823.2+0425. Publication of the Astronomical Society of Japan, 2011, 63, 357-366.	2.5	9
50	Independent constraints on local non-Gaussianity from the peculiar velocity and density fields. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2029-2037.	4.4	9
51	Quantifying the abundance of faint, low-redshift satellite galaxies in the COSMOS survey. Monthly Notices of the Royal Astronomical Society, 2018, 478, 5336-5355.	4.4	9
52	FAINT DWARFS IN NEARBY GROUPS. Astrophysical Journal, 2014, 788, 188.	4.5	8
53	The orbital distribution of satellite galaxies. Monthly Notices of the Royal Astronomical Society, 0, 384, 803-813.	4.4	7
54	Modelling the formation of individual galaxies: A morphology problem for CDM?. Astrophysics and Space Science, 2003, 284, 405-409.	1.4	5

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55	The assembly of the Virgo cluster, traced by its galaxy haloes. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1111-1126.	4.4	2
56	Will GLAST Identify Dark Matter?. AIP Conference Proceedings, 2007, , .	0.4	1
57	Cluster assembly times as a cosmological test. Monthly Notices of the Royal Astronomical Society, 2021, 508, 100-117.	4.4	1
58	Predicting Substructure in CDM Haloes. Proceedings of the International Astronomical Union, 2004, 2004, 225-230.	0.0	0
59	Clues to Dwarf galaxy Formation from Clustering and Kinematics. Proceedings of the International Astronomical Union, 2005, 1, 185-188.	0.0	0
60	Rotation of Galaxy Dark Matter Halos. Proceedings of the International Astronomical Union, 2006, 2, 104-104.	0.0	0
61	Local group analogues “ searching for the satellites of the nearest massive galaxies. Proceedings of the International Astronomical Union, 2012, 8, 238-238.	0.0	0
62	A hierarchical clustering method for quantifying satellite abundance. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4976-4991.	4.4	0