

Rebecca J Smethurst

List of Publications by Citations

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33
papers

1,020
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34
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1,288
ext. citations

4.3
avg, IF

3.83
L-index

#	Paper	IF	Citations
33	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019 , 240, 23	8	214
32	Galaxy Zoo: evidence for diverse star formation histories through the green valley. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 450, 435-453	4.3	91
31	SDSS-IV MaNGA: evidence of the importance of AGN feedback in low-mass galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 979-998	4.3	59
30	Galaxy Zoo: comparing the demographics of spiral arm number and a new method for correcting redshift bias. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 3663-3682	4.3	59
29	Galaxy Zoo: CANDELS barred discs and bar fractions?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 445, 3466-3474	4.3	54
28	Galaxy Zoo: secular evolution of barred galaxies from structural decomposition of multiband images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 4731-4753	4.3	52
27	Galaxy Zoo: quantitative visual morphological classifications for 48000 galaxies from CANDELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 4420-4447	4.3	51
26	Galaxy Zoo: Are bars responsible for the feeding of active galactic nuclei at 0.2? <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 447, 506-516	4.3	43
25	Galaxy Zoo: morphological classifications for 120000 galaxies in HST legacy imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 4176-4203	4.3	38
24	Galaxy Zoo: probabilistic morphology through Bayesian CNNs and active learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 491, 1554-1574	4.3	35
23	Normal black holes in bulge-less galaxies: the largely quiescent, merger-free growth of black holes over cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 2801-2812	4.3	32
22	Galaxy Zoo: the interplay of quenching mechanisms in the group environment?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 3670-3687	4.3	30
21	Galaxy Zoo and sparcfire: constraints on spiral arm formation mechanisms from spiral arm number and pitch angles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 472, 2263-2279	4.3	29
20	Galaxy Zoo: unwinding the winding problem Observations of spiral bulge prominence and arm pitch angles suggest local spiral galaxies are winding. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 487, 1808-1820	4.3	22
19	Supermassive black holes in disc-dominated galaxies outgrow their bulges and co-evolve with their host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 470, 1559-1569	4.3	22
18	Galaxy Zoo: evidence for rapid, recent quenching within a population of AGN host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 463, 2986-2996	4.3	22
17	SDSS-IV MaNGA: spatially resolved star formation histories and the connection to galaxy physical properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 2544-2561	4.3	22

16	SDSS-IV MaNGA: stellar population gradients within barred galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019 , 488, L6-L11	4.3	20
15	SDSS-IV MaNGA: the different quenching histories of fast and slow rotators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 2679-2687	4.3	20
14	The H I morphology and stellar properties of strongly barred galaxies: support for bar quenching in massive spirals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 492, 4697-4715	4.3	16
13	SDSS-IV MaNGA: full spectroscopic bulge-disc decomposition of MaNGA early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 1546-1558	4.3	14
12	Secularly powered outflows from AGNs: the dominance of non-merger driven supermassive black hole growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 489, 4016-4031	4.3	14
11	Galaxy Zoo: finding offset discs and bars in SDSS galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 3363-3373	4.3	14
10	Galaxy Zoo DECaLS: Detailed visual morphology measurements from volunteers and deep learning for 314 000 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	11
9	Galaxy Zoo: constraining the origin of spiral arms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 932-949	4.3	10
8	SDSS-IV MaNGA: The link between bars and the early cessation of star formation in spiral galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 1116-1125	4.3	9
7	Galaxy zoo: stronger bars facilitate quenching in star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 4389-4408	4.3	7
6	Kiloparsec-scale AGN outflows and feedback in merger-free galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 3985-3997	4.3	5
5	Accurate Identification of Galaxy Mergers with Stellar Kinematics. <i>Astrophysical Journal</i> , 2021 , 912, 45	4.7	4
4	Gems of the Galaxy Zoos: A Wide-ranging Hubble Space Telescope Gap-filler Program*. <i>Astronomical Journal</i> , 2022 , 163, 150	4.9	0
3	Quantifying the poor purity and completeness of morphological samples selected by galaxy colour. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 4126-4133	4.3	0
2	SNITCH: seeking a simple, informative star formation history inference tool. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 484, 3590-3603	4.3	
1	Using Concentration Offset to Analyze the Dependence of Galaxy Quenching on Morphology. <i>Research Notes of the AAS</i> , 2021 , 5, 237	0.8	