

# Jeremy J Webb

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

753  
citations

471509

17  
h-index

552781

26  
g-index

41  
all docs

41  
docs citations

41  
times ranked

795  
citing authors

#	ARTICLE	IF	CITATIONS
1	Back to the future: estimating initial globular cluster masses from their present-day stellar mass functions. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3279-3288.	4.4	66
2	The state of globular clusters at birth – II. Primordial binaries. Monthly Notices of the Royal Astronomical Society, 2015, 446, 226-239.	4.4	52
3	THE INFLUENCE OF ORBITAL ECCENTRICITY ON TIDAL RADII OF STAR CLUSTERS. Astrophysical Journal, 2013, 764, 124.	4.5	48
4	The effect of orbital eccentricity on the dynamical evolution of star clusters. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1569-1577.	4.4	43
5	The effects of orbital inclination on the scale size and evolution of tidally filling star clusters. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1048-1055.	4.4	32
6	The state of globular clusters at birth: emergence from the gas-embedded phase. Monthly Notices of the Royal Astronomical Society, 2013, 436, 3399-3412.	4.4	31
7	Searching for the GD-1 stream progenitor in <i>Gaia</i> DR2 with direct <i>N</i>-body simulations. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5929-5938.	4.4	28
8	The dynamics of multiple populations in the globular cluster NGC 6362. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2166-2172.	4.4	27
9	The orbital anisotropy profiles of nearby globular clusters from Gaia Data Release 2. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3693-3701.	4.4	26
10	The size of star clusters accreted by the Milky Way. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2872-2877.	4.4	25
11	On the link between energy equipartition and radial variation in the stellar mass function of star clusters. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1977-1983.	4.4	25
12	Strong chemical tagging with APOGEE: 21 candidate star clusters that have dissolved across the Milky Way disc. Monthly Notices of the Royal Astronomical Society, 2020, 496, 5101-5115.	4.4	25
13	Radial variation in the stellar mass functions of star clusters. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2383-2393.	4.4	24
14	Characteristic radii of the Milky Way globular clusters. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4367-4377.	4.4	23
15	An extended Pal 5 stream in Gaia DR2. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4978-4986.	4.4	23
16	High-resolution simulations of dark matter subhalo disruption in a Milky-Way-like tidal field. Monthly Notices of the Royal Astronomical Society, 2020, 499, 116-128.	4.4	22
17	Evolution of the stellar mass function in multiple-population globular clusters. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2731-2742.	4.4	19
18	Modelling the observed stellar mass function and its radial variation in galactic globular clusters. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3845-3855.	4.4	17

#	ARTICLE	IF	CITATIONS
19	The effects of dwarf galaxies on the orbital evolution of galactic globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 804-813.	4.4	17
20	The dynamical evolution of accreted star clusters in the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 240-247.	4.4	16
21	A systematic analysis of star cluster disruption by tidal shocks – I. Controlled N-body simulations and a new theoretical model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 5879-5894.	4.4	15
22	Spatial mixing of binary stars in multiple-population globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2592-2599.	4.4	15
23	GLOBULAR CLUSTER SCALE SIZES IN GIANT GALAXIES: THE CASE OF M87 AND THE ROLE OF ORBITAL ANISOTROPY AND TIDAL FILLING. <i>Astrophysical Journal</i> , 2013, 779, 94.	4.5	12
24	The evolution of kicked stellar-mass black holes in star cluster environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3835-3846.	4.4	11
25	Rediscovering the tidal tails of NGC 288 with <i>Gaia</i> DR2. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 484, L114-L118.	3.3	11
26	THE OBSERVATIONAL AND THEORETICAL TIDAL RADII OF GLOBULAR CLUSTERS IN M87. <i>Astrophysical Journal</i> , 2012, 746, 93.	4.5	10
27	Searching for solar siblings in APOGEE and <i>Gaia</i> DR2 with N-body simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 2268-2279.	4.4	10
28	THE SIZE DIFFERENCE BETWEEN RED AND BLUE GLOBULAR CLUSTERS IS NOT DUE TO PROJECTION EFFECTS. <i>Astrophysical Journal Letters</i> , 2012, 759, L39.	8.3	9
29	The Structural and Kinematic Evolution of Central Star Clusters in Dwarf Galaxies and Their Dependence on Dark Matter Halo Profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3708-3714.	4.4	9
30	The early evolution of star clusters in compressive and extensive tidal fields. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 468, L92-L96.	3.3	8
31	The effect of stellar helium abundance on dynamics of multiple populations in globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3027-3032.	4.4	7
32	The evolution of kicked stellar-mass black holes in star cluster environments - II. Rotating star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 3055-3066.	4.4	7
33	The effect of dwarf galaxies on the tidal tails of globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2437-2447.	4.4	7
34	Globular cluster scale sizes in giant galaxies: orbital anisotropy and tidally underfilling clusters in M87, NGC 1399 and NGC 5128. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2129-2142.	4.4	6
35	Modelling the Effects of Dark Matter Substructure on Globular Cluster Evolution with the Tidal Approximation. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	6
36	Mass-loss from massive globular clusters in tidal fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3000-3009.	4.4	6

#	ARTICLE	IF	CITATIONS
37	The initial properties of young star clusters in M83. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1933-1939.	4.4	5
38	The effects of $\Lambda$ CDM dark matter substructure on the orbital evolution of star clusters. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1932-1939.	4.4	4
39	Variation in the stellar mass function along stellar streams. Monthly Notices of the Royal Astronomical Society, 2021, 510, 774-785.	4.4	4
40	Bayesian Inference of Globular Cluster Properties Using Distribution Functions. Astrophysical Journal, 2022, 926, 211.	4.5	2
41	Dynamical effects on the stellar mass function of multiple stellar populations in globular clusters. Proceedings of the International Astronomical Union, 2019, 14, 346-349.	0.0	0