

Karen Lee-Waddell

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,056
citations

394421

19
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	The Detection of an Extremely Bright Fast Radio Burst in a Phased Array Feed Survey. <i>Astrophysical Journal Letters</i> , 2017, 841, L12.	8.3	133
2	WALLABY â€“ an SKA Pathfinder H&#i survey. <i>Astrophysics and Space Science</i> , 2020, 365, 1.	1.4	128
3	Australian square kilometre array pathfinder: I. system description. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	128
4	The Rapid ASKAP Continuum Survey I: Design and first results. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	3.4	127
5	<sc>sofia</sc>Â2 â€“ an automated, parallel H&#i source finding pipeline for the WALLABY survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 3962-3976.	4.4	51
6	On the dynamics of the Small Magellanic Cloud through high-resolution ASKAP H&#i observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 392-406.	4.4	36
7	Cold gas outflows from the Small Magellanic Cloud traced with ASKAP. <i>Nature Astronomy</i> , 2018, 2, 901-906.	10.1	34
8	WALLABY early science â€“ III. An H&#i study of the spiral galaxy NGC 1566. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 2797-2817.	4.4	33
9	WALLABY Pilot Survey: The Diversity of Ram Pressure Stripping of the Galactic H i Gas in the Hydra Cluster. <i>Astrophysical Journal</i> , 2021, 915, 70.	4.5	31
10	WALLABY Early Science â€“ II. The NGC 7232 galaxy group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5248-5262.	4.4	30
11	A blind ATCA HI survey of the Fornax galaxy cluster. <i>Astronomy and Astrophysics</i> , 2021, 648, A31.	5.1	29
12	WALLABY Early Science â€“ IV. ASKAP H&#i imaging of the nearby galaxy ICᑑ. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 5352-5369.	4.4	28
13	The ASKAP Variables and Slow Transients (VAST) Pilot Survey. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	26
14	WALLABY early science â€“ V. ASKAP H&#i imaging of the Lyon Group of Galaxies 351. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5723-5741.	4.4	24
15	Pre-existing dwarfs, tidal knots and a tidal dwarf galaxy: an unbiased H&#i study of the gas-rich interacting galaxy group NGC౞/9. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 2314-2327.	4.4	23
16	WALLABY early science â€“ I. The NGC᯺ galaxy group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3591-3608.	4.4	22
17	An extremely optically dim tidal feature in the gas-rich interacting galaxy group NGC 871/NGC 876/NGC 877. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 3601-3611.	4.4	20
18	The frequency and properties of young tidal dwarf galaxies in nearby gas-rich groups. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2945-2961.	4.4	20

#	ARTICLE	IF	CITATIONS
19	A pilot survey for transients and variables with the Australian Square Kilometre Array Pathfinder. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1784-1794.	4.4	20
20	Tidal origin of NGC 1427A in the Fornax cluster. Monthly Notices of the Royal Astronomical Society, 2018, 474, 1108-1115.	4.4	15
21	GASKAP-HI pilot survey science I: ASKAP zoom observations of HI emission in the Small Magellanic Cloud. Publications of the Astronomical Society of Australia, 2022, 39, .	3.4	15
22	WALLABY pre-pilot survey: HI content of the Eridanus supergroup. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2300-2317.	4.4	13
23	WALLABY pilot survey: first look at the Hydra I cluster and ram pressure stripping of ESO 501-G075. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1891-1904.	4.4	12
24	WALLABY Pre-pilot Survey: The Effects of Tidal Interaction on Radial Distribution of Color in Galaxies of the Eridanus Supergroup. Astrophysical Journal, 2022, 927, 66.	4.5	11
25	WALLABY pilot survey: HI gas disc truncation and star formation of galaxies falling into the Hydra I cluster. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1716-1732.	4.4	10
26	WALLABY pre-pilot survey: two dark clouds in the vicinity of NGC 1395. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2905-2921.	4.4	9
27	WALLABY Pre-Pilot Survey: the effects of angular momentum and environment on the HI gas and star formation properties of galaxies in the Eridanus supergroup. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2949-2967.	4.4	8
28	THE RINGS SURVEY. I. HI AND HI VELOCITY MAPS OF GALAXY NGC 2280. Astronomical Journal, 2015, 149, 116.	4.7	6
29	Optical spectroscopy of young tidal objects around two interacting galaxy pairs. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2719-2725.	4.4	6
30	MeerKAT-64 discovers wide-spread tidal debris in the nearby NGC 7232 galaxy group. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3795-3809.	4.4	6
31	Gemini Follow-up of Two Massive HI Clouds Discovered with the Australian Square Kilometer Array Pathfinder. Astrophysical Journal Letters, 2018, 854, L6.	8.3	2
32	The frequency and properties of young tidal dwarf galaxies in nearby groups. Proceedings of the International Astronomical Union, 2016, 11, 238-240.	0.0	0