

# Steven P Bamford

## List of Publications by Year in descending order

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120  
papers

13,679  
citations

18482

62  
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22166

113  
g-index

120  
all docs

120  
docs citations

120  
times ranked

6532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Galaxy Zoo: morphologies derived from visual inspection of galaxies from the Sloan Digital Sky Survey<sup>âˆš</sup>. Monthly Notices of the Royal Astronomical Society, 2008, 389, 1179-1189.	4.4	1,102
2	Galaxy and Mass Assembly (GAMA): survey diagnostics and core data release. Monthly Notices of the Royal Astronomical Society, 2011, 413, 971-995.	4.4	826
3	Galaxy bimodality versus stellar mass and environment. Monthly Notices of the Royal Astronomical Society, 2006, 373, 469-483.	4.4	689
4	Galaxy Zoo 1: data release of morphological classifications for nearly 900â€f000 galaxiesâˆš.... Monthly Notices of the Royal Astronomical Society, 2011, 410, 166-178.	4.4	549
5	Galaxy And Mass Assembly (GAMA): stellar mass estimates. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1587-1620.	4.4	502
6	Galaxy Zoo: the dependence of morphology and colour on environment. Monthly Notices of the Royal Astronomical Society, 2009, 393, 1324-1352.	4.4	460
7	Galaxy Zoo Green Peas: discovery of a class of compact extremely star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2009, 399, 1191-1205.	4.4	446
8	Galaxy Zoo 2: detailed morphological classifications for 304Â122 galaxies from the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2835-2860.	4.4	439
9	Galaxy And Mass Assembly (GAMA): end of survey report and data release 2. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2087-2126.	4.4	436
10	GAMA: towards a physical understanding of galaxy formation. Astronomy and Geophysics, 2009, 50, 5.12-5.19.	0.2	307
11	Galaxy and Mass Assembly (GAMA): the GAMA galaxy group catalogue (G3Cv1). Monthly Notices of the Royal Astronomical Society, 2011, 416, 2640-2668.	4.4	283
12	Galaxy And Mass Assembly (GAMA): Structural Investigation of Galaxies via Model Analysis. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1007-1039.	4.4	273
13	Galaxy Zoo: bars in disc galaxiesâˆš.... Monthly Notices of the Royal Astronomical Society, 2011, 411, 2026-2034.	4.4	227
14	Galaxy Zoo: â€Hanny's Voorwerpâ€™™, a quasar light echo?. Monthly Notices of the Royal Astronomical Society, 2009, 399, 129-140.	4.4	212
15	Galaxy And Mass Assembly (GAMA): massâ€size relations of $z \leq 0.1$ galaxies subdivided by SÃ©rsic index, colour and morphology. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2603-2630.	4.4	196
16	Galaxy Zoo: disentangling the environmental dependence of morphology and colour. Monthly Notices of the Royal Astronomical Society, 2009, 399, 966-982.	4.4	184
17	Galaxy and Mass Assembly (GAMA): the star formation rate dependence of the stellar initial mass function. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1647-1662.	4.4	178
18	GALAXY ZOO: THE FUNDAMENTALLY DIFFERENT CO-EVOLUTION OF SUPERMASSIVE BLACK HOLES AND THEIR EARLY- AND LATE-TYPE HOST GALAXIES. Astrophysical Journal, 2010, 711, 284-302.	4.5	171

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19	Galaxy And Mass Assembly (GAMA): spectroscopic analysis. Monthly Notices of the Royal Astronomical Society, 2013, 430, 2047-2066.	4.4	163
20	Galaxy Zoo: reproducing galaxy morphologies via machine learning.... Monthly Notices of the Royal Astronomical Society, 2010, 406, 342-353.	4.4	153
21	MegaMorph – multiwavelength measurement of galaxy structure: complete SDSS profile information from modern surveys. Monthly Notices of the Royal Astronomical Society, 2013, 430, 330-369.	4.4	152
22	Galaxy Zoo: the fraction of merging galaxies in the SDSS and their morphologies. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1043-1056.	4.4	150
23	Galaxy Zoo: the properties of merging galaxies in the nearby Universe - local environments, colours, masses, star formation rates and AGN activity. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1552-1563.	4.4	150
24	Galaxy and Mass Assembly (GAMA): ugriz galaxy luminosity functions. Monthly Notices of the Royal Astronomical Society, 2012, 420, 1239-1262.	4.4	143
25	Galaxy Zoo: a sample of blue early-type galaxies at low redshift. Monthly Notices of the Royal Astronomical Society, 2009, 396, 818-829.	4.4	142
26	Galaxy And Mass Assembly (GAMA): Panchromatic Data Release (far-UV – far-IR) and the low- $z$ energy budget. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3911-3942.	4.4	140
27	THE ENVIRONMENTS OF STARBURST AND POST-STARBURST GALAXIES AT $z = 0.4-0.8$ . Astrophysical Journal, 2009, 693, 112-131.	4.5	129
28	The Relation between Star Formation, Morphology, and Local Density in High-Redshift Clusters and Groups. Astrophysical Journal, 2008, 684, 888-904.	4.5	128
29	COMPARING THE RELATION BETWEEN STAR FORMATION AND GALAXY MASS IN DIFFERENT ENVIRONMENTS. Astrophysical Journal Letters, 2010, 710, L1-L6.	8.3	127
30	Galaxy Zoo: passive red spirals. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	125
31	Galaxy Zoo and ALFALFA: atomic gas and the regulation of star formation in barred disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2180-2192.	4.4	125
32	Galaxy Zoo: dust in spiral galaxies.... Monthly Notices of the Royal Astronomical Society, 0, 404, 792-810.	4.4	121
33	Galaxy and Mass Assembly (GAMA): Optimal Tiling of Dense Surveys with a Multi-Object Spectrograph. Publications of the Astronomical Society of Australia, 2010, 27, 76-90.	3.4	119
34	Galaxy Zoo: the large-scale spin statistics of spiral galaxies in the Sloan Digital Sky Survey.... Monthly Notices of the Royal Astronomical Society, 2008, 388, 1686-1692.	4.4	111
35	The evolution of the brightest cluster galaxies since $z \approx 1$ from the ESO Distant Cluster Survey (EDisCS). Monthly Notices of the Royal Astronomical Society, 2008, 387, 1253-1263.	4.4	110
36	Galaxy Zoo: evidence for diverse star formation histories through the green valley. Monthly Notices of the Royal Astronomical Society, 2015, 450, 435-453.	4.4	110

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37	Herschel-ATLAS/GAMA: dusty early-type galaxies and passive spirals. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2545-2578.	4.4	104
38	Herschel-ATLAS: counterparts from the ultraviolet-near-infrared in the science demonstration phase catalogue.... Monthly Notices of the Royal Astronomical Society, 2011, 416, 857-872.	4.4	103
39	Galaxy And Mass Assembly (GAMA): stellar mass functions by Hubble type. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1647-1659.	4.4	102
40	Galaxy Zoo: the environmental dependence of bars and bulges in disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 423, 1485-1502.	4.4	101
41	Galaxy And Mass Assembly: evolution of the $H\beta$ luminosity function and star formation rate density up to $z \approx 0.35$ . Monthly Notices of the Royal Astronomical Society, 2013, 433, 2764-2789.	4.4	99
42	Galaxy And Mass Assembly (GAMA): the 0.013 $\mu\text{m}$ ; $z \approx 0.1$ cosmic spectral energy distribution from 0.1 $\mu\text{m}$ to 1 mm. Monthly Notices of the Royal Astronomical Society, 2012, 427, 3244-3264.	4.4	91
43	Galaxy Zoo: an independent look at the evolution of the bar fraction over the last eight billion years from HST-COSMOS.... Monthly Notices of the Royal Astronomical Society, 2014, 438, 2882-2897.	4.4	91
44	Galaxy And Mass Assembly (GAMA): galaxy environments and star formation rate variations. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3679-3691.	4.4	86
45	Galaxy And Mass Assembly (GAMA): trends in galaxy colours, morphology, and stellar populations with large-scale structure, group, and pair environments. Monthly Notices of the Royal Astronomical Society, 2015, 451, 3249-3268.	4.4	85
46	MegaMorph " multiwavelength measurement of galaxy structure. $\chi^2$ profile fits to galaxies near and far. Monthly Notices of the Royal Astronomical Society, 2013, 435, 623-649.	4.4	83
47	Galaxy Zoo: comparing the demographics of spiral arm number and a new method for correcting redshift bias. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3663-3682.	4.4	83
48	Galaxy And Mass Assembly (GAMA): linking star formation histories and stellar mass growth. Monthly Notices of the Royal Astronomical Society, 2013, 434, 209-221.	4.4	81
49	Galaxy And Mass Assembly (GAMA): the wavelength-dependent sizes and profiles of galaxies revealed by MegaMorph. Monthly Notices of the Royal Astronomical Society, 2014, 441, 1340-1362.	4.4	81
50	The P.N.S Elliptical Galaxy Survey: a standard $\Lambda$ CDM halo around NGC 4374?... Monthly Notices of the Royal Astronomical Society, 2011, 411, 2035-2053.	4.4	80
51	Galaxy Zoo: probabilistic morphology through Bayesian CNNs and active learning. Monthly Notices of the Royal Astronomical Society, 2020, 491, 1554-1574.	4.4	78
52	Galaxy And Mass Assembly (GAMA): ugrizYJHK $\chi^2$ luminosity functions and the cosmic spectral energy distribution by Hubble type. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1245-1269.	4.4	76
53	Galaxy And Mass Assembly (GAMA): Data Release 4 and the $\langle i \rangle_z$ and $\langle i \rangle_z$ $\langle i \rangle_z$ 0.1 total and $\langle i \rangle_z$ $\langle i \rangle_z$ 0.08 morphological galaxy stellar mass functions. Monthly Notices of the Royal Astronomical Society, 2022, 513, 439-467.	4.4	75
54	Galaxy Zoo: bar lengths in local disc galaxies.... Monthly Notices of the Royal Astronomical Society, 2011, 415, 3627-3640.	4.4	74

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55	Galaxy And Mass Assembly (GAMA): refining the local galaxy merger rate using morphological information. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1157-1169.	4.4	73
56	Herschel-ATLAS: the far-infrared-radio correlation at $z < 0.5$ .... Monthly Notices of the Royal Astronomical Society, 2010, 409, 92-101.	4.4	71
57	Galaxy Zoo: secular evolution of barred galaxies from structural decomposition of multiband images. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4731-4753.	4.4	71
58	Galaxy Zoo: CANDELS barred discs and bar fractions.... Monthly Notices of the Royal Astronomical Society, 2014, 445, 3466-3474.	4.4	70
59	Galaxy Zoo: quantitative visual morphological classifications for 48,000 galaxies from CANDELS. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4420-4447.	4.4	70
60	The environmental dependence of the chemical properties of star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2007, 382, 801-808.	4.4	69
61	Galaxy Zoo DECaLS: Detailed visual morphology measurements from volunteers and deep learning for 314,000 galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3966-3988.	4.4	68
62	The different star formation histories of blue and red spiral and elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 359-373.	4.4	67
63	THE SUDDEN DEATH OF THE NEAREST QUASAR. Astrophysical Journal Letters, 2010, 724, L30-L33.	8.3	66
64	Galaxy Cluster Mass Reconstruction Project " II. Quantifying scatter and bias using contrasting mock catalogues. Monthly Notices of the Royal Astronomical Society, 2015, 449, 1897-1920.	4.4	65
65	Galaxy Zoo: bulgeless galaxies with growing black holes. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2199-2211.	4.4	64
66	Galaxy Zoo: building the low-mass end of the red sequence with local post-starburst galaxies.... Monthly Notices of the Royal Astronomical Society, 2012, 420, 1684-1692.	4.4	56
67	Planetary Nebula Spectrograph survey of S0 galaxy kinematics " II. Clues to the origins of S0 galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1010-1020.	4.4	55
68	Clustering properties of galaxies selected in stellar mass: breaking down the link between luminous and dark matter in massive galaxies from $z = 0$ to $z = 2$ . Monthly Notices of the Royal Astronomical Society, 2010, 406, 147-164.	4.4	53
69	Galaxy Zoo: quantifying morphological indicators of galaxy interaction.... Monthly Notices of the Royal Astronomical Society, 2013, 429, 1051-1065.	4.4	53
70	Galaxy Zoo: dust and molecular gas in early-type galaxies with prominent dust lanes.... Monthly Notices of the Royal Astronomical Society, 2012, 423, 49-58.	4.4	52
71	Galaxy Zoo: morphological classifications for 120,000 galaxies in <i>HST</i> legacy imaging. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4176-4203.	4.4	51
72	Galaxy Zoo: Are bars responsible for the feeding of active galactic nuclei at $0.2 < z < 1.0$ .... Monthly Notices of the Royal Astronomical Society, 2015, 447, 506-516.	4.4	49

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73	Galaxy Zoo: dust lane early-type galaxies are tracers of recent, gas-rich minor mergers.... Monthly Notices of the Royal Astronomical Society, 2012, 423, 59-67.	4.4	44
74	Galaxy Zoo and sparcfire: constraints on spiral arm formation mechanisms from spiral arm number and pitch angles. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2263-2279.	4.4	44
75	The Tully-Fisher relation of distant cluster galaxies. Monthly Notices of the Royal Astronomical Society, 2005, 361, 109-127.	4.4	43
76	Galaxy and Mass Assembly: FUV, NUV, ugrizYJHK Petrosian, Kron and S <sup>4</sup> G photometry. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	43
77	Galaxy and Mass Assembly (GAMA): the red fraction and radial distribution of satellite galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1374-1386.	4.4	43
78	Untangling galaxy components: full spectral bulge-disc decomposition. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2024-2033.	4.4	42
79	The Tully-Fisher relation of distant field galaxies. Monthly Notices of the Royal Astronomical Society, 2006, 366, 308-320.	4.4	40
80	MegaMorph - multiwavelength measurement of galaxy structure: physically meaningful bulge-disc decomposition of galaxies near and far. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3603-3621.	4.4	40
81	Galaxy And Mass Assembly (GAMA): understanding the wavelength dependence of galaxy structure with bulge-disc decompositions. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3458-3471.	4.4	39
82	Revealing components of the galaxy population through non-parametric techniques. Monthly Notices of the Royal Astronomical Society, 2008, 391, 607-616.	4.4	37
83	Unravelling the origins of S0 galaxies using maximum likelihood analysis of planetary nebulae kinematics. Monthly Notices of the Royal Astronomical Society, 2011, 414, 642-651.	4.4	37
84	Galaxy Zoo: chiral correlation function of galaxy spins. Monthly Notices of the Royal Astronomical Society, 2009, 392, 1225-1232.	4.4	36
85	The effect of the environment on the gas kinematics and the structure of distant galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1996-2019.	4.4	36
86	SDSS-IV MaNGA: bulge-disc decomposition of IFU data cubes (BUDDI). Monthly Notices of the Royal Astronomical Society, 2017, 465, 2317-2341.	4.4	36
87	Galaxy And Mass Assembly (GAMA): the wavelength dependence of galaxy structure versus redshift and luminosity. Monthly Notices of the Royal Astronomical Society, 2015, 454, 806-817.	4.4	35
88	The Tully-Fisher relation of intermediate redshift field and cluster galaxies from Subaru spectroscopy. Monthly Notices of the Royal Astronomical Society, 2006, 366, 144-162.	4.4	33
89	Galaxy and mass assembly (GAMA): dust obscuration in galaxies and their recent star formation histories. Monthly Notices of the Royal Astronomical Society, 2011, 410, 2291-2301.	4.4	33
90	GAMA/H-ATLAS: the ultraviolet spectral slope and obscuration in galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1002-1012.	4.4	32

#	ARTICLE	IF	CITATIONS
91	OMEGAâ€™OSIRIS mapping of emission-line galaxies in A901/2â€™V. The rich population of jellyfish galaxies in the multicluster system Abell 901/2. Monthly Notices of the Royal Astronomical Society, 2019, 484, 892-905.	4.4	30
92	MegaMorph: classifying galaxy morphology using multi-wavelength SÃ©rsic profile fits. Astronomy and Astrophysics, 2015, 577, A97.	5.1	29
93	Galaxy Zoo: Mergers â€™ Dynamical models of interacting galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 459, 720-745.	4.4	27
94	The fraction of early-type galaxies in low-redshift groups and clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3478-3485.	4.4	25
95	Task Workflow Design and its impact on performance and volunteers' subjective preference in Virtual Citizen Science. International Journal of Human Computer Studies, 2017, 104, 50-63.	5.6	23
96	Galaxy Zoo: finding offset discs and bars in SDSS galaxiesâ€™.... Monthly Notices of the Royal Astronomical Society, 2017, 469, 3363-3373.	4.4	22
97	Galaxy Zoo: star formation versus spiral arm number. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1850-1863.	4.4	21
98	Caught in the act: cluster â€™k+aâ€™ galaxies as a link between spirals and S0s. Monthly Notices of the Royal Astronomical Society, 2013, 438, 1038-1050.	4.4	20
99	Galaxy Zoo: Morphological Classification of Galaxy Images from the Illustris Simulation. Astrophysical Journal, 2018, 853, 194.	4.5	20
100	The Frequency of Dust Lanes in Edge-on Spiral Galaxies Identified by Galaxy Zoo in KiDS Imaging of GAMA Targets. Astronomical Journal, 2019, 158, 103.	4.7	18
101	The Moon Zoo citizen science project: Preliminary results for the Apollo 17 landing site. Icarus, 2016, 271, 30-48.	2.5	17
102	Quantifying Non-parametric Structure of High-redshift Galaxies with Deep Learning. Astrophysical Journal, 2021, 916, 4.	4.5	17
103	Galaxy Zoo: constraining the origin of spiral arms. Monthly Notices of the Royal Astronomical Society, 2018, 478, 932-949.	4.4	15
104	Galaxy And Mass Assembly (GAMA): Galaxy colour gradients versus colour, structure, and luminosity. Astronomy and Astrophysics, 2016, 593, A84.	5.1	15
105	Moon Zoo: citizen science in lunar exploration. Astronomy and Geophysics, 2011, 52, 2.10-2.12.	0.2	14
106	Galaxy Zoo Builder: Four-component Photometric Decomposition of Spiral Galaxies Guided by Citizen Science. Astrophysical Journal, 2020, 900, 178.	4.5	14
107	The Tully-Fisher relation of galaxies atzâ€™¼ 0.85 in the DEEP2 survey. Monthly Notices of the Royal Astronomical Society, 2007, 377, 806-814.	4.4	13
108	Galaxy Zoo: a correlation between the coherence of galaxy spin chirality and star formation efficiencyâ€™.... Monthly Notices of the Royal Astronomical Society, 0, 404, 975-980.	4.4	12



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109	OMEGA " OSIRIS Mapping of Emission-line Galaxies in A901/2 " I. Survey description, data analysis, and star formation and AGN activity in the highest density regions. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4458-4474.	4.4	12
110	The SLUGGS survey: chromodynamical modelling of the lenticular galaxy NGC1023. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2611-2621.	4.4	10
111	OMEGA " OSIRIS Mapping of Emission-line Galaxies in A901/2 " III. Galaxy properties across projected phase space in A901/2. Monthly Notices of the Royal Astronomical Society, 2017, 471, 182-200.	4.4	10
112	Galaxy and Mass Assembly: A Comparison between Galaxy"Galaxy Lens Searches in KiDS/GAMA. Astronomical Journal, 2020, 160, 223.	4.7	10
113	Recovering the origins of the lenticular galaxy NGC 3115 using multiband imaging. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2146-2167.	4.4	8
114	OMEGA " OSIRIS mapping of emission-line galaxies in A901/2 " IV. Extinction of star formation estimators with inclination. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3788-3799.	4.4	6
115	EU-FP7-iMARS: ANALYSIS OF MARS MULTI-RESOLUTION IMAGES USING AUTO-COREGISTRATION, DATA MINING AND CROWD SOURCE TECHNIQUES: PROCESSED RESULTS " A FIRST LOOK. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B4, 453-458.	0.2	3
116	Morphology in the era of large surveys. Astronomy and Geophysics, 2013, 54, 5.16-5.19.	0.2	1
117	Black Hole Growth and Host Galaxy Morphology. Proceedings of the International Astronomical Union, 2009, 5, 438-441.	0.0	0
118	Measuring SEDs for individual galaxy components. Proceedings of the International Astronomical Union, 2011, 7, 301-305.	0.0	0
119	Probing quasar shutdown timescales with Hanny's Voorwerp. , 2012, , .		0
120	OMEGA: OSIRIS Mapping of Emission-Line Galaxies in A901/2. Proceedings of the International Astronomical Union, 2014, 10, 171-174.	0.0	0