

Stephen M Wilkins

List of Publications by Year in descending order

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63
papers

4,488
citations

109311

35
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128286

60
g-index

63
all docs

63
docs citations

63
times ranked

3793
citing authors

#	ARTICLE	IF	CITATIONS
1	The star formation burstiness and ionizing efficiency of low-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4464-4479.	4.4	30
2	First Light And Reionisation Epoch Simulations (FLARES) – III. The properties of massive dusty galaxies at cosmic dawn. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4999-5017.	4.4	19
3	The impact of dust on the sizes of galaxies in the Epoch of Reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5475-5491.	4.4	15
4	On the Stellar Populations of Galaxies at $z = 9-11$: The Growth of Metals and Stellar Mass at Early Times. <i>Astrophysical Journal</i> , 2022, 927, 170.	4.5	73
5	First Light And Reionisation Epoch Simulations (FLARES) – IV. The size evolution of galaxies at $z \sim 5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1921-1939.	4.4	21
6	Observing the host galaxies of high-redshift quasars with JWST: predictions from the BlueTides simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1209-1228.	4.4	16
7	A machine learning approach to mapping baryons on to dark matter haloes using the eagle and C-EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 5046-5061.	4.4	20
8	The host galaxies of $z = 7$ quasars: predictions from the BlueTides simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3819-3836.	4.4	24
9	Cosmic variance of $z > 7$ galaxies: prediction from bluetides. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 754-766.	4.4	21
10	Nebular-line emission during the Epoch of Reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 6079-6094.	4.4	24
11	First Light And Reionization Epoch Simulations (FLARES) – I. Environmental dependence of high-redshift galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2127-2145.	4.4	59
12	Detailed dust modelling in the L-Galaxies semi-analytic model of galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4072-4089.	4.4	61
13	Learning the relationship between galaxies spectra and their star formation histories using convolutional neural networks and cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5503-5520.	4.4	28
14	Recalibrating the cosmic star formation history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5359-5365.	4.4	29
15	A tiny host galaxy for the first giant black hole: $z = 7.5$ quasar in BlueTides. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1388-1399.	4.4	14
16	Characterising and identifying galaxy protoclusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4612-4628.	4.4	40
17	Galaxy And Mass Assembly: the G02 field, Herschel-ATLAS target selection and data release 3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3875-3888.	4.4	176
18	Red, redder, reddest: SCUBA-2 imaging of colour-selected Herschel sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1099-1119.	4.4	22

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19	Dust-obscured star-forming galaxies in the early universe. Monthly Notices of the Royal Astronomical Society, 2018, 473, 5363-5369.	4.4	30
20	GAMA/G10-COSMOS/3D-HST: the Λ CDM cosmic star formation history, stellar-mass, and dust-mass densities. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2891-2935.	4.4	150
21	The origin of the most massive black holes at high- z : BlueTides and the next quasar frontier. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4243-4251.	4.4	83
22	Galaxy And Mass Assembly (GAMA): the galaxy stellar mass function to $z \approx 0.1$ from the r-band selected equatorial regions. Monthly Notices of the Royal Astronomical Society, 2017, 470, 283-302.	4.4	93
23	The properties of the first galaxies in the BlueTides simulation. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2517-2530.	4.4	63
24	Forecasts for the WFIRST High Latitude Survey using the BlueTides simulation. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3520-3530.	4.4	34
25	INFERRED $H\beta$ FLUX AS A STAR FORMATION RATE INDICATOR AT $z \approx 4-5$: IMPLICATIONS FOR DUST PROPERTIES, BURSTINESS, AND THE $z \approx 8$ STAR FORMATION RATE FUNCTIONS. Astrophysical Journal, 2016, 833, 254.	4.5	66
26	Quantifying the UV-continuum slopes of galaxies to $z \approx 10$ using deep Hubble + Spitzer/IRAC observations. Monthly Notices of the Royal Astronomical Society, 2016, 455, 659-667.	4.4	49
27	The photometric properties of galaxies in the early Universe. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3170-3178.	4.4	31
28	Galaxy And Mass Assembly: accurate panchromatic photometry from optical priors using lambda _{bar} . Monthly Notices of the Royal Astronomical Society, 2016, 460, 765-801.	4.4	138
29	Galaxy And Mass Assembly (GAMA): Panchromatic Data Release (far-UV to far-IR) and the low- z energy budget. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3911-3942.	4.4	140
30	Monsters in the dark: predictions for luminous galaxies in the early Universe from the B _T simulation. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 461, L51-L55.	3.3	28
31	The Lyman-continuum photon production efficiency in the high-redshift Universe. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 458, L6-L9.	3.3	49
32	The BlueTides simulation: first galaxies and reionization. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2778-2791.	4.4	148
33	THE FORMATION OF MILKY WAY MASS DISK GALAXIES IN THE FIRST 500 MILLION YEARS OF A COLD DARK MATTER UNIVERSE. Astrophysical Journal Letters, 2015, 808, L17.	8.3	40
34	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.	4.4	75
35	The MassiveBlack-II simulation: the evolution of haloes and galaxies to $z \approx 0$. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1349-1374.	4.4	262
36	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

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37	Galaxy formation in the Planck cosmology â€“ III. The high-redshift universe. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2692-2702.	4.4	28
38	Galaxy And Mass Assembly (GAMA): massâ€“size relations of $z \lesssim 0.1$ galaxies subdivided by SÃ©rsic index, colour and morphology. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2603-2630.	4.4	196
39	Galaxy And Mass Assembly (GAMA): curation and reanalysis of 16.6k redshifts in the G10/COSMOS region. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1014-1027.	4.4	53
40	Luminosity function of [Oâ€“iii] emission-line galaxies in the MassiveBlack-II simulation. Monthly Notices of the Royal Astronomical Society, 2015, 454, 277-287.	4.4	11
41	Spectroscopy of $z \sim 7$ candidate galaxies: using Lyman $\hat{\pm}$ to constrain the neutral fraction of hydrogen in the high-redshift universeâ€“.... Monthly Notices of the Royal Astronomical Society, 2014, 443, 2831-2842.	4.4	126
42	Interpreting high [Oâ€“iii]/H $\hat{\pm}^2$ ratios with maturing starbursts. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3466-3472.	4.4	51
43	Galaxy And Mass Assembly (GAMA): galaxy close pairs, mergers and the future fate of stellar mass. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3986-4008.	4.4	126
44	Asking gender questions. Astronomy and Geophysics, 2014, 55, 6.8-6.12.	0.2	13
45	GALAXY AND MASS ASSEMBLY (GAMA): MID-INFRARED PROPERTIES AND EMPIRICAL RELATIONS FROM WISE. Astrophysical Journal, 2014, 782, 90.	4.5	180
46	Interpreting the observed UV continuum slopes of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 430, 2885-2890.	4.4	50
47	Constraining the bright-end of the UV luminosity function for $z \sim 7-9$ galaxies: results from CANDELS/GOODS-South. Monthly Notices of the Royal Astronomical Society, 2013, 429, 150-158.	4.4	35
48	Confronting predictions of the galaxy stellar mass function with observations at high redshift. Monthly Notices of the Royal Astronomical Society, 2013, 429, 2098-2103.	4.4	6
49	Single-colour diagnostics of the mass-to-light ratio â€“ I. Predictions from galaxy formation models. Monthly Notices of the Royal Astronomical Society, 2013, 431, 430-439.	4.4	15
50	Theoretical predictions for the effect of nebular emission on the broad-band photometry of high-redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 435, 2885-2895.	4.4	35
51	VLT/XSHOOTER and Subaru/MOIRCS spectroscopy of HUDF.YD3: no evidence for Lyman $\hat{\pm}$ emission at $z = 8.55$ â€“.... Monthly Notices of the Royal Astronomical Society, 2013, 430, 3314-3319.	4.4	19
52	The accuracy of the UV continuum as an indicator of the star formation rate in galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1490-1496.	4.4	23
53	No evidence for Lyman $\hat{\pm}$ emission in spectroscopy of $z \gtrsim 7$ candidate galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 427, 3055-3070.	4.4	73
54	New star-forming galaxies at $z \sim 7$ from Wide Field Camera Three imaging. Monthly Notices of the Royal Astronomical Society, 2011, 411, 23-36.	4.4	53

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55	Star-forming galaxies at $z \approx 8-9$ from Hubble Space Telescope/WFC3: implications for reionization. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1455-1466.	4.4	62
56	The ultraviolet properties of star-forming galaxies - I. HST WFC3 observations of very high redshift galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 417, 717-729.	4.4	105
57	The contribution of high-redshift galaxies to cosmic reionization: new results from deep WFC3 imaging of the Hubble Ultra Deep Field. Monthly Notices of the Royal Astronomical Society, 2010, 409, 855-866.	4.4	175
58	A PUBLIC CATALOG OF STELLAR MASSES, STAR FORMATION AND METALLICITY HISTORIES, AND DUST CONTENT FROM THE SLOAN DIGITAL SKY SURVEY USING VESPA. Astrophysical Journal, Supplement Series, 2009, 185, 1-19.	7.7	85
59	The evolution of stellar mass and the implied star formation history. Monthly Notices of the Royal Astronomical Society, 2008, 385, 687-694.	4.4	188
60	Extragalactic constraints on the initial mass function. Monthly Notices of the Royal Astronomical Society, 2008, 391, 363-368.	4.4	63
61	Probing $\frac{1}{4}L^*$ Lyman-break galaxies at $z \approx 7$ in GOODS-South with WFC3 on Hubble Space Telescope. Monthly Notices of the Royal Astronomical Society, 0, 403, 938-944.	4.4	64
62	A virtual co-creation collaboration between a university physics research group and school students. , 0, , .		0
63	First Light And Reionisation Epoch Simulations (FLARES) II: The Photometric Properties of High-Redshift Galaxies. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	46