

Michael Burton

List of Publications by Year in descending order

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Version: 2024-02-01

258
papers

7,758
citations

50276

46
h-index

69250

77
g-index

259
all docs

259
docs citations

259
times ranked

4081
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Modelling the gamma-ray morphology of HESS J1804-216 from two supernova remnants in a hadronic scenario. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5915-5926. | 4.4 | 1 |
| 2 | Mapping the aliphatic hydrocarbon content of interstellar dust in the Galactic plane. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 4201-4216. | 4.4 | 3 |
| 3 | Triggered high-mass star formation in the W_28A_2 : A cloud-cloud collision scenario. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, S321-S337. | 2.5 | 3 |
| 4 | Resolved spectral variations of the centimetre-wavelength continuum from the $Oph\ W$ photodissociation region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 589-600. | 4.4 | 9 |
| 5 | The Carina Nebula and Gum 31 Molecular Complex. III. The Distribution of the 1.3 GHz Radio Continuum across the Whole Nebula. <i>Astrophysical Journal</i> , 2021, 909, 93. | 4.5 | 4 |
| 6 | Radio observations of supernova remnant G1.9+0.3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2606-2621. | 4.4 | 14 |
| 7 | A method for mapping the aliphatic hydrocarbon content of interstellar dust towards the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1109-1119. | 4.4 | 5 |
| 8 | Effect of Feedback of Massive Stars in the Fragmentation, Distribution, and Kinematics of the Gas in Two Star-forming Regions in the Carina Nebula. <i>Astrophysical Journal</i> , 2020, 891, 113. | 4.5 | 8 |
| 9 | Arcminute-scale studies of the interstellar gas towards HESS J1804-216: Still an unidentified TeV γ -ray source. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, . | 3.4 | 2 |
| 10 | The G332 molecular cloud ring: I. Morphology and physical characteristics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2089-2118. | 4.4 | 3 |
| 11 | Environmental conditions shaping star formation: the Carina Nebula. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1437-1451. | 4.4 | 5 |
| 12 | Connecting the ISM to TeV PWNe and PWN candidates. <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, . | 3.4 | 7 |
| 13 | Probing the origin of the unidentified TeV γ -ray source HESS J1702-420 via the surrounding interstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3659-3672. | 4.4 | 8 |
| 14 | Near-infrared [Fe ii] and H_2 Emission-line Study of Galactic Supernova Remnants in the First Quadrant. <i>Astronomical Journal</i> , 2019, 157, 123. | 4.7 | 16 |
| 15 | Probing ISM Structure in Trumpler 14 and Carina I Using the Stratospheric Terahertz Observatory 2. <i>Astrophysical Journal</i> , 2019, 878, 120. | 4.5 | 14 |
| 16 | ATLASGAL - properties of a complete sample of Galactic clumps.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1059-1102. | 4.4 | 204 |
| 17 | Unidentified γ -ray emission towards the SNR Kes 41 revisited. <i>Astronomy and Astrophysics</i> , 2018, 619, A109. | 5.1 | 4 |
| 18 | RCW 36 in the Vela Molecular Ridge: Evidence for high-mass star-cluster formation triggered by cloud-cloud collision. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, . | 2.5 | 36 |

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|----|--|-----|-----------|
| 19 | Searching for an interstellar medium association for HESS J1534-571. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 134-148. | 4.4 | 9 |
| 20 | The Mopra Southern Galactic Plane CO Survey Data Release 3. <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, . | 3.4 | 31 |
| 21 | Aliphatic hydrocarbon content of interstellar dust. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4336-4344. | 4.4 | 15 |
| 22 | Natal molecular cloud of SNR Kes 41. Complete characterisation. <i>Astronomy and Astrophysics</i> , 2018, 619, A108. | 5.1 | 2 |
| 23 | Near-Infrared Knots and Dense Fe Ejecta in the Cassiopeia A Supernova Remnant. <i>Astrophysical Journal</i> , 2017, 837, 118. | 4.5 | 19 |
| 24 | Seed Biology of the Weed Maryland Meadowbeauty (<i>Rhexia mariana</i> L.) in Blueberry (<i>Vaccinium</i> spp.). <i>International Journal of Fruit Science</i> , 2017, 17, 323-332. | 2.4 | 2 |
| 25 | ISM studies towards several PWNe. <i>AIP Conference Proceedings</i> , 2017, , . | 0.4 | 0 |
| 26 | Molecular shocks and the gamma-ray clouds of the W28 supernova remnant. <i>AIP Conference Proceedings</i> , 2017, , . | 0.4 | 1 |
| 27 | Interstellar gas towards the TeV γ -ray sources HESS J1640-465 and HESS J1641-463. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3757-3774. | 4.4 | 16 |
| 28 | Towards a three-dimensional distribution of the molecular clouds in the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2523-2536. | 4.4 | 7 |
| 29 | H ₂ O Southern Galactic Plane Survey (HOPS): Paper III – properties of dense molecular gas across the inner Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1462-1490. | 4.4 | 30 |
| 30 | The 6-GHz multibeam maser survey – II. Statistical analysis and Galactic distribution of 6668-MHz methanol masers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1383-1402. | 4.4 | 41 |
| 31 | The Carina Nebula and Gum 31 molecular complex – II. The distribution of the atomic gas revealed in unprecedented detail. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1685-1704. | 4.4 | 15 |
| 32 | Very High Excitation Lines of H ₂ in the Orion Molecular Cloud Outflow. <i>Astrophysical Journal</i> , 2017, 837, 83. | 4.5 | 6 |
| 33 | HIGHLY EXCITED H ₂ IN HERBIG-HARO 7: FORMATION PUMPING IN SHOCKED MOLECULAR GAS?. <i>Astrophysical Journal</i> , 2016, 822, 82. | 4.5 | 10 |
| 34 | Ammonia excitation imaging of shocked gas towards the W28 gamma-ray source HESS J1801-233. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 532-546. | 4.4 | 8 |
| 35 | PDR Emission from the Arched-Filaments and Nearby Positions. <i>Proceedings of the International Astronomical Union</i> , 2016, 11, 149-150. | 0.0 | 0 |
| 36 | Mopra Central Molecular Zone Carbon Monoxide Survey Status. <i>Proceedings of the International Astronomical Union</i> , 2016, 11, 164-165. | 0.0 | 3 |

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|----|---|-----|-----------|
| 37 | Scientific Goals of the Kunlun Infrared Sky Survey (KISS). Publications of the Astronomical Society of Australia, 2016, 33, . | 3.4 | 10 |
| 38 | Optimising the K ₂ Dark Filter for the Kunlun Infrared Sky Survey. Publications of the Astronomical Society of Australia, 2016, 33, . | 3.4 | 7 |
| 39 | Scaled up low-mass star formation in massive star-forming cores in the G333 giant molecular cloud. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3429-3442. | 4.4 | 6 |
| 40 | ISM gas studies towards the TeV PWN HESS J1825-137 and northern region. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2813-2835. | 4.4 | 37 |
| 41 | The Carina Nebula and Gum 31 molecular complex – I. Molecular gas distribution, column densities, and dust temperatures. Monthly Notices of the Royal Astronomical Society, 2016, 456, 2406-2424. | 4.4 | 37 |
| 42 | The AST3-NIR camera for the Kunlun Infrared Sky Survey. Proceedings of SPIE, 2016, , . | 0.8 | 0 |
| 43 | The Mopra Southern Galactic Plane CO Survey – Data Release 1. Publications of the Astronomical Society of Australia, 2015, 32, . | 3.4 | 25 |
| 44 | MALT-45: a 7 Åmm survey of the southern Galaxy – I. Techniques and spectral line data. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2344-2361. | 4.4 | 25 |
| 45 | EXTENDED CARBON LINE EMISSION IN THE GALAXY: SEARCHING FOR DARK MOLECULAR GAS ALONG THE G328 SIGHTLINE. Astrophysical Journal, 2015, 811, 13. | 4.5 | 20 |
| 46 | 6.7-GHz methanol maser associated outflows: an evolutionary sequence. Monthly Notices of the Royal Astronomical Society, 2015, 449, 119-128. | 4.4 | 22 |
| 47 | LORD OF THE RINGS: A KINEMATIC DISTANCE TO CIRCINUS X-1 FROM A GIANT X-RAY LIGHT ECHO. Astrophysical Journal, 2015, 806, 265. | 4.5 | 43 |
| 48 | Infall, outflow, and turbulence in massive star-forming cores in the G333 giant molecular cloud. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3246-3257. | 4.4 | 8 |
| 49 | ASTRONOMY FROM THE HIGH ANTARCTIC PLATEAU. Publications of the Korean Astronomical Society, 2015, 30, 611-616. | 0.0 | 23 |
| 50 | New detections of HC5N towards hot cores associated with 6.7 GHz methanol masers. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2252-2263. | 4.4 | 11 |
| 51 | THE CARBON INVENTORY IN A QUIESCENT, FILAMENTARY MOLECULAR CLOUD IN G328. Astrophysical Journal, 2014, 782, 72. | 4.5 | 10 |
| 52 | Millimetre-Wave Site Characteristics at the Australia Telescope Compact Array. Publications of the Astronomical Society of Australia, 2014, 31, . | 3.4 | 2 |
| 53 | Methanol maser associated outflows: detection statistics and properties. Monthly Notices of the Royal Astronomical Society, 2014, 444, 566-585. | 4.4 | 41 |
| 54 | Spectral imaging of the central molecular zone in multiple 7-mm molecular lines. Monthly Notices of the Royal Astronomical Society, 2013, 433, 221-234. | 4.4 | 38 |

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|----|--|-----|-----------|
| 55 | Water Vapour Radiometers for the Australia Telescope Compact Array. Publications of the Astronomical Society of Australia, 2013, 30, . | 3.4 | 2 |
| 56 | Aligned grains and inferred toroidal magnetic fields in the envelopes of massive young stellar objects~.... Monthly Notices of the Royal Astronomical Society, 2013, 435, 3419-3436. | 4.4 | 7 |
| 57 | Interstellar gas towards CTB 37A and the TeV gamma-ray source HESS J1714-385. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2188-2201. | 4.4 | 15 |
| 58 | The Mopra Southern Galactic Plane CO Survey. Publications of the Astronomical Society of Australia, 2013, 30, . | 3.4 | 73 |
| 59 | Dense Gas Towards the RX J1713.7â€“3946 Supernova Remnant. Publications of the Astronomical Society of Australia, 2013, 30, . | 3.4 | 18 |
| 60 | The warm ISM in the Sgr A region: mid- <i>J</i> CO, atomic carbon, ionized atomic carbon, and ionized nitrogen line observations with the Herschel/HIFI and NANTEN2/SMART Telescopes. Proceedings of the International Astronomical Union, 2013, 9, 73-74. | 0.0 | 0 |
| 61 | Shock structure and shock heating in the Galactic central molecular zone. Proceedings of the International Astronomical Union, 2013, 9, 104-105. | 0.0 | 1 |
| 62 | Near-Infrared Study of Iron Knots in Cassiopeia A Supernova Remnant. Proceedings of the International Astronomical Union, 2013, 9, 368-369. | 0.0 | 0 |
| 63 | Dense gas towards the RXJ1713.7â€“3946 supernova remnant. , 2012, , . | | 0 |
| 64 | Analysis of the optical-depth-corrected molecular line and diffuse TeV gamma-ray correlation in the Galactic centre. , 2012, , . | | 0 |
| 65 | Water vapour radiometers for the Australia telescope compact array. , 2012, , . | | 1 |
| 66 | Opportunities for Terahertz Facilities on the High Plateau. Proceedings of the International Astronomical Union, 2012, 8, 256-263. | 0.0 | 0 |
| 67 | The SCAR Astronomy & Astrophysics from Antarctica Scientific Research Programme. Proceedings of the International Astronomical Union, 2012, 8, 275-295. | 0.0 | 0 |
| 68 | The Central Molecular Zone with Mopra. Proceedings of the International Astronomical Union, 2012, 8, 75-78. | 0.0 | 0 |
| 69 | The H ₂ O Southern Galactic Plane Survey: NH ₃ (1,1) and (2,2) catalogues. Monthly Notices of the Royal Astronomical Society, 2012, 426, 1972-1991. | 4.4 | 72 |
| 70 | Benghal Dayflower (<i>Commelina benghalensis</i>) Seed Viability in Soil. Weed Science, 2012, 60, 589-592. | 1.5 | 5 |
| 71 | PLATO-R: a new concept for Antarctic science. , 2012, , . | | 1 |
| 72 | IDENTIFICATION OF AMBIENT MOLECULAR CLOUDS ASSOCIATED WITH GALACTIC SUPERNOVA REMNANT IC 443. Astrophysical Journal, 2012, 749, 34. | 4.5 | 32 |

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| 73 | Aâ€¢Spitzer Space Telescopeâ€¢survey of massive young stellar objects in the G333.2â€¢0.4 giant molecular cloud. Monthly Notices of the Royal Astronomical Society, 2012, 419, 211-237. | 4.4 | 17 |
| 74 | Multiline spectral imaging of dense cores in the Lupus molecular cloud. Monthly Notices of the Royal Astronomical Society, 2012, 419, 238-250. | 4.4 | 25 |
| 75 | A 7â€¢mm line survey of the shocked and disrupted molecular gas towards the W28 field TeV gamma-ray sources. Monthly Notices of the Royal Astronomical Society, 2012, 419, 251-266. | 4.4 | 32 |
| 76 | Spectral imaging of the Central Molecular Zone in multiple 3-mm molecular lines. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2961-2986. | 4.4 | 128 |
| 77 | 3 to 12 millimetre studies of dense gas towards the western rim of supernova remnant RXâ€¢J1713.7â€¢3946. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2230-2245. | 4.4 | 31 |
| 78 | The linewidth-size relationship in the dense interstellar medium of the Central Molecular Zone. Monthly Notices of the Royal Astronomical Society, 2012, 425, 720-729. | 4.4 | 115 |
| 79 | 12â€¢mm line survey of the dense molecular gas towards the W28 field TeV gamma-ray sources. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1367-1385. | 4.4 | 25 |
| 80 | EXPLOSIVE OUTFLOWS POWERED BY THE DECAY OF NON-HIERARCHICAL MULTIPLE SYSTEMS OF MASSIVE STARS: ORION BN/KL. Astrophysical Journal, 2011, 727, 113. | 4.5 | 103 |
| 81 | IRAS 15099â€¢5856: REMARKABLE MID-INFRARED SOURCE WITH PROMINENT CRYSTALLINE SILICATE EMISSION EMBEDDED IN THE SUPERNOVA REMNANT MSH15â€¢5<i>2</i>. Astrophysical Journal, 2011, 732, 6. | 4.5 | 11 |
| 82 | MAJOR STRUCTURES OF THE INNER GALAXY DELINEATED BY 6.7 GHz METHANOL MASERS. Astrophysical Journal, 2011, 733, 27. | 4.5 | 57 |
| 83 | Spectral imaging of the Sagittarius B2 region in multiple 7-mm molecular lines. Monthly Notices of the Royal Astronomical Society, 2011, 411, 2293-2310. | 4.4 | 25 |
| 84 | Observations and radiative transfer modelling of a massive dense cold core in G333. Monthly Notices of the Royal Astronomical Society, 2011, 415, 525-533. | 4.4 | 9 |
| 85 | The H2O Southern Galactic Plane Survey (HOPS) - I. Techniques and H2O maser data. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1764-1821. | 4.4 | 163 |
| 86 | Characterisation of the Mopra Radio Telescope at 16â€¢50 GHz. Publications of the Astronomical Society of Australia, 2010, 27, 321-330. | 3.4 | 30 |
| 87 | STAR-FORMING DENSE CLOUD CORES IN THE TeV GAMMA-RAY SNR RX J1713.7â€¢3946. Astrophysical Journal, 2010, 724, 59-68. | 4.5 | 68 |
| 88 | Astronomy in Antarctica. Astronomy and Astrophysics Review, 2010, 18, 417-469. | 25.5 | 41 |
| 89 | Infrared studies of molecular shocks in the supernova remnant HB 21: II. Thermal admixture of shocked H2 gas in the south. Advances in Space Research, 2010, 45, 445-459. | 2.6 | 8 |
| 90 | Multiwavelength observations of the supernova remnant G349.7+0.2 interacting with a molecular cloud. Monthly Notices of the Royal Astronomical Society, 2010, 409, 371-388. | 4.4 | 13 |

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| 91 | Physical characterization of southern massive star-forming regions using Parkes NH ₃ observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2682-2702. | 4.4 | 21 |
| 92 | Mopra line survey mapping of NGC 6334 and I(N) at 3 mm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , . | 4.4 | 3 |
| 93 | Temperature and Density in the Foot Points of the Molecular Loops in the Galactic Center; Analysis of Multi- J Transitions of ^{12}CO ($J = 1\text{--}0$, $3\text{--}2$, $4\text{--}3$, $7\text{--}6$), ^{13}CO ($J = 1\text{--}0$), and C^{18}O ($J = 2\text{--}1$) Tj $\text{H}\alpha$ Q1 1 0 | | |
| 94 | INFRARED STUDIES OF MOLECULAR SHOCKS IN THE SUPERNOVA REMNANT HB21. I. THERMAL ADMIXTURE OF SHOCKED H ₂ GAS IN THE NORTH. <i>Astrophysical Journal</i> , 2009, 693, 1883-1894. | 4.5 | 16 |
| 95 | Multi-generation massive star-formation in NGC 3576. <i>Astronomy and Astrophysics</i> , 2009, 504, 139-159. | 5.1 | 18 |
| 96 | HUBBLE SPACE TELESCOPE NICMOS POLARIZATION OBSERVATIONS OF THREE EDGE-ON MASSIVE YOUNG STELLAR OBJECTS. <i>Astrophysical Journal</i> , 2009, 700, 1488-1501. | 4.5 | 16 |
| 97 | STAR FORMATION IN THE CENTRAL 400 PC OF THE MILKY WAY: EVIDENCE FOR A POPULATION OF MASSIVE YOUNG STELLAR OBJECTS. <i>Astrophysical Journal</i> , 2009, 702, 178-225. | 4.5 | 167 |
| 98 | The Science Case for PILOT I: Summary and Overview. <i>Publications of the Astronomical Society of Australia</i> , 2009, 26, 379-396. | 3.4 | 12 |
| 99 | The 6-GHz multibeam maser survey - I. Techniques. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 783-794. | 4.4 | 141 |
| 100 | Spectral energy distribution modelling of southern candidate massive protostars using the Bayesian inference method. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 768-782. | 4.4 | 17 |
| 101 | Cyanopolyynes in hot cores: modelling G305.2+0.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 221-230. | 4.4 | 37 |
| 102 | Physical and chemical conditions in methanol maser selected hot cores and UCH ii regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 323-339. | 4.4 | 40 |
| 103 | Too large and overlooked? Extended free-free emission towards massive star formation regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 861-877. | 4.4 | 7 |
| 104 | Molecular line mapping of the giant molecular cloud associated with RCW 106 - III. Multimolecular line mapping. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 1021-1042. | 4.4 | 53 |
| 105 | The Statistics and Galactic Properties of the Methanol Multibeam Survey. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 800-800. | 0.0 | 0 |
| 106 | Recent Science from Australian Large-Scale Millimetre Mapping Projects: Proceedings from a Swinburne University Workshop. <i>Publications of the Astronomical Society of Australia</i> , 2009, 26, 110-120. | 3.4 | 3 |
| 107 | The Science Case for PILOT II: the Distant Universe. <i>Publications of the Astronomical Society of Australia</i> , 2009, 26, 397-414. | 3.4 | 6 |
| 108 | The Science Case for PILOT III: the Nearby Universe. <i>Publications of the Astronomical Society of Australia</i> , 2009, 26, 415-438. | 3.4 | 7 |

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| 109 | <i>K_s</i> -band, 2.14- μ m Imaging of Southern Massive Star Formation Regions Traced by Methanol Masers. <i>Publications of the Astronomical Society of Australia</i> , 2009, 26, 439-447. | 3.4 | 7 |
| 110 | Astronomy in Antarctica in 2009. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 614-615. | 0.0 | 0 |
| 111 | DISCOVERY OF THE SECOND WARM CARBON-CHAIN-CHEMISTRY SOURCE, IRAS15398 \approx 3359 IN LUPUS. <i>Astrophysical Journal</i> , 2009, 697, 769-786. | 4.5 | 94 |
| 112 | Radio Observations from Australia of Comet 9P/Tempel 1 for Deep Impact. <i>Globular Clusters - Guides To Galaxies</i> , 2009, , 83-86. | 0.1 | 0 |
| 113 | Root penetration through a high bulk density soil layer: differential response of a crop and weed species. <i>Plant and Soil</i> , 2008, 307, 179-190. | 3.7 | 48 |
| 114 | Multibeam maser survey of methanol and excited OH in the Magellanic Clouds: new detections and maser abundance estimates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 948-956. | 4.4 | 49 |
| 115 | Spectral imaging of the Sagittarius B2 region in multiple 3-mm molecular lines with the Mopra telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 117-137. | 4.4 | 65 |
| 116 | Molecular line mapping of the giant molecular cloud associated with RCW 106 \approx II. Column density and dynamical state of the clumps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1069-1084. | 4.4 | 57 |
| 117 | Centimetre-wave continuum radiation from the ρ Ophiuchi molecular cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 1075-1090. | 4.4 | 71 |
| 118 | Temperature Response of Benghal Dayflower (<i>Commelina benghalensis</i>): Implications for Geographic Range. <i>Weed Science</i> , 2008, 56, 707-713. | 1.5 | 9 |
| 119 | Proposed instrumentation for PILOT. <i>Proceedings of SPIE</i> , 2008, , . | 0.8 | 3 |
| 120 | A Pilot Survey for the H ₂ O Southern Galactic Plane Survey. <i>Publications of the Astronomical Society of Australia</i> , 2008, 25, 105-113. | 3.4 | 33 |
| 121 | A 3-mm molecular line study of the Central Molecular Zone of the Galaxy. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 257-262. | 0.0 | 0 |
| 122 | Star-formation masers in the Magellanic Clouds: A multibeam survey with new detections and maser abundance estimates. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 227-232. | 0.0 | 0 |
| 123 | The RMS survey. <i>Astronomy and Astrophysics</i> , 2008, 487, 253-264. | 5.1 | 61 |
| 124 | The molecular environment of massive star forming cores associated with Class II methanol maser emission. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 125-129. | 0.0 | 0 |
| 125 | Water masers within the G 333.2 \approx 0.6 giant molecular cloud. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 144-145. | 0.0 | 0 |
| 126 | The Methanol Multibeam Survey. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 218-222. | 0.0 | 0 |

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|-----|---|-----|-----------|
| 127 | Profiling young massive stars. Proceedings of the International Astronomical Union, 2007, 3, 120-124. | 0.0 | 0 |
| 128 | A search for propylene oxide and glycine in Sagittarius B2 (LMH) and Orion. Monthly Notices of the Royal Astronomical Society, 2007, 376, 1201-1210. | 4.4 | 88 |
| 129 | A search for 22-GHz water masers within the giant molecular cloud associated with RCW 106. Monthly Notices of the Royal Astronomical Society, 2007, 377, 491-506. | 4.4 | 33 |
| 130 | Multiwavelength observations of southern hot molecular cores traced by methanol masers - I. Ammonia and 24-GHz continuum data. Monthly Notices of the Royal Astronomical Society, 2007, 379, 535-572. | 4.4 | 81 |
| 131 | Embedded stellar populations towards young massive star formation regions â€“ I. G305.2+0.2. Monthly Notices of the Royal Astronomical Society, 2007, 380, 1497-1510. | 4.4 | 14 |
| 132 | Australia Telescope Compact Array 1.2-cm observations of the massive star-forming region G305.2+0.2. Monthly Notices of the Royal Astronomical Society, 2007, 380, 1703-1714. | 4.4 | 7 |
| 133 | Detection of SiO emission from a massive dense cold core. Monthly Notices of the Royal Astronomical Society: Letters, 2007, 381, L30-L34. | 3.3 | 21 |
| 134 | The RMS survey. Astronomy and Astrophysics, 2007, 474, 891-901. | 5.1 | 72 |
| 135 | A Molecular Line Survey of W3(OH) and W3 IRS 5 from 84.7 to 115.6 GHz: Observational Data and Analyses. Astrophysical Journal, Supplement Series, 2006, 162, 161-206. | 7.7 | 23 |
| 136 | Anatomy of the S255â€“S257 complex â€“ triggered high-mass star formation. Proceedings of the International Astronomical Union, 2006, 2, 160-164. | 0.0 | 5 |
| 137 | The Parkes methanol multibeam survey. Proceedings of the International Astronomical Union, 2006, 2, 403-403. | 0.0 | 0 |
| 138 | The Mopra DQS survey of the G333 region. Proceedings of the International Astronomical Union, 2006, 2, 404-404. | 0.0 | 0 |
| 139 | Turbulence in the G333 molecular cloud. Proceedings of the International Astronomical Union, 2006, 2, 429-429. | 0.0 | 0 |
| 140 | Special Session 7 Astronomy in Antarctica. Proceedings of the International Astronomical Union, 2006, 2, 683-685. | 0.0 | 1 |
| 141 | LAPCAT: the Large Antarctic Plateau Clear-Aperture Telescope. , 2006, 6267, 469. | | 6 |
| 142 | Hubble Space Telescope/NICMOS Polarization Measurements of OMCâ€“1. Astrophysical Journal, 2006, 642, 339-353. | 4.5 | 26 |
| 143 | Site testing Dome A, Antarctica. , 2006, 6267, 537. | | 3 |
| 144 | Mopra observations of G305.2+0.2: massive star formation at different evolutionary stages?. Monthly Notices of the Royal Astronomical Society, 2006, 365, 321-326. | 4.4 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
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