Rachel L Webster

List of Publications by Year
in descending order

252	13,282	23567	25787
papers	citations	58 h-index	108 g-index

257	257	257	6419
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SkyMapper colours of Seyfert galaxies and changing-look AGN â€“ II. Newly discovered changing-look AGN. Monthly Notices of the Royal Astronomical Society, 2022, 511, 54-70.	4.4	15
2	Dual polarization measurements of MWA beampatterns at 137â€‰MHz. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1990-2004.	4.4	9
3	Evidence for an intermediate-mass black hole from a gravitationally lensed gamma-ray burst. Nature Astronomy, 2021, 5, 560-568.	10.1	46
4	A new MWA limit on the 21Âcm power spectrum at redshifts âˆ¼13â€“17. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4775-4790.	4.4	25
5	Constraining the 21â€‰cm brightness temperature of the IGM at z = 6.6 around LAEs with the murchison widefield array. Monthly Notices of the Royal Astronomical Society, 2021, 507, 772-780.	4.4	3
6	Epoch of reionization power spectrum limits from Murchison Widefield Array data targeted at EoR1 field. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5954-5971.	4.4	14
7	Changing look active galactic nuclei in the MaNGA survey. Monthly Notices of the Royal Astronomical Society, 2020, 497, 192-203.	4.4	12
8	The impact of tandem redundant/sky-based calibration in MWA Phase II data analysis. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	8
9	Modelling and peeling extended sources with shapelets: A Fornax A case study. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	11
10	Deep multiredshift limits on Epoch of Reionization 21Âcm power spectra from four seasons of Murchison Widefield Array observations. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4711-4727.	4.4	129
11	Exploring reionization and high-z galaxy observables with recent multiredshift MWA upper limits on the 21-cm signal. Monthly Notices of the Royal Astronomical Society, 2020, 500, 5322-5335.	4.4	42
12	Gridded and direct Epoch of Reionisation bispectrum estimates using the Murchison Widefield Array. Publications of the Astronomical Society of Australia, 2019, 36, .	3.4	19
13	Improving the Epoch of Reionization Power Spectrum Results from Murchison Widefield Array Season 1 Observations. Astrophysical Journal, 2019, 884, 1.	4.5	92
14	Robust statistics towards detection of the 21Âcm signal from the Epoch of Reionization. Monthly Notices of the Royal Astronomical Society, 2019, 486, 5766-5784.	4.4	4
15	The neutral hydrogen properties of galaxies in gas-rich groups. Monthly Notices of the Royal Astronomical Society, 2019, 483, 5409-5425.	4.4	11
16	Black Hole Mass Estimation: Modelling the Biases. , 2019, , .		1
17	First Season MWA Phase II Epoch of Reionization Power Spectrum Results at Redshift 7. Astrophysical Journal, 2019, 887, 141.	4.5	69
18	Near-infrared Hydrogen and Helium QSO Emission Lines. Astronomical Journal, 2019, 158, 129.	4.7	0

#	Article	IF	Citations
19	Low Altitude Solar Magnetic Reconnection, Type III Solar Radio Bursts, and X-ray Emissions. Scientific Reports, 2018, 8, 1676.	3.3	38
20	The Phase II Murchison Widefield Array: Design overview. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	140
21	Assessment of Ionospheric Activity Tolerances for Epoch of Reionization Science with the Murchison Widefield Array. Astrophysical Journal, 2018, 867, 15.	4.5	17
22	In situ measurement of MWA primary beam variation using ORBCOMM. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	24
23	Detectability of the 21-cm signal during the epoch of reionization with 21-cm Lyman Î± emitter cross-correlation â€“ I. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2754-2766.	4.4	22
24	Comparing Redundant and Sky-model-based Interferometric Calibration: A First Look with Phase II of the MWA. Astrophysical Journal, 2018, 863, 170.	4.5	41
25	Measuring the global 21-cm signal with the MWA-I: improved measurements of the Galactic synchrotron background using lunar occultation. Monthly Notices of the Royal Astronomical Society, 2018, 481, 5034-5045.	4.4	20
26	A multifrequency radio continuum study of the Magellanic Clouds â€“ I. Overall structure and star formation rates. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2743-2756.	4.4	21
27	Near-identical star formation rate densities from HÎ± and FUVat redshift zero. Monthly Notices of the Royal Astronomical Society, 2018, 480, 119-133.	4.4	10
28	The intrinsic far-UV spectrum of the high-redshift quasar B1422+231. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4722-4730.	4.4	1
29	HST imaging of four gravitationally lensed quasars. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4796-4814.	4.4	18
30	Using the Properties of Broad Absorption Line Quasars to Illuminate Quasar Structure. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4153-4171.	4.4	9
31	GaLactic and Extragalactic All-sky Murchison Widefield Array (GLEAM) survey â€“ I. A low-frequency extragalactic catalogue. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1146-1167.	4.4	402
32	PUMA: The Positional Update and Matching Algorithm. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	31
33	A Matched Filter Technique for Slow Radio Transient Detection and First Demonstration with the Murchison Widefield Array. Astronomical Journal, 2017, 153, 98.	4.7	9
34	Spectral Energy Distribution and Radio Halo of NGC 253 at Low Radio Frequencies. Astrophysical Journal, 2017, 838, 68.	4.5	23
35	The Kinematics of Quasar Broad Emission Line Regions Using a Disk-Wind Model. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	12
36	Wavelet-based Characterization of Small-scale Solar Emission Features at Low Radio Frequencies. Astrophysical Journal, 2017, 843, 19.	4.5	26

#	Article	IF	Citations
37	Results from the MWA EoR Experiment. Proceedings of the International Astronomical Union, 2017, 12, 77-82.	0.0	0
38	High-energy sources at low radio frequency: the Murchison Widefield Array view ofFermiblazars. Astronomy and Astrophysics, 2016, 588, A141.	5.1	31
39	LOW-FREQUENCY OBSERVATIONS OF LINEARLY POLARIZED STRUCTURES IN THE INTERSTELLAR MEDIUM NEAR THE SOUTH GALACTIC POLE. Astrophysical Journal, 2016, 830, 38.	4.5	58
40	DELAY SPECTRUM WITH PHASE-TRACKING ARRAYS: EXTRACTING THE H i POWER SPECTRUM FROM THE EPOCH OF REIONIZATION. Astrophysical Journal, 2016, 833, 213.	4.5	15
41	The radio spectral energy distribution of infrared-faint radio sources. Astronomy and Astrophysics, 2016, 593, A130.	5.1	8
42	A Large-Scale, Low-Frequency Murchison Widefield Array Survey of Galactic H <scp>ii</scp> Regions between 260 < l < 340. Publications of the Astronomical Society of Australia, 2016, 33, .	3.4	16
43	BEAM-FORMING ERRORS IN MURCHISON WIDEFIELD ARRAY PHASED ARRAY ANTENNAS AND THEIR EFFECTS ON EPOCH OF REIONIZATION SCIENCE. Astrophysical Journal, 2016, 820, 44.	4.5	11
44	FIRST SEASON MWA EOR POWER SPECTRUM RESULTS AT REDSHIFT 7. Astrophysical Journal, 2016, 833, 102.	4.5	147
45	THE IMPORTANCE OF WIDE-FIELD FOREGROUND REMOVAL FOR 21 cm COSMOLOGY: A DEMONSTRATION WITH EARLY MWA EPOCH OF REIONIZATION OBSERVATIONS. Astrophysical Journal, 2016, 819, 8.	4.5	65
46	Black Hole Mass Estimation: How Good is the Virial Estimate?. Publications of the Astronomical Society of Australia, 2016, 33, .	3.4	18
47	A high reliability survey of discrete Epoch of Reionization foreground sources in the MWA EoR0 field. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4151-4175.	4.4	27
48	THE MURCHISON WIDEFIELD ARRAY 21 cm POWER SPECTRUM ANALYSIS METHODOLOGY. Astrophysical Journal, 2016, 825, 114.	4.5	67
49	Time-domain and spectral properties of pulsars at 154ÂMHz. Monthly Notices of the Royal Astronomical Society, 2016, 461, 908-921.	4.4	35
50	Limits on Fast Radio Bursts and other transient sources at 182ÂMHz using the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3506-3522.	4.4	70
51	The 154ÂMHz radio sky observed by the Murchison Widefield Array: noise, confusion, and first source count analyses. Monthly Notices of the Royal Astronomical Society, 2016, 459, 3314-3325.	4.4	47
52	First limits on the 21Âcm power spectrum during the Epoch of X-ray heating. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4320-4347.	4.4	79
53	Parametrizing Epoch of Reionization foregrounds: a deep survey of low-frequency point-source spectra with the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1057-1070.	4.4	68
54	CHIPS: THE COSMOLOGICAL H i POWER SPECTRUM ESTIMATOR. Astrophysical Journal, 2016, 818, 139.	4.5	98

#	Article	IF	Citations
55	GLEAM: The GaLactic and Extragalactic All-Sky MWA Survey. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	221
56	Ionospheric Modelling using GPS to Calibrate the MWA. I: Comparison of First Order Ionospheric Effects between GPS Models and MWA Observations. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	13
57	Direct Shear Mapping: Prospects for Weak Lensing Studies of Individual Galaxyâ€“Galaxy Lensing Systems. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	3
58	MURCHISON WIDEFIELD ARRAY OBSERVATIONS OF ANOMALOUS VARIABILITY: A SERENDIPITOUS NIGHT-TIME DETECTION OF INTERPLANETARY SCINTILLATION. Astrophysical Journal Letters, 2015, 809, L12.	8.3	19
59	Power spectrum analysis of ionospheric fluctuations with the Murchison Widefield Array. Radio Science, 2015, 50, 574-597.	1.6	30
60	Empirical covariance modeling for 21Âcm power spectrum estimation: A method demonstration and new limits from early Murchison Widefield Array 128-tile data. Physical Review D, 2015, 91, .	4.7	99
61	SIMULTANEOUS OBSERVATIONS OF GIANT PULSES FROM THE CRAB PULSAR, WITH THE MURCHISON WIDEFIELD ARRAY AND PARKES RADIO TELESCOPE: IMPLICATIONS FOR THE GIANT PULSE EMISSION MECHANISM. Astrophysical Journal, 2015, 809, 51.	4.5	12
62	MICROLENSING CONSTRAINTS ON BROAD ABSORPTION AND EMISSION LINE FLOWS IN THE QUASAR H1413+117. Astrophysical Journal, 2015, 813, 62.	4.5	15
63	BROADBAND SPECTRAL MODELING OF THE EXTREME GIGAHERTZ-PEAKED SPECTRUM RADIO SOURCE PKS B0008-421. Astrophysical Journal, 2015, 809, 168.	4.5	65
64	A SEARCH FOR FAST RADIO BURSTS AT LOW FREQUENCIES WITH MURCHISON WIDEFIELD ARRAY HIGH TIME RESOLUTION IMAGING. Astronomical Journal, 2015, 150, 199.	4.7	45
65	Waves in the sky: Probing the ionosphere with the Murchison Widefield Array. , 2015, , .		0
66	An analysis of the halo and relic radio emission from Abell 3376 from Murchison Widefield Array observations. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4207-4214.	4.4	12
67	Quantifying ionospheric effects on time-domain astrophysics with the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2732-2747.	4.4	24
68	Realâ€time imaging of density ducts between the plasmasphere and ionosphere. Geophysical Research Letters, 2015, 42, 3707-3714.	4.0	61
69	Measuring phasedâ€array antenna beampatterns with high dynamic range for the Murchison Widefield Array using 137â€‰MHz ORBCOMM satellites. Radio Science, 2015, 50, 614-629.	1.6	42
70	Direct shear mapping â€“ a new weak lensing tool. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2161-2173.	4.4	13
71	A digital-receiver for the MurchisonWidefield Array. Experimental Astronomy, 2015, 39, 73-93.	3.7	17
72	THE SPECTRAL VARIABILITY OF THE GHZ-PEAKED SPECTRUM RADIO SOURCE PKS 1718-649 AND A COMPARISON OF ABSORPTION MODELS. Astronomical Journal, 2015, 149, 74.	4.7	36

#	Article	IF	Citations
73	Serendipitous discovery of a dying Giant Radio Galaxy associated with NGCÂ1534, using the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2468-2478.	4.4	31
74	CONFIRMATION OF WIDE-FIELD SIGNATURES IN REDSHIFTED 21 cm POWER SPECTRA. Astrophysical Journal Letters, 2015, 807, L28.	8.3	73
75	Memory on multiple time-scales in an Abelian sandpile. Physica A: Statistical Mechanics and Its Applications, 2015, 428, 295-301.	2.6	5
76	The Murchison Widefield Array Correlator. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	39
77	The High Time and Frequency Resolution Capabilities of the Murchison Widefield Array. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	44
78	The Low-Frequency Environment of the Murchison Widefield Array: Radio-Frequency Interference Analysis and Mitigation. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	107
79	FOREGROUNDS IN WIDE-FIELD REDSHIFTED 21 cm POWER SPECTRA. Astrophysical Journal, 2015, 804, 14.	4.5	122
80	Modelling of the spectral energy distribution of Fornax A: leptonic and hadronic production of high-energy emission from the radio lobes. Monthly Notices of the Royal Astronomical Society, 2015, 446, 3478-3491.	4.4	41
81	Limits on low-frequency radio emission from southern exoplanets with the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society, 2014, 446, 2560-2565.	4.4	39
82	The fundamental manifold of spiral galaxies: ordered versus random motions and the morphology dependence of the Tullyâ€“Fisher relation. Monthly Notices of the Royal Astronomical Society, 2014, 438, 3332-3339.	4.4	9
83	The First Murchison Widefield Array low-frequency radio observations of cluster scale non-thermal emission: the case of Abell 3667. Monthly Notices of the Royal Astronomical Society, 2014, 445, 330-346.	4.4	39
84	Overcoming real-world obstacles in 21 cm power spectrum estimation: A method demonstration and results from early Murchison Widefield Array data. Physical Review D, 2014, 89, .	4.7	151
85	THE LOW-FREQUENCY CHARACTERISTICS OF PSR J0437â€“4715 OBSERVED WITH THE MURCHISON WIDE-FIELD ARRAY. Astrophysical Journal Letters, 2014, 791, L32.	8.3	17
86	wsclean: an implementation of a fast, generic wide-field imager for radio astronomy. Monthly Notices of the Royal Astronomical Society, 2014, 444, 606-619.	4.4	562
87	STUDY OF REDSHIFTED H I FROM THE EPOCH OF REIONIZATION WITH DRIFT SCAN. Astrophysical Journal, 2014, 793, 28.	4.5	10
88	First look Murchison Widefield Array observations of Abell 3667. , 2014, , .		0
89	Observing the Sun with the Murchison Widefield Array. , 2014, , .		2
90	A survey for transients and variables with the Murchison Widefield Array 32-tile prototype at 154 MHz. Monthly Notices of the Royal Astronomical Society, 2014, 438, 352-367.	4.4	54

#	Article	IF	Citations
91	The Murchison Widefield Array Commissioning Survey: A Low-Frequency Catalogue of 14 110 Compact Radio Sources over 6 100 Square Degrees. Publications of the Astronomical Society of Australia, 2014, 31, .	3.4	62
92	Science with the Murchison Widefield Array. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	260
93	The Murchison Widefield Array: The Square Kilometre Array Precursor at Low Radio Frequencies. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	892
94	Choirs, Hâ€‰i galaxy groups: catalogue and detection of star-forming dwarf group members. Monthly Notices of the Royal Astronomical Society, 2013, 433, 543-559.	4.4	9
95	The EoR sensitivity of the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 429, L5-L9.	3.3	62
96	The giant lobes of Centaurus A observed at 118â€‰MHz with the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1286-1301.	4.4	19
97	LOW-FREQUENCY OBSERVATIONS OF THE MOON WITH THE MURCHISON WIDEFIELD ARRAY. Astronomical Journal, 2013, 145, 23.	4.7	31
98	A 189 MHz, 2400 deg²POLARIZATION SURVEY WITH THE MURCHISON WIDEFIELD ARRAY 32-ELEMENT PROTOTYPE. Astrophysical Journal, 2013, 771, 105.	4.5	79
99	Stacked reverberation mapping. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 434, L16-L20.	3.3	7
100	ON THE DETECTION AND TRACKING OF SPACE DEBRIS USING THE MURCHISON WIDEFIELD ARRAY. I. SIMULATIONS AND TEST OBSERVATIONS DEMONSTRATE FEASIBILITY. Astronomical Journal, 2013, 146, 103.	4.7	34
101	The Murchison Widefield Array: solar science with the low frequency SKA Precursor. Journal of Physics: Conference Series, 2013, 440, 012033.	0.4	15
102	A STUDY OF FUNDAMENTAL LIMITATIONS TO STATISTICAL DETECTION OF REDSHIFTED H I FROM THE EPOCH OF REIONIZATION. Astrophysical Journal, 2013, 776, 6.	4.5	123
103	KOALA: a wide-field 1000 element integral-field unit for the Anglo-Australian Telescope. Proceedings of SPIE, 2012, , .	0.8	7
104	NEW CONSTRAINTS ON THE QUASAR BROAD EMISSION LINE REGION. Astrophysical Journal, 2012, 754, 18.	4.5	18
105	FAST HOLOGRAPHIC DECONVOLUTION: A NEW TECHNIQUE FOR PRECISION RADIO INTERFEROMETRY. Astrophysical Journal, 2012, 759, 17.	4.5	76
106	LOW-FREQUENCY IMAGING OF FIELDS AT HIGH GALACTIC LATITUDE WITH THE MURCHISON WIDEFIELD ARRAY 32 ELEMENT PROTOTYPE. Astrophysical Journal, 2012, 755, 47.	4.5	25
107	Near infrared hydrogen emission line ratios as diagnostics of the broad emission line region. Journal of Physics: Conference Series, 2012, 372, 012069.	0.4	1
108	A new layout optimization technique for interferometric arrays, applied to the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1781-1788.	4.4	20

#	Article	IF	Citations
109	Loan and nonloan flows in the Australian interbank network. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 2867-2882.	2.6	13
110	Calibration for the HIPASS Continuum Catalogue. Radio Science, 2011, 46, n/a-n/a.	1.6	0
111	A MICROLENSING MEASUREMENT OF DARK MATTER FRACTIONS IN THREE LENSING GALAXIES. Astrophysical Journal, 2011, 731, 71.	4.5	39
112	FIRST SPECTROSCOPIC IMAGING OBSERVATIONS OF THE SUN AT LOW RADIO FREQUENCIES WITH THE MURCHISON WIDEFIELD ARRAY PROTOTYPE. Astrophysical Journal Letters, 2011, 728, L27.	8.3	38
113	Differential microlensing measurements of quasar broad-line kinematics in Q2237+0305. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1985-1998.	4.4	21
114	Stars and dark matter in the spiral gravitational lens 2237+0305. Monthly Notices of the Royal Astronomical Society, 2010, 401, 1540-1551.	4.4	31
115	Interferometric Imaging with the 32 Element Murchison Wide-Field Array. Publications of the Astronomical Society of the Pacific, 2010, 122, 1353-1366.	3.1	45
116	EVIDENCE FOR A NONUNIFORM INITIAL MASS FUNCTION IN THE LOCAL UNIVERSE. Astrophysical Journal, 2009, 695, 765-780.	4.5	218
117	The Murchison Widefield Array: Design Overview. Proceedings of the IEEE, 2009, 97, 1497-1506.	21.3	311
118	The accretion disc in the quasar SDSS J0924+0219. Monthly Notices of the Royal Astronomical Society, 2009, 398, 233-239.	4.4	60
119	NOIRCAT ï¿½ï¿½ï¿½ the Northern HIPASS Optical/IR Catalogue. Monthly Notices of the Royal Astronomical Society, 2009, 399, 2264-2278.	4.4	14
120	Tully-Fisher relations from an Hâ€ƒi-selected sample. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1712-1728.	4.4	49
121	A microlensing study of the accretion disc in the quasar MG 0414+0534^{â˜…}. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1955-1960.	4.4	74
122	The multiple quasar Q2237+0305 under a microlensing caustic. Astronomy and Astrophysics, 2008, 480, 327-334.	5.1	78
123	Near-Infrared Properties of NOIRCAT. Thirty Years of Astronomical Discovery With UKIRT, 2008, , 347-348.	0.3	0
124	Field Deployment of Prototype Antenna Tiles for the Mileura Widefield Array Low Frequency Demonstrator. Astronomical Journal, 2007, 133, 1505-1518.	4.7	45
125	Detection of Crab Giant Pulses Using the Mileura Widefield Array Low Frequency Demonstrator Field Prototype System. Astrophysical Journal, 2007, 665, 618-627.	4.5	24
126	The Weak Clustering of Gasâ€rich Galaxies. Astrophysical Journal, 2007, 654, 702-713.	4.5	45

#	Article	IF	Citations
127	The Survey for Ionization in Neutral Gas Galaxies. III. Diffuse, Warm Ionized Medium and Escape of Ionizing Radiation. Astrophysical Journal, 2007, 661, 801-814.	4.5	139
128	The Northern HIPASS Optical/IR Catalogue (NOIRCAT). Proceedings of the International Astronomical Union, 2007, 3, 391-392.	0.0	0
129	Smooth matter and source size in microlensing simulations of gravitationally lensed quasars. Monthly Notices of the Royal Astronomical Society, 2007, 381, 1591-1596.	4.4	21
130	The Survey for Ionization in Neutral Gas Galaxies. I. Description and Initial Results. Astrophysical Journal, Supplement Series, 2006, 165, 307-337.	7.7	170
131	The Survey for Ionization in Neutral Gas Galaxies. II. The Star Formation Rate Density of the Local Universe. Astrophysical Journal, 2006, 649, 150-162.	4.5	63
132	Multi-object spectroscopy of the field surrounding PKS 2126-158: discovery of a z= 0.66 galaxy group. Monthly Notices of the Royal Astronomical Society, 2006, 368, 341-350.	4.4	25
133	NGCâ€ƒ922 - a new drop-through ring galaxyâ˜…. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1607-1611.	4.4	23
134	The Northern HIPASS catalogue - data presentation, completeness and reliability measures. Monthly Notices of the Royal Astronomical Society, 2006, 371, 1855-1864.	4.4	147
135	LENSVIEW: software for modelling resolved gravitational lens images. Monthly Notices of the Royal Astronomical Society, 2006, 372, 1187-1207.	4.4	26
136	H1517+656: The Birth of a BL Lacertae Object?. Astrophysical Journal, 2005, 627, 125-133.	4.5	2
137	Division VIII: Galaxies and the Universe. Proceedings of the International Astronomical Union, 2005, 1, 279-279.	0.0	0
138	Commission 47: Cosmology. Proceedings of the International Astronomical Union, 2005, 1, 291-298.	0.0	0
139	On Star Formation and the Nonexistence of Dark Galaxies. Astrophysical Journal, 2005, 634, 1067-1084.	4.5	46
140	A microlensing measurement of the size of the broad emission-line region in the lensed quasar QSO 2237+0305. Monthly Notices of the Royal Astronomical Society, 2005, 359, 561-566.	4.4	43
141	The HIPASS catalogue â€" III. Optical counterparts and isolated dark galaxies. Monthly Notices of the Royal Astronomical Society, 2005, 361, 34-44.	4.4	172
142	The HIPASS catalogue: ÂH I and environmental effects on the H I mass function of galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 359, L30-L34.	3.3	341
143	Evolution of damped Lyman Â kinematics and the effect of spatial resolution on 21-cm measurements. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 364, L51-L55.	3.3	1
144	The Local Large-Scale Structure from HIPASS. Symposium - International Astronomical Union, 2005, 216, 196-202.	0.1	0

#	Article	IF	Citations
145	Gravitational Lensing by Elliptical Galaxies. Symposium - International Astronomical Union, 2005, 201, 490-491.	0.1	0
146	GRAVITATIONAL LENSING: COSMOLOGICAL MEASURES. , 2005, , .		0
147	Determining the Properties of Galaxy 2237+0305 using Gravitational Lensing. Symposium - International Astronomical Union, 2004, 220, 109-114.	0.1	0
148	Recycling of Ghost Galaxies: the Origin of giant HI Ring around NGC 1533. Symposium - International Astronomical Union, 2004, 217, 418-419.	0.1	1
149	Discovery of Intergalactic H II Regions. Symposium - International Astronomical Union, 2004, 217, 492-497.	0.1	2
150	Tully-Fisher Relations from an HI-Selected Sample. Symposium - International Astronomical Union, 2004, 220, 411-412.	0.1	0
151	The HIPASS catalogue - I. Data presentation. Monthly Notices of the Royal Astronomical Society, 2004, 350, 1195-1209.	4.4	467
152	The HIPASS catalogue - II. Completeness, reliability and parameter accuracy. Monthly Notices of the Royal Astronomical Society, 2004, 350, 1210-1219.	4.4	91
153	The 1000 Brightest HIPASS Galaxies: HiProperties. Astronomical Journal, 2004, 128, 16-46.	4.7	405
154	Intergalactic HiiRegions Discovered in SINGG. Astronomical Journal, 2004, 127, 1431-1440.	4.7	74
155	The HI Content of Compact Groups of Galaxies. Publications of the Astronomical Society of Australia, 2004, 21, 318-333.	3.4	14
156	Einstein Ring Constraints on the Shapes of Dark Matter Haloes. Proceedings of the International Astronomical Union, 2004, 2004, 237-242.	0.0	1
157	The column density distribution function at z = 0 from H I selected galaxies. Monthly Notices of the Royal Astronomical Society, 2003, 343, 1195-1206.	4.4	57
158	The Optical Emission from Gamma-Ray Quasars. Publications of the Astronomical Society of Australia, 2003, 20, 196-202.	3.4	5
159	The 1000 Brightest HIPASS Galaxies: The HiMass Function andHi. Astronomical Journal, 2003, 125, 2842-2858.	4.7	173
160	Galactic Recycling: The HI Ring Around NGC 1533. Astrophysics and Space Science Library, 2003, , 223-228.	2.7	14
161	The Hipass Catalogue. Astrophysics and Space Science Library, 2003, , 21-26.	2.7	0
162	Near Infrared Micro-variability of Radio-loud Quasars. Publications of the Astronomical Society of Australia, 2002, 19, 222-227.	3.4	3

#	Article	IF	Citations
163	The 1000 Brightest HIPASS Galaxies: Newly Cataloged Galaxies. Astronomical Journal, 2002, 124, 1954-1974.	4.7	27
164	A Catalog of H [CSC]i[/CSC]â€“selected Galaxies from the South Celestial Cap Region of Sky. Astronomical Journal, 2002, 124, 690-705.	4.7	37
165	Gravitational lensing by elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 2002, 319, 860-871.	4.4	6
166	The statistics of wide-separation lensed quasars. Monthly Notices of the Royal Astronomical Society, 2002, 319, 872-878.	4.4	25
167	Using galaxy redshift surveys to detect gravitationally lensed quasars. Monthly Notices of the Royal Astronomical Society, 2002, 319, 879-892.	4.4	11
168	Investigating cosmological weak lensing with the ray-bundle method. Monthly Notices of the Royal Astronomical Society, 2002, 331, 180-196.	4.4	7
169	Dissecting a galaxy: mass distribution of 2237+0305. Monthly Notices of the Royal Astronomical Society, 2002, 334, 621-630.	4.4	50
170	The large-scale distribution of neutral hydrogen in the Fornax region. Monthly Notices of the Royal Astronomical Society, 2002, 337, 641-656.	4.4	35
171	HIPASS High-Velocity Clouds: Properties of the Compact and Extended Populations. Astronomical Journal, 2002, 123, 873-891.	4.7	163
172	Black Hole Mass Estimates of Radioâ€selected Quasars. Astrophysical Journal, 2002, 576, 81-88.	4.5	66
173	HIPASS Detection of an Intergalactic Gas Cloud in the NGC 2442 Group. Astrophysical Journal, 2001, 555, 232-239.	4.5	52
174	The Spectra of Red Quasars. Publications of the Astronomical Society of Australia, 2001, 18, 221-231.	3.4	18
175	The Evolution of Radio Galaxies at Intermediate Redshift. Astronomical Journal, 2001, 121, 2381-2391.	4.7	24
176	A Very Radio Loud Narrowâ€Line Seyfert 1: PKS 2004â^'447. Astrophysical Journal, 2001, 558, 578-582.	4.5	72
177	Using the 2 degree Field galaxy redshift survey to detect gravitationally lensed quasars. Monthly Notices of the Royal Astronomical Society, 2001, 321, 629-641.	4.4	8
178	The H I Parkes All Sky Survey: southern observations, calibration and robust imaging. Monthly Notices of the Royal Astronomical Society, 2001, 322, 486-498.	4.4	486
179	A study of neutral hydrogen in five small galaxy groups. Monthly Notices of the Royal Astronomical Society, 2001, 324, 859-876.	4.4	20
180	Red synchrotron jets in Parkes quasars. Monthly Notices of the Royal Astronomical Society, 2001, 323, 718-732.	4.4	42

#	Article	IF	Citations
181	The Clustering of AGN[CLC]s[/CLC] and Galaxies at Intermediate Redshift. Astronomical Journal, 2001, 122, 26-37.	4.7	15
182	The Optical/Near-IR Colours of Red Quasars. Publications of the Astronomical Society of Australia, 2000, 17, 56-71.	3.4	59
183	The distribution of microlensed light-curve derivatives: the relationship between stellar proper motions and transverse velocity. Monthly Notices of the Royal Astronomical Society, 2000, 312, 843-852.	4.4	28
184	Limits on the microlens mass function of Q2237+0305. Monthly Notices of the Royal Astronomical Society, 2000, 315, 51-61.	4.4	43
185	A gravitational microlensing determination of continuum source size in Q2237+0305. Monthly Notices of the Royal Astronomical Society, 2000, 315, 62-68.	4.4	50
186	The rate of caustic crossing microlensing events for Q2237+0305. Monthly Notices of the Royal Astronomical Society, 2000, 315, 337-344.	4.4	7
187	The clustering of colour-selected galaxies. Monthly Notices of the Royal Astronomical Society, 2000, 317, 782-794.	4.4	54
188	Predicting caustic-crossing high-magnification events in Q2237+0305. Monthly Notices of the Royal Astronomical Society, 2000, 318, 1105-1119.	4.4	8
189	Interpretation of the OGLE Q2237+0305 microlensing light curve (1997-1999). Monthly Notices of the Royal Astronomical Society, 2000, 318, 1120-1130.	4.4	16
190	A small source in Q2237+0305?. Monthly Notices of the Royal Astronomical Society, 2000, 318, 762-768.	4.4	45
191	An Extragalactic H [CSC]i[/CSC] Cloud with No Optical Counterpart?. Astronomical Journal, 2000, 120, 1342-1350.	4.7	41
192	Investigating the geometry of quasars with microlensing. Monthly Notices of the Royal Astronomical Society, 1999, 302, 68-74.	4.4	32
193	Cosmological obscuration by galactic dust: effects of dust evolution. Monthly Notices of the Royal Astronomical Society, 1999, 305, 937-945.	4.4	4
194	Application of the contouring method to extended microlensed sources. Monthly Notices of the Royal Astronomical Society, 1999, 306, 223-231.	4.4	20
195	The ray-bundle method for calculating weak magnification by gravitational lenses. Monthly Notices of the Royal Astronomical Society, 1999, 306, 567-574.	4.4	21
196	A measurement of the transverse velocity of Q2237+0305. Monthly Notices of the Royal Astronomical Society, 1999, 309, 261-272.	4.4	46
197	Binary quasars. Monthly Notices of the Royal Astronomical Society, 1999, 309, 836-846.	4.4	74
198	Imaging H I in the lensing galaxy 2237+0305. Monthly Notices of the Royal Astronomical Society, 1999, 309, 641-650.	4.4	12

#	Article	IF	Citations
199	Red Parkes Quasars: Evidence for Soft Xâ€Ray Absorption. Astrophysical Journal, 1999, 510, 703-709.	4.5	9
200	TheHubble Space TelescopeSurvey of BL Lacertae Objects: Gravitational Lens Candidates and Other Unusual Sources. Astrophysical Journal, 1999, 521, 134-144.	4.5	38
201	H<scp>I</scp> Mass Function from HIPASS. Publications of the Astronomical Society of Australia, 1999, 16, 8-11.	3.4	25
202	New Galaxies Discovered in the First Blind HiSurvey of the Centaurus A Group. Astrophysical Journal, 1999, 524, 612-622.	4.5	71
203	Gravitational Lensing in the 2dF Galaxy Redshift Survey. Globular Clusters - Guides To Galaxies, 1999, , 68-69.	0.1	0
204	Tidal disruption of the Magellanic Clouds by the Milky Way. Nature, 1998, 394, 752-754.	27.8	216
205	Weighing a galaxy bar in the lens Q2237 + 0305. Monthly Notices of the Royal Astronomical Society, 1998, 295, 488-496.	4.4	76
206	X-ray properties of the Parkes sample of flat-spectrum radio sources: dust in radio-loud quasars?. Monthly Notices of the Royal Astronomical Society, 1998, 301, 261-279.	4.4	35
207	Host galaxy contribution to the colours of 'red' quasars. Monthly Notices of the Royal Astronomical Society, 1998, 301, 975-984.	4.4	12
208	A Search for Bright Kuiper Belt Objects. Publications of the Astronomical Society of Australia, 1998, 15, 176-178.	3.4	3
209	A Search for Distant Satellites of Neptune. Publications of the Astronomical Society of Australia, 1998, 15, 325-327.	3.4	6
210	An H I survey for protogalaxies in the Centaurus and Fornax galaxy clusters. Monthly Notices of the Royal Astronomical Society, 1997, 288, 307-318.	4.4	14
211	The Parkes half-jansky flat-spectrum sample. Monthly Notices of the Royal Astronomical Society, 1997, 284, 85-125.	4.4	141
212	Occultations by Kuiper belt objects. Monthly Notices of the Royal Astronomical Society, 1997, 289, 783-786.	4.4	26
213	The Spectra of Dusty Quasars. International Astronomical Union Colloquium, 1997, 159, 130-133.	0.1	1
214	Spectral Properties of Parkes Flat-Spectrum Radio Sources. International Astronomical Union Colloquium, 1997, 159, 437-438.	0.1	0
215	â€œRed Blazarsâ€• Evidence Against A Synchrotron Origin. International Astronomical Union Colloquium, 1997, 163, 764-765.	0.1	0
216	Dust and the Search for High Redshift Quasars. Globular Clusters - Guides To Galaxies, 1997, , 341-348.	0.1	0

#	Article	IF	Citations
217	Wide Separation Lenses. Symposium - International Astronomical Union, 1996, 173, 71-72.	0.1	0
218	The Parkes Lens Survey. Symposium - International Astronomical Union, 1996, 173, 393-398.	0.1	0
219	Radio Continuum Maps of Southern Barred Spiral Galaxies. International Astronomical Union Colloquium, 1996, 157, 239-241.	0.1	0
220	The Parkes 21 cm Multibeam Receiver. Publications of the Astronomical Society of Australia, 1996, 13, 243-248.	3.4	365
221	Preliminary Radio Continuum Maps of Three Spiral Galaxies. Publications of the Astronomical Society of Australia, 1996, 13, 107-120.	3.4	2
222	Dust-reddened Quasars. Publications of the Astronomical Society of Australia, 1996, 13, 183-184.	3.4	2
223	Wide Separation Lenses. , 1996, , 71-72.		2
224	The Parkes Lens Survey. , 1996, , 393-398.		1
225	Dust Obscuration in the Universe. Publications of the Astronomical Society of Australia, 1995, 12, 146-152.	3.4	4
226	Evidence for a large undetected population of dust-reddened quasars. Nature, 1995, 375, 469-471.	27.8	208
227	Quasar - galaxy associations. Monthly Notices of the Royal Astronomical Society, 1995, 273, 1069-1090.	4.4	11
228	The Sizes of MgII Absorption Systems. Globular Clusters - Guides To Galaxies, 1995, , 165-168.	0.1	0
229	A Photographic Search for Satellites of Neptune. Icarus, 1994, 107, 304-310.	2.5	3
230	The close-separation gravitational lens candidate Q1009-0252. Astronomical Journal, 1994, 108, 1534.	4.7	29
231	Imaging with a Gravitational Lens. , 1994, , 451-456.		0
232	A Photographic Search for Satellites of Uranus. Icarus, 1993, 102, 298-306.	2.5	4
233	Are Gamma-Ray Bursts At Cosmological Distances?. Publications of the Astronomical Society of Australia, 1993, 10, 271-274.	3.4	0
234	On the nature of MG II absorption line systems in quasars. Astronomical Journal, 1993, 106, 848.	4.7	7

#	Article	IF	Citations
235	Associations between Galaxies and Bright Quasars. Publications of the Astronomical Society of Australia, 1992, 10, 8-11.	3.4	4
236	The central velocity dispersion of the lensing galaxy in the quadruple lens system Q2237 + 0305. Astrophysical Journal, 1992, 386, L43.	4.5	29
237	Using gamma-ray bursts to detect a cosmological density of compact objects. Astrophysical Journal, 1992, 391, L63.	4.5	28
238	Initial light curve of Q2237 + 0305. Astronomical Journal, 1991, 102, 34.	4.7	96
239	Interpreting the light curve of Q2237 + 0305. Astronomical Journal, 1991, 102, 1939.	4.7	27
240	Gravitational lensing and evolution in quasar absorption systems. Astrophysical Journal, 1990, 349, 437.	4.5	11
241	Quasar-galaxy associations. , 1990, , 73-82.		0
242	Quasar lensing by galaxies?. Nature, 1989, 339, 106-106.	27.8	0
243	Photometric variations in the Q2237 + 0305 system - First detection of a microlensing event. Astronomical Journal, 1989, 98, 1989.	4.7	220
244	A new wide-separation gravitational lens candidate. Astrophysical Journal, 1989, 346, L61.	4.5	30
245	Detection of statistical gravitational lensing by foreground mass distributions. Nature, 1988, 336, 358-359.	27.8	63
246	Gravitational Lensing and Cosmic Strings. Symposium - International Astronomical Union, 1988, 130, 600-600.	0.1	0
247	Substructure in Rich Clusters. Symposium - International Astronomical Union, 1988, 130, 537-537.	0.1	0
248	An automated survey for gravitational lenses. Astronomical Journal, 1988, 95, 19.	4.7	17
249	Cosmology: Views with a gravitational lens. Nature, 1986, 324, 617-618.	27.8	1
250	Is there evidence for universal rotation?. Nature, 1983, 301, 735-736.	27.8	19
251	The Murchison Widefield Array Transients Survey (MWATS). A search for low frequency variability in a bright Southern hemisphere sample. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	9
252	Determining Quasar Orientation. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	7