Naomi M Mcclure-Griffiths

List of Publications by Year
in descending order

172 papers	9,432 citations	41344 49 h-index	45317 90 g-index
178 all docs	178 docs citations	178 times ranked	6287 citing authors

#	Article	IF	Citations
1	HI4PI: a full-sky Hâ€‰i survey based on EBHIS and GASS. Astronomy and Astrophysics, 2016, 594, A116.	5.1	813
2	Science with ASKAP. Experimental Astronomy, 2008, 22, 151-273.	3.7	332
3	The VLA Galactic Plane Survey. Astronomical Journal, 2006, 132, 1158-1176.	4.7	315
4	A single fast radio burst localized to a massive galaxy at cosmological distance. Science, 2019, 365, 565-570.	12.6	295
5	The Southern Galactic Plane Survey: H i Observations and Analysis. Astrophysical Journal, Supplement Series, 2005, 158, 178-187.	7.7	289
6	GASS: THE PARKES GALACTIC ALL-SKY SURVEY. I. SURVEY DESCRIPTION, GOALS, AND INITIAL DATA RELEASE. Astrophysical Journal, Supplement Series, 2009, 181, 398-412.	7.7	254
7	Science with the Australian Square Kilometre Array Pathfinder. Publications of the Astronomical Society of Australia, 2007, 24, 174-188.	3.4	231
8	The 6-GHz methanol multibeam maser catalogue - I. Galactic Centre region, longitudes 345Â° to 6Â°. Monthly Notices of the Royal Astronomical Society, 0, 404, 1029-1060.	4.4	219
9	An improved map of the Galactic Faraday sky. Astronomy and Astrophysics, 2012, 542, A93.	5.1	208
10	Rotation Measures of Extragalactic Sources behind the Southern Galactic Plane: New Insights into the Largeâ€Scale Magnetic Field of the Inner Milky Way. Astrophysical Journal, 2007, 663, 258-266.	4.5	184
11	The Outer Scale of Turbulence in the Magnetoionized Galactic Interstellar Medium. Astrophysical Journal, 2008, 680, 362-370.	4.5	172
12	The Magnetic Field of the Large Magellanic Cloud Revealed Through Faraday Rotation. Science, 2005, 307, 1610-1612.	12.6	158
13	GASS: the Parkes Galactic all-sky survey. Astronomy and Astrophysics, 2010, 521, A17.	5.1	150
14	The 6-GHz multibeam maser survey - I. Techniques. Monthly Notices of the Royal Astronomical Society, 2009, 392, 783-794.	4.4	141
15	Complex Faraday depth structure of active galactic nuclei as revealed by broad-band radio polarimetry. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3300-3315.	4.4	140
16	MODELING THE MAGNETIC FIELD IN THE GALACTIC DISK USING NEW ROTATION MEASURE OBSERVATIONS FROM THE VERY LARGE ARRAY. Astrophysical Journal, 2011, 728, 97.	4.5	137
17	The Detection of an Extremely Bright Fast Radio Burst in a Phased Array Feed Survey. Astrophysical Journal Letters, 2017, 841, L12.	8.3	133
18	Radio Polarization from the Inner Galaxy at Arcminute Resolution. Astrophysical Journal, 2001, 549, 959-978.	4.5	132

#	Article	IF	Citations
19	Low-Mach-number turbulence in interstellar gas revealed by radio polarization gradients. Nature, 2011, 478, 214-217.	27.8	130
20	Australian square kilometre array pathfinder: I. system description. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	128
21	A SURVEY OF EXTRAGALACTIC FARADAY ROTATION AT HIGH GALACTIC LATITUDE: THE VERTICAL MAGNETIC FIELD OF THE MILKY WAY TOWARD THE GALACTIC POLES. Astrophysical Journal, 2010, 714, 1170-1186.	4.5	127
22	A Stellar Wind Bubble Coincident with the Anomalous X-Ray Pulsar 1E 1048.1-5937: Are Magnetars Formed from Massive Progenitors?. Astrophysical Journal, 2005, 620, L95-L98.	4.5	124
23	A DETAILED STUDY OF THE MOLECULAR AND ATOMIC GAS TOWARD THE Î³-RAY SUPERNOVA REMNANT RX J1713.7â€“3946: SPATIAL TeV Î³-RAY AND INTERSTELLAR MEDIUM GAS CORRESPONDENCE. Astrophysical Journal, 2012, 746, 82.	4.5	124
24	The HI/OH/Recombination line survey of the inner Milky Way (THOR). Astronomy and Astrophysics, 2016, 595, A32.	5.1	118
25	Distances to southern 6.7-GHz methanol masers through Hâ€ƒi self-absorption. Monthly Notices of the Royal Astronomical Society, 2011, 417, 2500-2553.	4.4	109
26	The Southern Galactic Plane Survey: Polarized Radio Continuum Observations and Analysis. Astrophysical Journal, Supplement Series, 2006, 167, 230-238.	7.7	106
27	Southern Galactic Plane Survey Measurements of the Spatial Power Spectrum of Interstellar Hiin the Inner Galaxy. Astrophysical Journal, 2001, 561, 264-271.	4.5	100
28	Milky Way Kinematics. I. Measurements at the Subcentral Point of the Fourth Quadrant. Astrophysical Journal, 2007, 671, 427-438.	4.5	99
29	The Galactic Distribution of Large HiShells. Astrophysical Journal, 2002, 578, 176-193.	4.5	91
30	The Australian Square Kilometre Array Pathfinder: System Architecture and Specifications of the Boolardy Engineering Test Array. Publications of the Astronomical Society of Australia, 2014, 31, .	3.4	91
31	The Australian Square Kilometre Array Pathfinder: Performance of the Boolardy Engineering Test Array. Publications of the Astronomical Society of Australia, 2016, 33, .	3.4	75
32	Magnetically Dominated Strands of Cold Hydrogen in the Riegelâ€Crutcher Cloud. Astrophysical Journal, 2006, 652, 1339-1347.	4.5	74
33	Enhanced Small-Scale Faraday Rotation in the Galactic Spiral Arms. Astrophysical Journal, 2006, 637, L33-L35.	4.5	74
34	Fitting Together the HiAbsorption and Emission in the Southern Galactic Plane Survey. Astrophysical Journal, 2003, 585, 801-822.	4.5	74
35	A Radio and Optical Polarization Study of the Magnetic Field in the Small Magellanic Cloud. Astrophysical Journal, 2008, 688, 1029-1049.	4.5	71
36	THE OUTER DISK OF THE MILKY WAY SEEN IN Î»21 cm ABSORPTION. Astrophysical Journal, 2009, 693, 1250-1260.	4.5	67

#	Article	IF	Citations
37	GASKAPâ€”The Galactic ASKAP Survey. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	63
38	Discovery of Hâ€‰i gas in a young radio galaxy at z = 0.44 using the Australian Square Kilometre Array Pathfinder. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1249-1267.	4.4	61
39	Discovery of a Radio Supernova Remnant and Nonthermal X-Rays Coincident with the TeV Source HESS J1813-178. Astrophysical Journal, 2005, 629, L105-L108.	4.5	59
40	MAJOR STRUCTURES OF THE INNER GALAXY DELINEATED BY 6.7 GHz METHANOL MASERS. Astrophysical Journal, 2011, 733, 27.	4.5	57
41	MAGNETIC FIELD STRUCTURE OF THE LARGE MAGELLANIC CLOUD FROM FARADAY ROTATION MEASURES OF DIFFUSE POLARIZED EMISSION. Astrophysical Journal, 2012, 759, 25.	4.5	57
42	Magnetic Fields and Ionized Gas in the Inner Galaxy: An Outer Scale for Turbulence and the Possible Role of HiiRegions. Astrophysical Journal, 2004, 609, 776-784.	4.5	56
43	SUPERGIANT SHELLS AND MOLECULAR CLOUD FORMATION IN THE LARGE MAGELLANIC CLOUD. Astrophysical Journal, 2013, 763, 56.	4.5	54
44	ASKAP Hâ€‰i imaging of the galaxy group IC 1459. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2680-2691.	4.4	54
45	Blowing in the Milky Way Wind: Neutral Hydrogen Clouds Tracing the Galactic Nuclear Outflow. Astrophysical Journal, 2018, 855, 33.	4.5	54
46	A Distant Extended Spiral Arm in the Fourth Quadrant of the Milky Way. Astrophysical Journal, 2004, 607, L127-L130.	4.5	53
47	The life cycle of the Central Molecular Zone â€“ I. Inflow, star formation, and winds. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4401-4418.	4.4	52
48	The HI/OH/Recombination line survey of the inner Milky Way (THOR): data release 2 and Hâ€I overview. Astronomy and Astrophysics, 2020, 634, A83.	5.1	52
49	ATOMIC HYDROGEN IN A GALACTIC CENTER OUTFLOW. Astrophysical Journal Letters, 2013, 770, L4.	8.3	51
50	THOR: The Hâ€‰i, OH, Recombination line survey of the Milky Way. Astronomy and Astrophysics, 2015, 580, A112.	5.1	51
51	THERMAL PLASMA IN THE GIANT LOBES OF THE RADIO GALAXY CENTAURUS A. Astrophysical Journal, 2013, 764, 162.	4.5	50
52	Multibeam maser survey of methanol and excited OH in the Magellanic Clouds: new detections and maser abundance estimates. Monthly Notices of the Royal Astronomical Society, 2008, 385, 948-956.	4.4	49
53	NEW CONSTRAINTS ON THE GALACTIC HALO MAGNETIC FIELD USING ROTATION MEASURES OF EXTRAGALACTIC SOURCES TOWARD THE OUTER GALAXY. Astrophysical Journal, 2012, 755, 21.	4.5	49
54	Dustâ€“Gas Scaling Relations and OH Abundance in the Galactic ISM. Astrophysical Journal, 2018, 862, 49.	4.5	49

#	Article	IF	Citations
55	ANTISYMMETRY IN THE FARADAY ROTATION SKY CAUSED BY A NEARBY MAGNETIZED BUBBLE. Astrophysical Journal Letters, 2010, 724, L48-L52.	8.3	48
56	Linked Evolution of Gas and Star Formation in Galaxies Over Cosmic History. Astrophysical Journal, 2008, 682, L13-L16.	4.5	47
57	THE RADIO CONTINUUM STRUCTURE OF CENTAURUS A AT 1.4 GHz. Astrophysical Journal, 2011, 740, 17.	4.5	46
58	Supernova remnant G292.2-0.5, its pulsar, and the Galactic magnetic field. Monthly Notices of the Royal Astronomical Society, 2004, 352, 1405-1412.	4.4	45
59	Constraints on the Distance to SGR 1806-20 from H i Absorption. Astrophysical Journal, 2005, 630, L161-L163.	4.5	45
60	MAGMO: coherent magnetic fields in the star-forming regions of the Carina-Sagittarius spiral arm tangent. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2530-2547.	4.4	43
61	Loops, Drips, and Walls in the Galactic Chimney GSH 277+00+36. Astrophysical Journal, 2003, 594, 833-843.	4.5	42
62	Evidence for Chimney Breakout in the Galactic Supershell GSH 242â^'03+37. Astrophysical Journal, 2006, 638, 196-205.	4.5	42
63	Tracking the Outer Spiral Arms of the Galaxy in H<scp>i</scp>Absorption. Astronomical Journal, 2007, 134, 2252-2271.	4.7	42
64	SPLASH: the Southern Parkes Large-Area Survey in Hydroxyl â€“ first science from the pilot region. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1596-1614.	4.4	42
65	FARADAY TOMOGRAPHY OF THE NORTH POLAR SPUR: CONSTRAINTS ON THE DISTANCE TO THE SPUR AND ON THE MAGNETIC FIELD OF THE GALAXY. Astrophysical Journal, 2015, 811, 40.	4.5	42
66	Where is OH and Does It Trace the Dark Molecular Gas (DMG)?. Astrophysical Journal, Supplement Series, 2018, 235, 1.	7.7	42
67	An Interaction of a Magellanic Leading Arm High-Velocity Cloud with the Milky Way Disk. Astrophysical Journal, 2008, 673, L143-L146.	4.5	41
68	MEASUREMENT OF A MAGNETIC FIELD IN A LEADING ARM HIGH-VELOCITY CLOUD. Astrophysical Journal, 2010, 725, 275-281.	4.5	41
69	The 6-GHz multibeam maser survey â€“ II. Statistical analysis and Galactic distribution of 6668-MHz methanol masers. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1383-1402.	4.4	41
70	Continuum sources from the THOR survey between 1 and 2â€‰GHz. Astronomy and Astrophysics, 2016, 588, A97.	5.1	41
71	SUPERSHELLS AS MOLECULAR CLOUD FACTORIES: PARSEC RESOLUTION OBSERVATIONS OF H I AND¹²CO(J= 1-0) IN GSH 287+04â€“17 AND GSH 277+00+36. Astrophysical Journal, 2011, 728, 127.	4.5	40
72	The (Re-)Discovery of G350.1-0.3: A Young, Luminous Supernova Remnant and Its Neutron Star. Astrophysical Journal, 2008, 680, L37-L40.	4.5	38

#	Article	IF	Citations
73	â€œMissing Linkâ€•Clouds in the Southern Galactic Plane Survey. Astrophysical Journal, 2005, 626, 887-899.	4.5	37
74	THE AUSTRALIA TELESCOPE COMPACT ARRAY H I SURVEY OF THE GALACTIC CENTER. Astrophysical Journal, Supplement Series, 2012, 199, 12.	7.7	37
75	The Complex Neutral Gas Dynamics of the Dwarf Starburst Galaxy NGC 625. Astrophysical Journal, 2004, 607, 274-284.	4.5	37
76	MILKY WAY DISK-HALO TRANSITION IN H I: PROPERTIES OF THE CLOUD POPULATION. Astrophysical Journal, 2010, 722, 367-379.	4.5	36
77	On the dynamics of the Small Magellanic Cloud through high-resolution ASKAP Hâ€‰<scp>i</scp>observations. Monthly Notices of the Royal Astronomical Society, 2019, 483, 392-406.	4.4	36
78	Cold gas outflows from the Small Magellanic Cloud traced with ASKAP. Nature Astronomy, 2018, 2, 901-906.	10.1	34
79	Cold gas in the Milky Wayâ€™s nuclear wind. Nature, 2020, 584, 364-367.	27.8	33
80	Two Large H [CSC]i[/CSC] Shells in the Outer Galaxy near [ITAL][CLC]l[/CLC][/ITAL]â€‰=â€‰279Â°. Astronomical Journal, 2000, 119, 2828-2842.	4.7	33
81	MAGNETIZED GAS IN THE SMITH HIGH VELOCITY CLOUD. Astrophysical Journal, 2013, 777, 55.	4.5	32
82	Radio continuum emission in the northern Galactic plane: Sources and spectral indices from the THOR survey. Astronomy and Astrophysics, 2018, 619, A124.	5.1	32
83	H<scp>i</scp>Clouds in the Lower Halo. I. The Galactic Allâ€Sky Survey Pilot Region. Astrophysical Journal, 2008, 688, 290-305.	4.5	31
84	A Detailed Study of the Interstellar Protons toward the TeV Î³-Ray SNR RX J0852.0â€“4622 (G266.2â€“1.2, Vela) Tj ETQq0 0 0 rgBT /Ove	4.5	31
85	Histogram of oriented gradients: a technique for the study of molecular cloud formation. Astronomy and Astrophysics, 2019, 622, A166.	5.1	30
86	The history of dynamics and stellar feedback revealed by the Hâ€I filamentary structure in the disk of the Milky Way. Astronomy and Astrophysics, 2020, 642, A163.	5.1	29
87	The Galactic Magneto-ionic Medium Survey: Moments of the Faraday Spectra. Astrophysical Journal, 2019, 871, 106.	4.5	28
88	THE MAGELLANIC STREAM AND DEBRIS CLOUDS. Astrophysical Journal, 2014, 792, 43.	4.5	27
89	TRACING THE MILKY WAY NUCLEAR WIND WITH 21 cm ATOMIC HYDROGEN EMISSION. Astrophysical Journal, 2016, 826, 215.	4.5	27
90	Cloud formation in the atomic and molecular phase: Hâ€I self absorption (HISA) towards a giant molecular filament. Astronomy and Astrophysics, 2020, 634, A139.	5.1	27

#	Article	IF	Citations
91	Polarization Angular Spectra of Galactic Synchrotron Emission on Arcminute Scales. Astrophysical Journal, 2002, 579, 607-615.	4.5	27
92	A Neutral Hydrogen Selfâ€Absorption Cloud in the Southern Galactic Plane Survey. Astrophysical Journal, 2003, 598, 1048-1060.	4.5	26
93	Compact HiClouds at High Forbidden Velocities in the Inner Galaxy. Astrophysical Journal, 2006, 637, 366-379.	4.5	26
94	HIGH-MASS STAR FORMATION IN THE NEAR AND FAR 3 kpc ARMS. Astrophysical Journal, 2009, 696, L156-L158.	4.5	26
95	Wide-field broad-band radio imaging with phased array feeds: a pilot multi-epoch continuum survey with ASKAP-BETA. Monthly Notices of the Royal Astronomical Society, 2016, 457, 4160-4178.	4.4	26
96	RADIO SYNCHROTRON FLUCTUATION STATISTICS AS A PROBE OF MAGNETIZED INTERSTELLAR TURBULENCE. Astrophysical Journal, 2016, 822, 13.	4.5	25
97	Magnetized High Velocity Clouds in the Galactic Halo: A New Distance Constraint. Astrophysical Journal, 2017, 845, 69.	4.5	25
98	The â€˜Carina Flareâ€™ supershell: probing the atomic and molecular ISM in a Galactic chimney. Monthly Notices of the Royal Astronomical Society, 2008, 387, 31-44.	4.4	24
99	Broad-band radio circular polarization spectrum of the relativistic jet in PKS B2126-158. Monthly Notices of the Royal Astronomical Society, 2013, 435, 311-319.	4.4	24
100	Strong Excess Faraday Rotation on the Inside of the Sagittarius Spiral Arm. Astrophysical Journal Letters, 2019, 887, L7.	8.3	24
101	A pilot ASKAP survey of radio transient events in the region around the intermittent pulsar PSR J1107â˜5907. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3948-3960.	4.4	23
102	HiShells behind the Coalsack. Astrophysical Journal, 2001, 562, 424-432.	4.5	23
103	GALACTIC ALL-SKY SURVEY HIGH-VELOCITY CLOUDS IN THE REGION OF THE MAGELLANIC LEADING ARM. Astrophysical Journal, 2013, 764, 74.	4.5	22
104	Detection of a Coherent Magnetic Field in the Magellanic Bridge through Faraday Rotation. Monthly Notices of the Royal Astronomical Society, 0, , stx206.	4.4	21
105	Observation of Acceleration of H i Clouds within the Fermi Bubbles. Astrophysical Journal, 2020, 888, 51.	4.5	21
106	Constraining the Magnetic Field of the Smith High-velocity Cloud Using Faraday Rotation. Astrophysical Journal, 2019, 871, 215.	4.5	20
107	Feedback in W49A diagnosed with radio recombination lines and models. Astronomy and Astrophysics, 2019, 622, A48.	5.1	20
108	MOLECULAR CLOUDS IN SUPERSHELLS: A CASE STUDY OF THREE OBJECTS IN THE WALLS OF GSH 287+04-17 AND GSH 277+00+36. Astrophysical Journal, 2011, 741, 85.	4.5	18

#	Article	IF	Citations
109	Structured star formation in the Magellanic inter-Cloud region. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2975-2989.	4.4	18
110	Calibrating the HISA temperature: Measuring the temperature of the Riegelâ€“Crutcher cloud. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1465-1490.	4.4	18
111	The Fan Region at 1.5 GHz â€“ I. Polarized synchrotron emission extending beyond the Perseus Arm. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4631-4646.	4.4	17
112	Through thick or thin: multiple components of the magneto-ionic medium towards the nearby Hâ€‰ii region Sharpless 2â€“27 revealed by Faraday tomography. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4751-4767.	4.4	17
113	The Global Magneto-Ionic Medium Survey: Polarimetry of the Southern Sky from 300 to 480 MHz. Astronomical Journal, 2019, 158, 44.	4.7	17
114	Mapping Spatial Variations of H i Turbulent Properties in the Small and Large Magellanic Cloud. Astrophysical Journal, 2019, 887, 111.	4.5	17
115	HIGH-VELOCITY CLOUDS IN THE GALACTIC ALL SKY SURVEY. I. CATALOG. Astrophysical Journal, Supplement Series, 2013, 209, 12.	7.7	16
116	A survey for hydroxyl in the THOR pilot region around W43. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3494-3510.	4.4	16
117	H I ABSORPTION TOWARD H II REGIONS AT SMALL GALACTIC LONGITUDES. Astrophysical Journal, 2013, 774, 117.	4.5	15
118	Advanced Diagnostics for the Study of Linearly Polarized Emission. I. Derivation. Astrophysical Journal, 2018, 853, 9.	4.5	15
119	GASKAP-HI pilot survey science I: ASKAP zoom observations of <scp>Hi</scp> emission in the Small Magellanic Cloud. Publications of the Astronomical Society of Australia, 2022, 39, .	3.4	15
120	The Galactic dynamics revealed by the filamentary structure in atomic hydrogen emission. Astronomy and Astrophysics, 2022, 662, A96.	5.1	15
121	Excited-state hydroxyl maser polarimetry: who ate all the Ï€s?. Monthly Notices of the Royal Astronomical Society, 2015, 451, 74-92.	4.4	14
122	OH Survey along Sightlines of Galactic Observations of Terahertz C+. Astrophysical Journal, 2017, 839, 8.	4.5	14
123	Advanced Diagnostics for the Study of Linearly Polarized Emission. II. Application to Diffuse Interstellar Radio Synchrotron Emission. Astrophysical Journal, 2018, 855, 29.	4.5	14
124	Discovery of Shocked Molecular Clouds Associated with the Shell-type Supernova Remnant RX J0046.5â^'7308 in the Small Magellanic Cloud. Astrophysical Journal, 2019, 881, 85.	4.5	14
125	The Southern H iiÂRegion Discovery Survey. I. The Bright Catalog. Astrophysical Journal, Supplement Series, 2019, 240, 24.	7.7	14
126	Hâ€‰I bubbles surrounding southern optical ring nebulae: Anonâ€‰(WRâ€‰23) and RCWâ€‰52. Astronomy and Astrophysics, 2005, 436, 155-163.	5.1	14

#	Article	IF	Citations
127	The 3D Kinematics of Gas in the Small Magellanic Cloud. Astrophysical Journal, 2019, 887, 267.	4.5	14
128	A COMPLETE ATLAS OF H I ABSORPTION TOWARD H II REGIONS IN THE SOUTHERN GALACTIC PLANE SURVEY (SGPS I). Astrophysical Journal, Supplement Series, 2014, 211, 29.	7.7	13
129	Probes of turbulent driving mechanisms in molecular clouds from fluctuations in synchrotron intensity. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2272-2283.	4.4	13
130	Galactic synchrotron distribution derived from 152 Hâ€‰ii region absorption features in the full GLEAM survey. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4041-4055.	4.4	13
131	Discovery of a pulsar-powered bow shock nebula in the Small Magellanic Cloud supernova remnant DEMâ€‰S5. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2507-2524.	4.4	13
132	Molecular Gas in the Outflow of the Small Magellanic Cloud. Astrophysical Journal Letters, 2019, 885, L32.	8.3	13
133	Early Science from POSSUM: Shocks, turbulence, and a massive new reservoir of ionised gas in the Fornax cluster. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	13
134	Variability monitoring of the hydroxyl maser emission in G12.889+0.489. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1504-1510.	4.4	12
135	Galactic synchrotron emissivity measurements between 250Â° <i>l</i>< 355Â° from the GLEAM survey with the MWA. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3163-3174.	4.4	12
136	An ATCA Survey of H i Absorption in the Magellanic Clouds. I. H i Gas Temperature Measurements in the Small Magellanic Cloud. Astrophysical Journal, Supplement Series, 2019, 244, 7.	7.7	12
137	MILKY WAY KINEMATICS. II. A UNIFORM INNER GALAXY H i TERMINAL VELOCITY CURVE. Astrophysical Journal, 2016, 831, 124.	4.5	11
138	Polarized diffuse emission at 2.3 GHz in a high Galactic latitude area. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 360, L10-L14.	3.3	10
139	Comment on â€œCalorimetric Dark Matter Detection with Galactic Center Gas Cloudsâ€• Physical Review Letters, 2020, 124, 029001.	7.8	10
140	The Parkes Galactic Meridian Survey: observations and CMB polarization foreground analysis. Monthly Notices of the Royal Astronomical Society, 0, , no-no.	4.4	9
141	GSH 006â^'15+7: a local Galactic supershell featuring transition from Hâ€fi emission to absorption. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3159-3169.	4.4	9
142	Heightened Faraday complexity in the inner 1â€‰kpc of the galactic centre. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3814-3828.	4.4	9
143	The Global Magneto-ionic Medium Survey: A Faraday Depth Survey of the Northern Sky Covering 1280â€“1750 MHz. Astronomical Journal, 2021, 162, 35.	4.7	9
144	The MACH Hi Absorption Survey. I. Physical Conditions of Cold Atomic Gas outside of the Galactic Plane. Astrophysical Journal, Supplement Series, 2021, 256, 37.	7.7	9

#	Article	IF	Citations
145	H I Emission and Absorption in the Southern Galactic Plane Survey. Publications of the Astronomical Society of Australia, 2001, 18, 84-90.	3.4	8
146	FIRST DETECTION OF HCO⁺ABSORPTION IN THE MAGELLANIC SYSTEM. Astrophysical Journal, 2015, 808, 41.	4.5	8
147	The distance and properties of hydrogen clouds in the Leading Arm of the Magellanic System. Monthly Notices of the Royal Astronomical Society, 2016, 461, 892-907.	4.4	8
148	Revealing the Faraday depth structure of radio galaxy NGCâ€‰612 with broad-band radio polarimetric observations. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1596-1613.	4.4	8
149	MAGMO: polarimetry of 1720-MHz OH masers towards southern star-forming regions. Monthly Notices of the Royal Astronomical Society, 2020, 493, 199-233.	4.4	8
150	A quantum mechanical approach to establishing the magnetic field orientation from a maser Zeeman profile. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2988-2996.	4.4	7
151	The Extraordinary Linear Polarisation Structure of the Southern Centaurus A Lobe Revealed by ASKAP. Galaxies, 2018, 6, 127.	3.0	7
152	The interstellar medium: the key component in galactic evolution and modern cosmology. Research in Astronomy and Astrophysics, 2019, 19, 017.	1.7	7
153	GASKAP Pilot Survey Science. II. ASKAP Zoom Observations of Galactic 21 cm Absorption. Astrophysical Journal, 2022, 926, 186.	4.5	7
154	Interpretable Faraday complexity classification. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	6
155	Magnetic fields in the Southern Galactic Plane Survey. Astronomische Nachrichten, 2006, 327, 483-486.	1.2	5
156	The Magellanic impact: Collision between the Outer Galactic H <scp>i</scp> Disk and the Leading Arms of the Magellanic Stream. Astrophysical Journal, 2008, 672, L17-L20.	4.5	5
157	TRACING DENSE AND DIFFUSE NEUTRAL HYDROGEN IN THE HALO OF THE MILKY WAY. Astrophysical Journal, 2017, 834, 155.	4.5	5
158	The Global Magneto-Ionic Medium Survey (GMIMS): the brightest polarized region in the southern sky at 75â€‰cm and its implications for Radio Loop II. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3495-3518.	4.4	5
159	An Hâ€ƒi interstellar bubble surrounding WRâ€ƒ85 and RCWâ€ƒ118. Monthly Notices of the Royal Astronomical Society, 2005, 362, 681-688.	4.4	4
160	Polarization Gradient Study of Interstellar Medium Turbulence Using the Canadian Galactic Plane Survey. Astrophysical Journal, 2017, 835, 210.	4.5	4
161	Ghost of a Shell: Magnetic Fields of Galactic Supershell GSH 006â^’15 +7. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	4
162	Cold Hâ€‰<scp>i</scp> ejected into the Magellanic Stream. Monthly Notices of the Royal Astronomical Society, 2020, 496, 913-920.	4.4	4

#	Article	IF	Citations
163	SPLASH: the Southern Parkes Large-Area Survey in Hydroxyl â€“ data description and release. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3345-3364.	4.4	3
164	MAGMO: Mapping the Galactic Magnetic field through OH masers. Proceedings of the International Astronomical Union, 2012, 10, 402-402.	0.0	1
165	Magnetic Fields in the Milky Way Halo. Proceedings of the International Astronomical Union, 2012, 10, 403-403.	0.0	1
166	The Supershell-Molecular Cloud Connection in the Milky Way and Beyond. Proceedings of the International Astronomical Union, 2012, 8, 83-86.	0.0	1
167	Distant probes of rotation measure structure: where is the Faraday rotation towards the Magellanic Leading Arm?. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3921-3935.	4.4	1
168	The Parkes methanol multibeam survey. Proceedings of the International Astronomical Union, 2006, 2, 403-403.	0.0	0
169	The Methanol Multibeam Survey. Proceedings of the International Astronomical Union, 2007, 3, 218-222.	0.0	0
170	Star-formation masers in the Magellanic Clouds: A multibeam survey with new detections and maser abundance estimates. Proceedings of the International Astronomical Union, 2008, 4, 227-232.	0.0	0
171	Erratum â€œThe Global Magneto-Ionic Medium Survey: A Faraday Depth Survey of the Northern Sky Covering 1280â€“1750 MHzâ€•(2021, AJ, 162, 35). Astronomical Journal, 2021, 162, 173.	4.7	0
172	New Views of Neutral Hydrogen in the Milky Way. Springer Proceedings in Physics, 1997, , 193-198.	0.2	0