

Ron D Ekers

List of Publications by Year in descending order

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Version: 2024-02-01

249
papers

13,443
citations

20817

60
h-index

25787

108
g-index

255
all docs

255
docs citations

255
times ranked

7660
citing authors

#	ARTICLE	IF	CITATIONS
1	Radio emission from the unusual supernova 1998bw and its association with the $\hat{\gamma}$ -ray burst of 25 April 1998. <i>Nature</i> , 1998, 395, 663-669.	27.8	505
2	The H I Parkes All Sky Survey: southern observations, calibration and robust imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 322, 486-498.	4.4	486
3	The HIPASS catalogue - I. Data presentation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, 1195-1209.	4.4	467
4	The 1000 Brightest HIPASS Galaxies: HiProperties. <i>Astronomical Journal</i> , 2004, 128, 16-46.	4.7	405
5	The Parkes 21 cm Multibeam Receiver. <i>Publications of the Astronomical Society of Australia</i> , 1996, 13, 243-248.	3.4	365
6	A census of baryons in the Universe from localized fast radio bursts. <i>Nature</i> , 2020, 581, 391-395.	27.8	341
7	The Australia Telescope Compact Array Broad-band Backend: description and first results... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 832-856.	4.4	319
8	The Australia Telescope 20 GHz Survey: the source catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2403-2423.	4.4	298
9	A single fast radio burst localized to a massive galaxy at cosmological distance. <i>Science</i> , 2019, 365, 565-570.	12.6	295
10	The Parkes-MIT-NRAO (PMN) surveys. 2: Source catalog for the southern survey ($\delta > -70^\circ$). <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 373, 107-114.	7.7	274
11	Tracing Black Hole Mergers Through Radio Lobe Morphology. <i>Science</i> , 2002, 297, 1310-1313.	12.6	234
12	The very large array: Design and performance of a modern synthesis radio telescope. <i>Proceedings of the IEEE</i> , 1983, 71, 1295-1320.	21.3	233
13	Science with the Australian Square Kilometre Array Pathfinder. <i>Publications of the Astronomical Society of Australia</i> , 2007, 24, 174-188.	3.4	231
14	The dispersion-brightness relation for fast radio bursts from a wide-field survey. <i>Nature</i> , 2018, 562, 386-390.	27.8	223
15	Tidal disruption of the Magellanic Clouds by the Milky Way. <i>Nature</i> , 1998, 394, 752-754.	27.8	216
16	Radio Astronomy: A telescope with a size of 300 000 km: Main parameters and first observational results. <i>Astronomy Reports</i> , 2013, 57, 153-194.	0.9	197
17	The extended radio emission in the luminous X-ray cluster A3667. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 290, 577-584.	4.4	179
18	The Parkes-MIT-NRAO (PMN) surveys. 3: Source catalog for the tropical survey ($-29^\circ < \delta < -10^\circ$). <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 373, 115-122.	7.7	176

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19	The 1000 Brightest HIPASS Galaxies: The HiMass Function and Hi. <i>Astronomical Journal</i> , 2003, 125, 2842-2858.	4.7	173
20	The Parkes-MIT-NRAO (PMN) surveys. 6: Source catalog for the equatorial survey (-9.5 deg less than) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 5	7.7	173
21	The HIPASS catalogue " III. Optical counterparts and isolated dark galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 34-44.	4.4	172
22	HIPASS High-Velocity Clouds: Properties of the Compact and Extended Populations. <i>Astronomical Journal</i> , 2002, 123, 873-891.	4.7	163
23	H I absorption in radio elliptical galaxies - Evidence for infall. <i>Astronomical Journal</i> , 1989, 97, 708.	4.7	153
24	The Northern HIPASS catalogue - data presentation, completeness and reliability measures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1855-1864.	4.4	147
25	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
26	Low-Mach-number turbulence in interstellar gas revealed by radio polarization gradients. <i>Nature</i> , 2011, 478, 214-217.	27.8	130
27	Radio studies of the Galactic center. I - The Sagittarius A complex. <i>Astrophysical Journal</i> , 1989, 342, 769.	4.5	119
28	The Host Galaxies and Progenitors of Fast Radio Bursts Localized with the Australian Square Kilometre Array Pathfinder. <i>Astrophysical Journal Letters</i> , 2020, 895, L37.	8.3	113
29	Extragalactic Peaked-spectrum Radio Sources at Low Frequencies. <i>Astrophysical Journal</i> , 2017, 836, 174.	4.5	112
30	RADIO BURSTS WITH EXTRAGALACTIC SPECTRAL CHARACTERISTICS SHOW TERRESTRIAL ORIGINS. <i>Astrophysical Journal</i> , 2011, 727, 18.	4.5	102
31	The properties of extragalactic radio sources selected at 20 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 898-914.	4.4	101
32	BIGHORNS - Broadband Instrument for Global HydrOgen ReioNisation Signal. <i>Publications of the Astronomical Society of Australia</i> , 2015, 32, .	3.4	101
33	Parsec-scale radio cores in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 269, 928-946.	4.4	100
34	A search for lunar radio Cerenkov emission from high-energy neutrinos. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 283, 1027-1030.	4.4	98
35	NGC326" a radio galaxy with a precessing beam?. <i>Nature</i> , 1978, 276, 588-590.	27.8	97
36	High time resolution and polarization properties of ASKAP-localized fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3335-3350.	4.4	93

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37	Radio studies of the Galactic Centre - II. The arc, threads, and related features at 90 CM (330 MHz). Monthly Notices of the Royal Astronomical Society, 1991, 249, 262-281.	4.4	92
38	The HIPASS catalogue - II. Completeness, reliability and parameter accuracy. Monthly Notices of the Royal Astronomical Society, 2004, 350, 1210-1219.	4.4	91
39	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
40	Characterizing the Fast Radio Burst Host Galaxy Population and its Connection to Transients in the Local and Extragalactic Universe. Astronomical Journal, 2022, 163, 69.	4.7	91
41	The local radio-galaxy population at 20â€‰GHz. Monthly Notices of the Royal Astronomical Society, 2013, 438, 796-824.	4.4	89
42	The Parkes-MIT-NRAO (PMN) Surveys. VIII. Source Catalog for the Zenith Survey (-37.0 degrees < delta <) Tj ETQq0.0 rgBT /Overlock 10	7.7	87
43	The Spectral Properties of the Bright Fast Radio Burst Population. Astrophysical Journal Letters, 2019, 872, L19.	8.3	85
44	The Australia Telescope 20-GHz (AT20G) Survey: the Bright Source Sample. Monthly Notices of the Royal Astronomical Society, 0, 384, 775-802.	4.4	83
45	Spectropolarimetric Analysis of FRB 181112 at Microsecond Resolution: Implications for Fast Radio Burst Emission Mechanism. Astrophysical Journal Letters, 2020, 891, L38.	8.3	82
46	Nonthermal continuum radiation in three elliptical galaxies. Astrophysical Journal, 1975, 198, 261.	4.5	82
47	Molecular Gas at High Redshift: Jet-induced Star Formation?. Astrophysical Journal, 2004, 612, L97-L100.	4.5	80
48	Radio Interferometric Test of the General Relativistic Light Bending Near the Sun. Physical Review Letters, 1970, 24, 1377-1380.	7.8	77
49	The Australia Telescope 20â€‰GHz (AT20G) Survey: analysis of the extragalactic source sample. Monthly Notices of the Royal Astronomical Society, 2011, 412, 318-330.	4.4	76
50	Centaurus A: multiple outbursts or bursting bubble?. Monthly Notices of the Royal Astronomical Society, 1999, 307, 750-760.	4.4	75
51	On the size of the galactic centre compact radio source: diameter <20 AU. Nature, 1985, 315, 124-126.	27.8	74
52	A search for distant radio galaxies from SUMSS and NVSS - III. Radio spectral energy distributions and the z-Å correlation. Monthly Notices of the Royal Astronomical Society, 2006, 371, 852-866.	4.4	73
53	New Galaxies Discovered in the First Blind HiSurvey of the Centaurus A Group. Astrophysical Journal, 1999, 524, 612-622.	4.5	71
54	A multiresolution analysis of the radio-FIR correlation in the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2006, 370, 363-379.	4.4	68

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55	The ATESP radio survey. <i>Astronomy and Astrophysics</i> , 2001, 365, 392-399.	5.1	68
56	Molecular gas in the halo fuels the growth of a massive cluster galaxy at high redshift. <i>Science</i> , 2016, 354, 1128-1130.	12.6	67
57	The radio galaxy IC 4296 (PKS 1333 - 33). I - Multifrequency Very Large Array observations. <i>Astrophysical Journal</i> , 1986, 302, 306.	4.5	66
58	Properties of the Radio Continuum Emission from Interacting Galaxies. <i>Nature</i> , 1973, 241, 260-261.	27.8	65
59	FARADAY ROTATION STRUCTURE ON KILOPARSEC SCALES IN THE RADIO LOBES OF CENTAURUS A. <i>Astrophysical Journal</i> , 2009, 707, 114-125.	4.5	65
60	BROADBAND SPECTRAL MODELING OF THE EXTREME GIGAHERTZ-PEAKED SPECTRUM RADIO SOURCE PKS B0008-421. <i>Astrophysical Journal</i> , 2015, 809, 168.	4.5	65
61	CO(1-0) survey of high-z radio galaxies: alignment of molecular halo gas with distant radio sources... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 2898-2915.	4.4	61
62	Discovery of H ₂ gas in a young radio galaxy at z = 0.44 using the Australian Square Kilometre Array Pathfinder. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1249-1267.	4.4	61
63	Real-time imaging of density ducts between the plasmasphere and ionosphere. <i>Geophysical Research Letters</i> , 2015, 42, 3707-3714.	4.0	61
64	Fast radio burst event rate counts I. Interpreting the observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1900-1908.	4.4	61
65	LUNASKA experiments using the Australia Telescope Compact Array to search for ultrahigh energy neutrinos and develop technology for the lunar Cherenkov technique. <i>Physical Review D</i> , 2010, 81, .	4.7	56
66	FRB event rate counts II. Fluence, redshift, and dispersion measure distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 4211-4230.	4.4	56
67	The ATESP 5 GHz radio survey. <i>Astronomy and Astrophysics</i> , 2006, 457, 517-529.	5.1	56
68	The exploration of the unknown. <i>New Astronomy Reviews</i> , 2004, 48, 1551-1563.	12.8	54
69	HIGH-FREQUENCY RADIO PROPERTIES OF SOURCES IN THE FERMI-LAT 1 YEAR POINT SOURCE CATALOG. <i>Astrophysical Journal</i> , 2010, 718, 587-595.	4.5	53
70	HIPASS Detection of an Intergalactic Gas Cloud in the NGC 2442 Group. <i>Astrophysical Journal</i> , 2001, 555, 232-239.	4.5	52
71	CO (1-0) and CO (5-4) Observations of the Most Distant Known Radio Galaxy at z = 5.2. <i>Astrophysical Journal</i> , 2005, 621, L1-L4.	4.5	51
72	A complete sample of radio galaxies - I. The radio data. <i>Monthly Notices of the Royal Astronomical Society</i> , 1989, 236, 737-777.	4.4	50

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73	New structures near the compact radio source at the Galactic Centre. <i>Nature</i> , 1990, 348, 45-47.	27.8	50
74	First results from the Australia Telescope Compact Array 18-GHz pilot survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 354, 305-320.	4.4	50
75	THERMAL PLASMA IN THE GIANT LOBES OF THE RADIO GALAXY CENTAURUS A. <i>Astrophysical Journal</i> , 2013, 764, 162.	4.5	50
76	H [CSC]i[[CSC]â€“bright Galaxies in the Southern Zone of Avoidance. <i>Astronomical Journal</i> , 2000, 119, 2686-2698.	4.7	50
77	The extragalactic radio-source population at 95ÂGHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1656-1672.	4.4	49
78	The ATESP radio survey. <i>Astronomy and Astrophysics</i> , 2000, 146, 41-55.	2.1	49
79	Multifrequency Radio Studies of G359.1-00.2. <i>Astrophysical Journal</i> , 1995, 448, 164.	4.5	48
80	The 154ÂMHz radio sky observed by the Murchison Widefield Array: noise, confusion, and first source count analyses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3314-3325.	4.4	47
81	THE RADIO CONTINUUM STRUCTURE OF CENTAURUS A AT 1.4 GHz. <i>Astrophysical Journal</i> , 2011, 740, 17.	4.5	46
82	ATLBS EXTENDED SOURCE SAMPLE: THE EVOLUTION IN RADIO SOURCE MORPHOLOGY WITH FLUX DENSITY. <i>Astrophysical Journal</i> , Supplement Series, 2012, 199, 27.	7.7	46
83	ATPMN: accurate positions and flux densities at 5 and 8â€fGHz for 8385 sources from the PMN survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1527-1545.	4.4	46
84	The slope of the source-count distribution for fast radio bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1342-1353.	4.4	46
85	The Sgr A East H II complex at Formula. <i>Monthly Notices of the Royal Astronomical Society</i> , 1985, 215, 69P-73P.	4.4	43
86	A Transient Radio Source near the Center of the Milky Way Galaxy. <i>Science</i> , 1992, 255, 1538-1543.	12.6	43
87	Optical properties of high-frequency radio sources from the Australia Telescope 20â€fGHz (AT20G) Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 2651-2675.	4.4	43
88	The molecular connection to the FIR-radio continuum correlation in galaxies. <i>Astronomy and Astrophysics</i> , 2005, 437, 389-410.	5.1	42
89	No Low-frequency Emission from Extremely Bright Fast Radio Bursts. <i>Astrophysical Journal Letters</i> , 2018, 867, L12.	8.3	42
90	Further Observations of Pulsating Radio Sources at 13 cm. <i>Nature</i> , 1968, 220, 756-761.	27.8	41

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91	A search for arcmin-scale anisotropy in the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 1993, 263, 416-424.	4.4	41
92	An Extragalactic H [CSC]i[/CSC] Cloud with No Optical Counterpart?. Astronomical Journal, 2000, 120, 1342-1350.	4.7	41
93	An Australia Telescope survey for CMB anisotropies. Monthly Notices of the Royal Astronomical Society, 2000, 315, 808-822.	4.4	40
94	ATLBS: the Australia Telescope Low-Brightness Survey. Monthly Notices of the Royal Astronomical Society, 2010, 402, 2792-2806.	4.4	40
95	CO(1 $\hat{=}$ 0) detection of molecular gas in the massive Spiderweb Galaxy ($z = 2$) $\hat{\sim}$ Monthly Notices of the Royal Astronomical Society, 2013, 430, 3465-3471.	4.4	40
96	Limits on Precursor and Afterglow Radio Emission from a Fast Radio Burst in a Star-forming Galaxy. Astrophysical Journal Letters, 2020, 901, L20.	8.3	40
97	A multi-frequency study of the radio galaxy NGC 326. Astronomy and Astrophysics, 2001, 380, 102-116.	5.1	39
98	The cosmological significance of low surface brightness galaxies found in a deep blind neutral hydrogen survey. Monthly Notices of the Royal Astronomical Society, 2004, 355, 1303-1314.	4.4	38
99	A Search for the Host Galaxy of FRB 171020. Astrophysical Journal Letters, 2018, 867, L10.	8.3	38
100	A Catalog of H [CSC]i[/CSC] $\hat{=}$ selected Galaxies from the South Celestial Cap Region of Sky. Astronomical Journal, 2002, 124, 690-705.	4.7	37
101	ON THE RELIABILITY OF POLARIZATION ESTIMATION USING ROTATION MEASURE SYNTHESIS. Astrophysical Journal, 2012, 750, 139.	4.5	36
102	The ATESP radio survey. Astronomy and Astrophysics, 2001, 369, 787-796.	5.1	36
103	Variations of Small Quasar Components at 2,300 MHz. Nature, 1969, 224, 1094-1095.	27.8	35
104	The radio and optical properties of the BL Lac object PKS 0521 $\hat{=}$ 36. Monthly Notices of the Royal Astronomical Society, 1979, 188, 415-419.	4.4	35
105	The radio and optical axes of radio elliptical galaxies. Monthly Notices of the Royal Astronomical Society, 1987, 229, 15-29.	4.4	35
106	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
107	A filamentary radio source near the Galactic Centre. Nature, 1991, 353, 237-239.	27.8	34
108	Radio jet interactions in the radio galaxy PKS 2152 $\hat{=}$ 699. Monthly Notices of the Royal Astronomical Society, 1998, 296, 701-708.	4.4	34

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109	The Planck-ATCA Co-eval Observations project: the bright sample. Monthly Notices of the Royal Astronomical Society, 2011, 415, 1597-1610.	4.4	34
110	PERIODIC STRUCTURE IN THE MEGAPARSEC-SCALE JET OF PKS 0637+752. Astrophysical Journal Letters, 2012, 758, L27.	8.3	34
111	New H I detected Galaxies in the Zone of Avoidance. Astronomical Journal, 1998, 116, 2717-2727.	4.7	31
112	Dressing a Naked Quasar: Star Formation and Active Galactic Nucleus Feedback in HE 0450+2958. Astrophysical Journal, 2007, 662, 872-877.	4.5	31
113	Serendipitous discovery of a dying Giant Radio Galaxy associated with NGC 1534, using the Murchison Widefield Array. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2468-2478.	4.4	31
114	Interplanetary Scintillation with the Murchison Widefield Array I: a sub-arcsecond survey over 900 deg ² at 79 and 158 MHz. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2965-2983.	4.4	31
115	Short Spacing Synthesis from a Primary Beam Scanned Interferometer. Astrophysics and Space Science Library, 1979, , 61-63.	2.7	31
116	Limit on ultrahigh energy neutrino flux from the Parkes Lunar Radio Cherenkov experiment. Monthly Notices of the Royal Astronomical Society, 2007, 379, 1037-1041.	4.4	30
117	MOLECULAR CO(1-0) GAS IN THE $z \approx 2$ RADIO GALAXY MRC 0152-209. Astrophysical Journal Letters, 2011, 734, L25.	8.3	30
118	The AT20G high-angular-resolution catalogue. Monthly Notices of the Royal Astronomical Society, 2013, 434, 956-965.	4.4	30
119	A search for long-time-scale, low-frequency radio transients. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1944-1953.	4.4	30
120	LUNASKA experiment observational limits on UHE neutrinos from Centaurus A and the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2011, 410, 885-889.	4.4	29
121	Science at Very High Angular Resolution with the Square Kilometre Array. Publications of the Astronomical Society of Australia, 2012, 29, 42-53.	3.4	29
122	Interplanetary scintillation studies with the Murchison Widefield Array II. Properties of sub-arcsecond compact sources at low radio frequencies. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4937-4955.	4.4	28
123	The 1000 Brightest HIPASS Galaxies: Newly Cataloged Galaxies. Astronomical Journal, 2002, 124, 1954-1974.	4.7	27
124	Radio Sources and Elliptical Galaxies. Astrophysical Journal, 1969, 157, 481.	4.5	26
125	A polarization survey of bright extragalactic AT20G sources. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2915-2928.	4.4	25
126	Detection of the Pulsed Radio Source CP 1919 at 13 cm Wavelength. Nature, 1968, 218, 227-229.	27.8	24

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127	The ATESP radio survey. <i>Astronomy and Astrophysics</i> , 2000, 146, 31-39.	2.1	24
128	A pilot ASKAP survey of radio transient events in the region around the intermittent pulsar PSR J1107âˆ’5907. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3948-3960.	4.4	23
129	Spectral Energy Distribution and Radio Halo of NGC 253 at Low Radio Frequencies. <i>Astrophysical Journal</i> , 2017, 838, 68.	4.5	23
130	Source counts and confusion at 72â€“231 MHz in the MWA GLEAM survey. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	3.4	23
131	H I gas near the giant elliptical galaxy NGC 4472. <i>Astrophysical Journal</i> , 1987, 315, L39.	4.5	23
132	CO observations of high-z radio galaxies MRC 2104âˆ’242 and MRC 0943âˆ’242: spectral-line performance of the Compact Array Broadband Backend. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 655-664.	4.4	22
133	Thermal and non-thermal components of the interstellar medium at sub-kiloparsec scales in galaxies. <i>Astronomy and Astrophysics</i> , 2006, 456, 847-859.	5.1	22
134	Ultra- and hyper-compact Hâ€fii regions at 20 GHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	4.4	21
135	Spectral properties and the effect on redshift cut-off of compact active galactic nuclei from the AT20G survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 2274-2281.	4.4	21
136	Detecting pulsars with interstellar scintillation in variance images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3115-3122.	4.4	21
137	A Blind H [CSC]i[/CSC] Survey for Galaxies in the Zone of Avoidance, 308Â°â€‰â€‰[CLC][ITAL]I[/ITAL][[/CLC]â€‰â€‰332Â°. <i>Astronomical Journal</i> , 2000, 119, 1627-1637.	4.7	21
138	The Cosmic Ray Distribution in Sagittarius B. <i>Astrophysical Journal</i> , 2007, 666, 934-948.	4.5	20
139	Interpretation of radio continuum and molecular line observations of Sgr B2: free-free and synchrotron emission, and implications for cosmic rays. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, , .	4.4	20
140	The jet/wind outflow in Centaurus A: a local laboratory for AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4056-4072.	4.4	20
141	Einstein observations of NGC 4438 - Dynamical ablation of gas in the Virgo Cluster. <i>Astrophysical Journal</i> , 1983, 273, L7.	4.5	20
142	High-resolution VLA images of the Galactic Centre at 2-cm wavelength with large dynamic range. <i>Nature</i> , 1991, 354, 46-48.	27.8	19
143	Wide-field imaging and polarimetry for the biggest and brightest in the 20-GHz southern sky. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 504-517.	4.4	19
144	MURCHISON WIDEFIELD ARRAY OBSERVATIONS OF ANOMALOUS VARIABILITY: A SERENDIPITOUS NIGHT-TIME DETECTION OF INTERPLANETARY SCINTILLATION. <i>Astrophysical Journal Letters</i> , 2015, 809, L12.	8.3	19

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145	Identification of Extragalactic Radio Sources Between Declinations 20° and 44° . Australian Journal of Physics, 1965, 18, 627.	0.6	19
146	A CO-rich merger shaping a powerful and hyperluminous infrared radio galaxy at $z=2$: the Dragonfly Galaxy. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1025-1035.	4.4	18
147	The performance and calibration of the CRAFT fly's eye fast radio burst survey. Publications of the Astronomical Society of Australia, 2019, 36, .	3.4	18
148	Multi-Array ≥ 2 and 6cm Radio Continuum Observations of Sgr A West. , 1989, , 443-451.		18
149	The ATESP 5GHz radio survey. Astronomy and Astrophysics, 2008, 477, 459-471.	5.1	18
150	Radio structure and optical kinematics of the cD galaxy Hydra A /3C 218/. Astrophysical Journal, 1983, 265, 85.	4.5	18
151	Polarization of Pulsating Radio Sources. Astrophysical Journal, 1969, 158, L1.	4.5	18
152	The fast radio burst dispersion measure distribution. Monthly Notices of the Royal Astronomical Society, 2021, 501, 5319-5329.	4.4	18
153	Radio emission from the 2006 - 56 region. Monthly Notices of the Royal Astronomical Society, 1982, 198, 259-264.	4.4	17
154	Limits on cosmic radio bursts with microsecond time scales. Nature, 1978, 276, 590-591.	27.8	16
155	Deep 20-GHz survey of the Chandra Deep Field South and SDSS Stripe 82: source catalogue and spectral properties. Monthly Notices of the Royal Astronomical Society, 2014, 439, 1212-1230.	4.4	16
156	Multifrequency polarimetry of a complete sample of PACO radio sources. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4085-4098.	4.4	16
157	The very low-brightness relic radio galaxy 1401-33. Monthly Notices of the Royal Astronomical Society, 1987, 226, 979-988.	4.4	15
158	A lunar radio experiment with the Parkes radio telescope for the LUNASKA project. Astroparticle Physics, 2015, 65, 22-39.	4.3	15
159	A Measurement of the Galactic Magnetic Field Using the Pulsating Radio Source PSR 0833-45. Astrophysical Journal, 1969, 156, L21.	4.5	15
160	First Constraints on Compact Dark Matter from Fast Radio Burst Microstructure. Astrophysical Journal, 2020, 900, 122.	4.5	15
161	Radio Observations of the Hubble Deep Field-South Region. I. Survey Description and Initial Results. Astronomical Journal, 2005, 130, 1358-1372.	4.7	14
162	HIGH ANGULAR RESOLUTION OBSERVATION OF THE SUNYAEV-ZEL'DOVICH EFFECT IN THE MASSIVE $z \approx 0.83$ CLUSTER CL J0152+1357. Astrophysical Journal Letters, 2010, 718, L23-L26.	8.3	14

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163	Variable Radio Emission from the Extragalactic Supernova 1970g in M101. <i>Nature: Physical Science</i> , 1973, 243, 42-44.	0.8	13
164	Limit on the ultrahigh-energy neutrino flux from lunar observations with the Parkes radio telescope. <i>Physical Review D</i> , 2015, 91, .	4.7	13
165	Characterization of polarimetric and total intensity behaviour of a complete sample of PACO radio sources in the radio bands. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1306-1322.	4.4	13
166	Interplanetary Scintillation with the Murchison Widefield Array V: An all-sky survey of compact sources using a modern low-frequency radio telescope. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	3.4	13
167	Radio Observations of Active and Normal Nuclei. <i>Physica Scripta</i> , 1978, 17, 171-173.	2.5	12
168	IS THE OBSERVED HIGH-FREQUENCY RADIO LUMINOSITY DISTRIBUTION OF QSOs BIMODAL?. <i>Astrophysical Journal</i> , 2012, 754, 12.	4.5	12
169	Radio Continuum Emission from Galaxies. , 1975, , 217-245.		12
170	The ATESP 5 GHz radio survey. <i>Astronomy and Astrophysics</i> , 2010, 510, A42.	5.1	12
171	An optical-radio knot in NGC 7385. <i>Astronomical Journal</i> , 1979, 84, 56.	4.7	12
172	AUSTRALIA TELESCOPE COMPACT ARRAY RADIO CONTINUUM 1384 AND 2368 MHz OBSERVATIONS OF SAGITTARIUS B. <i>Astronomical Journal</i> , 2011, 141, 82.	4.7	11
173	Density duct formation in the wake of a travelling ionospheric disturbance: Murchison Widefield Array observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1569-1586.	2.4	11
174	Ultimate precision in cosmic-ray radio detection â€” the SKA. <i>EPJ Web of Conferences</i> , 2017, 135, 02003.	0.3	11
175	VLA Observations of Sgr A. , 1983, , 65-69.		11
176	John Paul Wild 1923 - 2008. <i>Historical Records of Australian Science</i> , 2012, 23, 212.	0.6	11
177	B0924 + 30 an unusual radio galaxy. <i>Nature</i> , 1975, 258, 584-586.	27.8	10
178	Radio observations of three supernova remnants in M33. <i>Monthly Notices of the Royal Astronomical Society</i> , 1980, 193, 901-909.	4.4	10
179	Lunar radio Cherenkov observations of UHE neutrinos. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 604, S106-S111.	1.6	10
180	The Australia telescope 20 GHz survey: hardware, observing strategy, and scanning survey catalog. <i>Experimental Astronomy</i> , 2011, 32, 147-177.	3.7	10

#	ARTICLE	IF	CITATIONS
181	A Search for Artificial Signals From the Small Magellanic Cloud. <i>Astronomical Journal</i> , 1996, 112, 164.	4.7	10
182	H I observations of the high-velocity system in NGC 1275. <i>Astrophysical Journal</i> , 1983, 267, 528.	4.5	10
183	Extragalactic Ionized Hydrogen in the Fornax Cluster. <i>Astrophysical Journal</i> , 1995, 447, .	4.5	10
184	J06587-5558: a very unusual polarized radio source. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 328, L21-L25.	4.4	9
185	Overview of lunar detection of ultra-high energy particles and new plans for the SKA. <i>EPJ Web of Conferences</i> , 2017, 135, 04001.	0.3	9
186	Interplanetary scintillation studies with the Murchison Widefield Array III: comparison of source counts and densities for radio sources and their sub-arcsecond components at 162 MHz. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2318-2327.	4.4	9
187	Long-Term Variations of the Compact Radio Source Sgr A* at the Galactic Center. , 1989, , 535-541.		9
188	G25.5 + 0.2: a new luminous blue variable in the Galaxy?. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993, 263, 868-874.	4.4	8
189	The Australia Telescope search for cosmic microwave background anisotropy. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 298, 1189-1197.	4.4	8
190	Noise statistics in a fast digital radio receiver: the Bedlam backend for the Parkes radio telescope. <i>Experimental Astronomy</i> , 2013, 36, 155-174.	3.7	8
191	G25.5 + 0.2: a very young galactic supernova remnant. <i>Monthly Notices of the Royal Astronomical Society</i> , 1989, 241, 613-623.	4.4	7
192	Cosmological Halos: A Search for the Ionized Intergalactic Medium. <i>Astrophysical Journal</i> , 2000, 539, 73-88.	4.5	7
193	Spectral-Line Observations Using a Phased Array Feed on the Parkes Telescope. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	7
194	Radio Frequency Observations of the Nuclei of Galaxies. , 1974, , 257-277.		7
195	A VLA search for young galactic supernova remnants. <i>Astronomical Journal</i> , 1992, 104, 704.	4.7	7
196	Search for Ghost Images: a Statistical Test. <i>Nature</i> , 1969, 224, 484-488.	27.8	6
197	Dual-Frequency Measurement of the Solar Gravitational Microwave Deflection. <i>Physical Review Letters</i> , 1975, 35, 134-137.	7.8	6
198	HIGH-RESOLUTION IMAGING OF THE ATLBS REGIONS: THE RADIO SOURCE COUNTS. <i>Astrophysical Journal</i> , 2013, 762, 16.	4.5	6

#	ARTICLE	IF	CITATIONS
199	High radio frequency sample of bright planetary nebulae in the Southern hemisphere detected in the AT20G survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3228-3236.	4.4	6
200	Bandpass calibration of a wideband spectrometer using coherent pulse injection. <i>Experimental Astronomy</i> , 2017, 43, 119-129.	3.7	6
201	ALMA Band 3 polarimetric follow-up of a complete sample of faint PACO sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 470-486.	4.4	6
202	The 21-cm absorption line in NGC1275. <i>Nature</i> , 1976, 262, 369-370.	27.8	5
203	A Survey for Sharply Pulsed Emissions. <i>Publications of the Astronomical Society of Australia</i> , 1979, 3, 328-330.	3.4	5
204	PKS 0400 - 181: a classical radio double from a spiral galaxy?. <i>Monthly Notices of the Royal Astronomical Society</i> , 1983, 205, 819-827.	4.4	5
205	2152 ^h 69: The First Image from the Australia Telescope. <i>Publications of the Astronomical Society of Australia</i> , 1990, 8, 252-253.	3.4	5
206	Status report and future prospects on LUNASKA lunar observations with ATCA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 604, S112-S115.	1.6	5
207	The Planck-ATCA Coeval Observations project: the faint sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no.	4.4	5
208	Radio Frequency Observations of the Nuclei of Galaxies. <i>Symposium - International Astronomical Union</i> , 1974, 58, 257-277.	0.1	4
209	Radio and Optical Studies of 4C 11.50. <i>Monthly Notices of the Royal Astronomical Society</i> , 1974, 168, 1P-6P.	4.4	4
210	Long-Term Variations of the Compact Radio Source Sgr A [*] at the Galactic Center. <i>Symposium - International Astronomical Union</i> , 1989, 136, 535-541.	0.1	4
211	The Parkes-MIT-NRAO Southern Sky Survey at 4850 MHz. <i>Publications of the Astronomical Society of Australia</i> , 1991, 9, 243-245.	3.4	4
212	The radio counterpart of the Great Annihilator (1E 1740.7 ^h 2942). <i>Monthly Notices of the Royal Astronomical Society</i> , 1992, 256, 277-280.	4.4	4
213	Observability of the virialization phase of spheroidal galaxies with radio arrays. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 384, 701-710.	4.4	4
214	A new method to calibrate ionospheric pulse dispersion for UHE cosmic ray and neutrino detection using the Lunar Cherenkov technique. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 662, S234-S237.	1.6	4
215	SETI and the one square kilometre radio telescope. <i>Acta Astronautica</i> , 1998, 42, 589-591.	3.2	3
216	The Dual Radio Relics of A3667. <i>Symposium - International Astronomical Union</i> , 2002, 199, 157-158.	0.1	3

#	ARTICLE	IF	CITATIONS
217	John Paul Wild AC CBE FAA FTSE. 17 May 1923 – 10 May 2008. Biographical Memoirs of Fellows of the Royal Society, 2012, 58, 327-346.	0.1	3
218	LUNASKA neutrino search with the Parkes and ATCA telescopes. , 2013, , .		3
219	Non-thermal radio astronomy. Astroparticle Physics, 2014, 53, 152-159.	4.3	3
220	The Prague IAU General Assembly, Pluto and the IAU processes. Proceedings of the International Astronomical Union, 2018, 13, 51-57.	0.0	3
221	<i>WISE</i> mid-infrared properties of compact active galactic nuclei selected from the high radio frequency AT20G survey. Monthly Notices of the Royal Astronomical Society, 2020, 494, 923-940.	4.4	3
222	Radio Continuum Observations of the Nucleus of our Galaxy and Other Normal Galaxies. Highlights of Astronomy, 1980, 5, 143-148.	0.0	2
223	Symmetry in Radio Galaxies. Symposium - International Astronomical Union, 1982, 97, 465-474.	0.1	2
224	Summary of the \sim Sub-microJansky Radio Sky™ Workshop. Publications of the Astronomical Society of Australia, 1999, 16, 152-159.	3.4	2
225	Radio Frequency Interference Mitigation Strategies: Summary of the E. & F. White Conference held in Sydney, Australia, December 1999. Publications of the Astronomical Society of Australia, 2000, 17, 255-259.	3.4	2
226	The Future of Radio Astronomy: Options for Dealing with Human Generated Interference. Symposium - International Astronomical Union, 2001, 196, 199-208.	0.1	2
227	Faint 1.4-GHz radio sources in the 2dF Galaxy Redshift Survey. Monthly Notices of the Royal Astronomical Society, 2004, 352, 1245-1254.	4.4	2
228	The Nature, Location and Environment of SgrA East. , 1989, , 345-356.		2
229	Compact Radio Sources in the Nuclei of Elliptical Galaxies. Symposium - International Astronomical Union, 1972, 44, 222-223.	0.1	1
230	The Nature, Location and Environment of Sgr A East. Symposium - International Astronomical Union, 1989, 136, 345-356.	0.1	1
231	Radio Observations of the Hubble Deep Field South. , 0, , 135-138.		1
232	Comparison of the Parkes and FAST FRB DM distribution. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2093-2098.	4.4	1
233	Dumbbell Galaxies and Multiple Nuclei in Rich Clusters: Radio Data (Poster paper). , 1994, , 400-401.		0
234	Serendipitous Detection of Radio Pulses from Evaporating Black Holes, GRBs and Extragalactic Supernova Using SETI@home. , 0, , 436-437.		0

#	ARTICLE	IF	CITATIONS
235	The Australia Telescope 20 GHz (AT20G) Survey. Proceedings of the International Astronomical Union, 2009, 5, 264-264.	0.0	0
236	DIVISION X WORKING GROUP on RADIO FREQUENCY INTERFERENCE MITIGATION. Proceedings of the International Astronomical Union, 2010, 6, 243-245.	0.0	0
237	Radio evidence for binary super massive black holes. Proceedings of the International Astronomical Union, 2014, 10, 26-30.	0.0	0
238	A Long Overdue Synthesis Image of Centaurus A. Thirty Years of Astronomical Discovery With UKIRT, 2008, , 287-288.	0.3	0
239	Radio Continuum Observations of the Nucleus of Our Galaxy and Other Normal Galaxies. , 1980, , 143-148.		0
240	Ten Years of Discovery with Oort's Synthesis Radio Telescope. , 1980, , 79-110.		0
241	Symmetry in Radio Galaxies. , 1982, , 465-474.		0
242	Symmetry in Radio Galaxies. , 1982, , 465-474.		0
243	A Deep 20 CM Radio Mosaic of the ESO Key-Project Galaxy Redshift Survey. , 1996, , 523-524.		0
244	The Connection between Radio Halos and Rich Clusters: The Case of A3667 and a Search for Distant Radio Halos. Astrophysics and Space Science Library, 1998, , 119-122.	2.7	0
245	Interplanetary Scintillation Observations with a New Generation of Radio Telescopes: First results from the Murchison Widefield Array. , 2019, , .		0
246	Paths to discovery in Radio Astronomy the role of technical innovation and serendipity. , 2019, , .		0
247	High Frequency Observations of Pulsating Radio Sources. Publications of the Astronomical Society of the Pacific, 1968, 80, 556.	3.1	0
248	B2 1637+29, a massive radio galaxy probing a poor but gas-rich group. Astrophysical Journal, 1988, 329, 225.	4.5	0
249	The ATESP Radio Survey Optical Follow-Up in the EIS-A Region. , 0, , 306-306.		0