

Caroline Foster

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

5,127
citations

76294

40
h-index

88593

70
g-index

91
all docs

91
docs citations

91
times ranked

3493
citing authors

#	ARTICLE	IF	CITATIONS
1	Galaxy And Mass Assembly (GAMA): end of survey report and data release 2. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2087-2126.	1.6	436
2	The SAMI Galaxy Survey: instrument specification and target selection. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2857-2879.	1.6	370
3	Galaxy And Mass Assembly: the G02 field, Herschelâ€™ATLAS target selection and data release 3. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3875-3888.	1.6	176
4	Galaxy And Mass Assembly (GAMA): spectroscopic analysis. Monthly Notices of the Royal Astronomical Society, 2013, 430, 2047-2066.	1.6	163
5	The Aspenâ€™Amsterdam void finder comparison project. Monthly Notices of the Royal Astronomical Society, 2008, 387, 933-944.	1.6	162
6	THE SAGES LEGACY UNIFYING GLOBULARS AND GALAXIES SURVEY (SLUGGS): SAMPLE DEFINITION, METHODS, AND INITIAL RESULTS. Astrophysical Journal, 2014, 796, 52.	1.6	143
7	The SLUGGS Survey: kinematics for over 2500 globular clusters in 12 early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 428, 389-420.	1.6	142
8	The SAMI Galaxy Survey: Early Data Release. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1567-1583.	1.6	132
9	THE SAMI GALAXY SURVEY: REVISITING GALAXY CLASSIFICATION THROUGH HIGH-ORDER STELLAR KINEMATICS. Astrophysical Journal, 2017, 835, 104.	1.6	115
10	Galaxy And Mass Assembly (GAMA): deconstructing bimodality â€™ I. Red ones and blue ones. Monthly Notices of the Royal Astronomical Society, 2015, 446, 2144-2185.	1.6	113
11	The SLUGGS survey: calcium triplet-based spectroscopic metallicities for over 900 globular clusters. Monthly Notices of the Royal Astronomical Society, 2012, 426, 1475-1495.	1.6	106
12	Galaxy And Mass Assembly: evolution of the $H\beta$ luminosity function and star formation rate density up to $z \leq 0.35$. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2764-2789.	1.6	99
13	THE SLUGGS SURVEY: WIDE-FIELD STELLAR KINEMATICS OF EARLY-TYPE GALAXIES. Astrophysical Journal, 2014, 791, 80.	1.6	96
14	THE ONGOING ASSEMBLY OF A CENTRAL CLUSTER GALAXY: PHASE-SPACE SUBSTRUCTURES IN THE HALO OF M87. Astrophysical Journal, 2012, 748, 29.	1.6	95
15	The SAMI Galaxy Survey: cubism and covariance, putting round pegs into square holes. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1551-1566.	1.6	95
16	SMALL SCATTER AND NEARLY ISOTHERMAL MASS PROFILES TO FOUR HALF-LIGHT RADII FROM TWO-DIMENSIONAL STELLAR DYNAMICS OF EARLY-TYPE GALAXIES. Astrophysical Journal Letters, 2015, 804, L21.	3.0	94
17	Evidence for two phases of galaxy formation from radial trends in the globular cluster system of NGC 1407. Monthly Notices of the Royal Astronomical Society, 2011, 413, 2943-2949.	1.6	90
18	The SAMI Galaxy Survey: spatially resolving the main sequence of star formation. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5194-5214.	1.6	89

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19	Galaxy And Mass Assembly (GAMA): a deeper view of the mass, metallicity and SFR relationships. Monthly Notices of the Royal Astronomical Society, 2013, 434, 451-470.	1.6	83
20	Galaxy And Mass Assembly (GAMA): linking star formation histories and stellar mass growth. Monthly Notices of the Royal Astronomical Society, 2013, 434, 209-221.	1.6	81
21	Galaxy And Mass Assembly (GAMA): the large-scale structure of galaxies and comparison to mock universes. Monthly Notices of the Royal Astronomical Society, 2014, 438, 177-194.	1.6	80
22	The SAMI Galaxy Survey: the cluster redshift survey, target selection and cluster properties. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1824-1849.	1.6	79
23	Galaxy And Mass Assembly: resolving the role of environment in galaxy evolution. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2903-2917.	1.6	76
24	Galaxy And Mass Assembly (GAMA): the effect of close interactions on star formation in galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 452, 616-636.	1.6	75
25	The SAMI Galaxy Survey: Data Release Two with absorption-line physics value-added products. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2299-2319.	1.6	73
26	Deep Extragalactic Visible Legacy Survey (DEVILS): motivation, design, and target catalogue. Monthly Notices of the Royal Astronomical Society, 2018, 480, 768-799.	1.6	73
27	The SLUGGS survey: exploring the metallicity gradients of nearby early-type galaxies to large radii. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1003-1039.	1.6	70
28	The SAMI Galaxy Survey: the third and final data release. Monthly Notices of the Royal Astronomical Society, 2021, 505, 991-1016.	1.6	70
29	Global properties of "ordinary" early-type galaxies: photometry and spectroscopy of stars and globular clusters in NGC 4494. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3393-3416.	1.6	68
30	The SAMI Galaxy Survey: spatially resolving the environmental quenching of star formation in GAMA galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 121-142.	1.6	68
31	The SAMI Galaxy Survey: Mass as the Driver of the Kinematic Morphology "Density Relation in Clusters. Astrophysical Journal, 2017, 844, 59.	1.6	65
32	The SAMI Galaxy Survey: Data Release One with emission-line physics value-added products. Monthly Notices of the Royal Astronomical Society, 2018, 475, 716-734.	1.6	65
33	The SLUGGS Survey: stellar kinematics, kinemetry and trends at large radii in 25 early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 457, 147-171.	1.6	57
34	The SAMI Galaxy Survey: revising the fraction of slow rotators in IFS galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1272-1285.	1.6	57
35	Kinematics and simulations of the stellar stream in the halo of the Umbrella Galaxy. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3544-3564.	1.6	53
36	The SLUGGS survey: breaking degeneracies between dark matter, anisotropy and the IMF using globular cluster subpopulations in the giant elliptical NGC 5846. Monthly Notices of the Royal Astronomical Society, 2014, 439, 659-672.	1.6	51

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37	A relation between the characteristic stellar ages of galaxies and their intrinsic shapes. <i>Nature Astronomy</i> , 2018, 2, 483-488.	4.2	49
38	The SLUGGS survey: the mass distribution in early-type galaxies within five effective radii and beyond. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3838-3860.	1.6	45
39	Galaxy And Mass Assembly (GAMA): the connection between metals, specific SFR and $H\alpha$ gas in galaxies: the $\langle i \rangle Z \langle i \rangle$ SSFR relation. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 433, L35-L39.	1.2	42
40	Galaxy And Mass Assembly (GAMA): the mass-metallicity relationship. <i>Astronomy and Astrophysics</i> , 2012, 547, A79.	2.1	42
41	Metallicity gradients at large galactocentric radii using the near-infrared Calcium triplet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 400, 2135-2146.	1.6	41
42	The SLUGGS Survey: new evidence for a tidal interaction between the early-type galaxies NGC 4365 and NGC 4342. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2420-2431.	1.6	40
43	The SAMI Galaxy Survey: the intrinsic shape of kinematically selected galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 966-978.	1.6	38
44	The SAMI Galaxy Survey: Gravitational Potential and Surface Density Drive Stellar Populations. I. Early-type Galaxies. <i>Astrophysical Journal</i> , 2018, 856, 64.	1.6	37
45	DERIVING METALLICITIES FROM THE INTEGRATED SPECTRA OF EXTRAGALACTIC GLOBULAR CLUSTERS USING THE NEAR-INFRARED CALCIUM TRIPLET. <i>Astronomical Journal</i> , 2010, 139, 1566-1578.	1.9	34
46	The SLUGGS survey: outer triaxiality of the fast rotator elliptical NGC 4473. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 3587-3591.	1.6	34
47	The SLUGGS Survey: A Catalog of Over 4000 Globular Cluster Radial Velocities in 27 Nearby Early-type Galaxies. <i>Astronomical Journal</i> , 2017, 153, 114.	1.9	32
48	The MASSIVE Survey X. Misalignment between kinematic and photometric axes and intrinsic shapes of massive early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2810-2826.	1.6	32
49	The SAMI Galaxy Survey: decomposed stellar kinematics of galaxy bulges and disks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4638-4658.	1.6	32
50	THE SIZE, SHAPE, AND ORIENTATION OF COSMOLOGICAL VOIDS IN THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal</i> , 2009, 699, 1252-1260.	1.6	31
51	The SLUGGS survey: globular cluster system kinematics and substructure in NGC 4365. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1959-1971.	1.6	31
52	The SLUGGS survey: globular cluster stellar population trends from weak absorption lines in stacked spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 369-390.	1.6	31
53	Galaxy and Mass Assembly (GAMA): galaxies at the faint end of the $H\beta$ luminosity function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 1236-1243.	1.6	29
54	GAMA/H-ATLAS: linking the properties of submm detected and undetected early-type galaxies I. $z \approx 0.06$ sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 1929-1946.	1.6	29

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55	The SLUGGS survey: using extended stellar kinematics to disentangle the formation histories of low-mass S0 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4540-4557.	1.6	29
56	HIDING IN PLAIN SIGHT: RECORD-BREAKING COMPACT STELLAR SYSTEMS IN THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal Letters</i> , 2015, 808, L32.	3.0	28
57	Bridging the gap between low- and high-mass dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 2665-2678.	1.6	27
58	A discrete chemo-dynamical model of the giant elliptical galaxy NGC 5846: dark matter fraction, internal rotation, and velocity anisotropy out to six effective radii. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 4001-4017.	1.6	27
59	The WAGGS project â€” I. The WiFeS Atlas of Galactic Globular cluster Spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3828-3849.	1.6	26
60	The SLUGGS survey: multipopulation dynamical modelling of the elliptical galaxy NGC 1407 from stars and globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 3345-3358.	1.6	24
61	The diverse nature and formation paths of slow rotator galaxies in the <sc>eagle</sc> simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4372-4391.	1.6	23
62	A SLUGGS and Gemini/GMOS combined study of the elliptical galaxy M60: wide-field photometry and kinematics of the globular cluster system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 1962-1983.	1.6	22
63	The SLUGGS survey: the assembly histories of individual early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1242-1256.	1.6	22
64	The SAMI Galaxy Survey: a statistical approach to an optimal classification of stellar kinematics in galaxy surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 3078-3106.	1.6	22
65	The SLUGGS survey: combining stellar and globular cluster metallicities in the outer regions of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2625-2639.	1.6	20
66	The WAGGS project â€” II. The reliability of the calcium triplet as a metallicity indicator in integrated stellar light. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1275-1303.	1.6	20
67	Radially extended kinematics in the S0 galaxy NGC 2768 from planetary nebulae, globular clusters and starlight. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 975-982.	1.6	19
68	Galaxy and Mass Assembly (GAMA): formation and growth of elliptical galaxies in the group environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 3934-3943.	1.6	19
69	Deep Extragalactic Visible Legacy Survey (DEVILS): consistent multiwavelength photometry for the DEVILS regions (COSMOS, XMM-LSS, and ECFDS). <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 256-287.	1.6	19
70	The SAMI galaxy survey: Mass and environment as independent drivers of galaxy dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2307-2328.	1.6	18
71	Constraining the nature of two Ly α emitters detected by ALMA at $z = 4.7$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2096-2101.	1.6	17
72	The SAMI Galaxy Survey: Bulge and Disk Stellar Population Properties in Cluster Galaxies. <i>Astrophysical Journal</i> , 2021, 906, 100.	1.6	17

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73	The MAGPI survey: Science goals, design, observing strategy, early results and theoretical framework. Publications of the Astronomical Society of Australia, 2021, 38, .	1.3	15
74	The SAMI Galaxy Survey: kinematics of dusty early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1991-2006.	1.6	14
75	Prospects for recovering galaxy intrinsic shapes from projected quantities. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2354-2371.	1.6	13
76	Hector: a new multi-object integral field spectrograph instrument for the Anglo-Australian Telescope. , 2020, , .		12
77	The SLUGGS survey: chromodynamical modelling of the lenticular galaxy NGC1023. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2611-2621.	1.6	10
78	The SAMI Galaxy Survey: Bayesian inference for gas disc kinematics using a hierarchical Gaussian mixture model. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4024-4044.	1.6	10
79	The SLUGGS survey: globular cluster kinematics in a "double sigma" galaxy NGC4473. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2208-2219.	1.6	9
80	The SAMI Galaxy Survey: the role of disc fading and progenitor bias in kinematic transitions. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2247-2266.	1.6	9
81	The SAMI Galaxy Survey: embedded discs and radial trends in outer dynamical support across the Hubble sequence. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3105-3116.	1.6	7
82	Deep extragalactic visible legacy survey (DEVILS): the emergence of bulges and decline of disc growth since $z = 1$. Monthly Notices of the Royal Astronomical Society, 2022, 515, 1175-1198.	1.6	5
83	The SAMI Galaxy Survey: rules of behaviour for spin-ellipticity radial tracks in galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 491, 324-343.	1.6	4
84	The SAMI Galaxy Survey: Stellar Populations of Passive Spiral Galaxies in Different Environments. Astrophysical Journal, 2021, 906, 43.	1.6	4
85	Galaxy And Mass Assembly (GAMA): Improved emission lines measurements in four representative samples at $0.07 < z < 0.3$. Astronomy and Astrophysics, 2016, 590, A18.	2.1	2
86	The SLUGGS Survey: A New Mask Design to Reconstruct the Stellar Populations and Kinematics of Both Inner and Outer Galaxy Regions. Publications of the Astronomical Society of Australia, 2016, 33, .	1.3	2
87	Observations of cold extragalactic gas clouds at $z = 0.45$ towards PKS 1610-771. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3638-3650.	1.6	2
88	The SAMI Galaxy Survey: A prototype data archive for Big Science exploration. Astronomy and Computing, 2015, 13, 58-66.	0.8	1
89	Radial gradients in the SLUGGS survey. Proceedings of the International Astronomical Union, 2014, 10, 165-166.	0.0	0
90	The intricate link between galaxy dynamics and intrinsic shape (or why so-called prolate rotation is a		