

Andrew John Walsh

List of Publications by Year in descending order

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99
papers

4,670
citations

94433

37
h-index

102487

66
g-index

100
all docs

100
docs citations

100
times ranked

2622
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate OH Maser Positions from the SPLASH Survey. III. The Final 96 deg ² . Astrophysical Journal, Supplement Series, 2020, 247, 5.	7.7	10
2	Accurate OH Maser Positions. II. The Galactic Center Region. Astrophysical Journal, Supplement Series, 2018, 239, 15.	7.7	11
3	The Radio Ammonia Mid-plane Survey (RAMPS) Pilot Survey. Astrophysical Journal, Supplement Series, 2018, 237, 27.	7.7	13
4	The Survey of Water and Ammonia in the Galactic Center (SWAG): Molecular Cloud Evolution in the Central Molecular Zone. Astrophysical Journal, 2017, 850, 77.	4.5	71
5	MALT-45: A 7mm survey of the southern Galaxy II. ATCA follow-up observations of 44 GHz class I methanol masers. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3915-3954.	4.4	16
6	Current stage of the ATCA follow-up for SPLASH. Proceedings of the International Astronomical Union, 2017, 13, 295-296.	0.0	0
7	A Face-on Accretion System in High Mass Star-Formation: Possible Dusty Infall Streams within 100 Astronomical Unit. Proceedings of the International Astronomical Union, 2017, 13, 267-270.	0.0	0
8	UNUSUAL SHOCK-EXCITED OH MASER EMISSION IN A YOUNG PLANETARY NEBULA. Astrophysical Journal, 2016, 817, 37.	4.5	18
9	ACCURATE OH MASER POSITIONS FROM THE SPLASH PILOT REGION. Astrophysical Journal, Supplement Series, 2016, 227, 26.	7.7	18
10	Ammonia excitation imaging of shocked gas towards the W28 gamma-ray source HESS J1801-233. Monthly Notices of the Royal Astronomical Society, 2016, 462, 532-546.	4.4	8
11	Ground-state OH maser distributions in the Galactic Centre region. Proceedings of the International Astronomical Union, 2016, 11, 141-142.	0.0	1
12	The chemistry and kinematics of two molecular clouds near Sagittarius A*. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1363-1389.	4.4	0
13	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
14	The Mopra Southern Galactic Plane CO Survey Data Release 1. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	25
15	A Search for High-Mass Stars Forming in Isolation using CORNISH and ATLASGAL. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	3
16	MALT-45: a 7mm 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
17	High Mass Star Formation: Properties of NH ₃ clumps in Southern Galactic Plane. Proceedings of the International Astronomical Union, 2015, 11, .	0.0	0
18	High-mass star-forming cloud G0.38+0.04 in the Galactic center dust ridge contains H ₂ CO and SiO masers. Astronomy and Astrophysics, 2015, 584, L7.	5.1	20

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19	An ATCA survey of Sagittarius B2 at 7Âmm: chemical complexity meets broad-band interferometry. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3969-3993.	4.4	28
20	A CLUSTER IN THE MAKING: ALMA REVEALS THE INITIAL CONDITIONS FOR HIGH-MASS CLUSTER FORMATION. Astrophysical Journal, 2015, 802, 125.	4.5	89
21	FIRST PARALLAX MEASUREMENTS TOWARD A 6.7 GHz METHANOL MASER WITH THE AUSTRALIAN LONG BASELINE ARRAYâ€”DISTANCE TO G 339.884âˆ”1.259.. Astrophysical Journal, 2015, 805, 129.	4.5	29
22	Accurate water maser positions from HOPS. Monthly Notices of the Royal Astronomical Society, 2014, 442, 2240-2252.	4.4	60
23	New detections of HC5N towards hot cores associated with 6.7ÂGHz methanol masers. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2252-2263.	4.4	11
24	TURBULENCE SETS THE INITIAL CONDITIONS FOR STAR FORMATION IN HIGH-PRESSURE ENVIRONMENTS. Astrophysical Journal Letters, 2014, 795, L25.	8.3	87
25	ABSORPTION FILAMENTS TOWARD THE MASSIVE CLUMP G0.253+0.016. Astrophysical Journal, 2014, 795, 28.	4.5	14
26	Molecular line mapping of the giant molecular cloud associated with RCWÂ106 â€” IV. Ammonia towards dust emission. Monthly Notices of the Royal Astronomical Society, 2014, 441, 256-273.	4.4	6
27	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
28	Variations in the Galactic star formation rate and density thresholds for star formation. Monthly Notices of the Royal Astronomical Society, 2013, 429, 987-1000.	4.4	254
29	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
30	Candidate super star cluster progenitor gas clouds possibly triggered by close passage to Sgr A*. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 433, L15-L19.	3.3	104
31	Pilot observations for MALT-45: a Galactic plane survey at 7Âmm. Monthly Notices of the Royal Astronomical Society, 2013, 429, 469-481.	4.4	7
32	GASKAPâ€”The Galactic ASKAP Survey. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	63
33	Characterisation of the MALT90 Survey and the Mopra Telescope at 90 GHz. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	52
34	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
35	The Mopra Southern Galactic Plane CO Survey. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	73
36	Dense Gas Towards the RX J1713.7â€”3946 Supernova Remnant. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	18

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37	MALT90: The Millimetre Astronomy Legacy Team 90 GHz Survey. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	131
38	Dense gas towards the RXJ1713.7â€“3946 supernova remnant. , 2012, , .		0
39	A study of dense molecular gas towards galactic TeV $\hat{3}$ -ray sources. , 2012, , .		1
40	G0.253 + 0.016: A MOLECULAR CLOUD PROGENITOR OF AN ARCHES-LIKE CLUSTER. Astrophysical Journal, 2012, 746, 117.	4.5	138
41	Maser Source-Finding Methods in HOPS. Publications of the Astronomical Society of Australia, 2012, 29, 262-268.	3.4	8
42	New class I methanol masers. Proceedings of the International Astronomical Union, 2012, 8, 433-440.	0.0	9
43	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
44	A 7â€ƒmm 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
45	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
46	3 to 12 millimetre studies of dense gas towards the western rim of supernova remnant RXâ€ƒJ1713.7â€”3946. Monthly Notices of the Royal Astronomical Society, 2012, 422, 2230-2245.	4.4	31
47	12â€ƒmm 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
48	Discovery of the new class I methanol maser transition at 23.4 GHz. Monthly Notices of the Royal Astronomical Society, 2011, 413, 2339-2344.	4.4	18
49	The H ₂ O Southern Galactic Plane Survey (HOPS) - I. Techniques and H ₂ O maser data. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1764-1821.	4.4	163
50	HOPS: The H ₂ O Southern Galactic Plane Survey. EAS Publications Series, 2011, 52, 135-138.	0.3	3
51	The Milky Way Heart: Investigating molecular gas and gamma-ray morphologies in the Central Molecular Zone. , 2011, , .		0
52	Mopra line survey mapping of NGC 6334â€ƒI and I(N) at 3â€ƒmm. Monthly Notices of the Royal Astronomical Society, 2010, , .	4.4	3
53	The earliest phases of high-mass star formation: the NGCâ€”6334-NGCâ€”6357 complex. Astronomy and Astrophysics, 2010, 515, A55.	5.1	65
54	Multi-generation massive star-formation in NGCâ€”3576. Astronomy and Astrophysics, 2009, 504, 139-159.	5.1	18

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55	The 6-GHz multibeam maser survey - I. Techniques. Monthly Notices of the Royal Astronomical Society, 2009, 392, 783-794.	4.4	141
56	Cyanopolyynes in hot cores: modelling G305.2+0.2. Monthly Notices of the Royal Astronomical Society, 2009, 394, 221-230.	4.4	37
57	Physical and chemical conditions in methanol maser selected hot cores and UCH ϵ ii regions. Monthly Notices of the Royal Astronomical Society, 2009, 394, 323-339.	4.4	40
58	Too large and overlooked? Extended free-free emission towards massive star formation regions. Monthly Notices of the Royal Astronomical Society, 2009, 399, 861-877.	4.4	7
59	High-velocity H ₂ O maser emission from the post-asymptotic-giant-branch star OH 009.1-0.4. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 394, L70-L73.	3.3	26
60	HOT HIGH-MASS ACCRETION DISK CANDIDATES. Astrophysical Journal, Supplement Series, 2009, 184, 366-386.	7.7	35
61	The Statistics and Galactic Properties of the Methanol Multibeam Survey. Proceedings of the International Astronomical Union, 2009, 5, 800-800.	0.0	0
62	Recent Science from Australian Large-Scale Millimetre Mapping Projects: Proceedings from a Swinburne University Workshop. Publications of the Astronomical Society of Australia, 2009, 26, 110-120.	3.4	3
63	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
64	Spectral imaging of the Sagittarius B2 region in multiple 3-mm molecular lines with the Mopra telescope. Monthly Notices of the Royal Astronomical Society, 2008, 386, 117-137.	4.4	65
65	A Pilot Survey for the H ₂ O Southern Galactic Plane Survey. Publications of the Astronomical Society of Australia, 2008, 25, 105-113.	3.4	33
66	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
67	Kinematics of a Hot Massive Accretion Disk Candidate. Astrophysical Journal, 2008, 673, L55-L58.	4.5	29
68	ATCA 3 ϵ mm observations of NGC ϵ 6334I and I(N): dense cores, outflows, and an UCH ϵ II region. Astronomy and Astrophysics, 2008, 481, 169-181.	3.1	29
69	The Methanol Multibeam Survey. Proceedings of the International Astronomical Union, 2007, 3, 218-222.	0.0	0
70	Hot ammonia in NGC ϵ 6334I & I(N). Astronomy and Astrophysics, 2007, 466, 989-998.	5.1	42
71	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
72	New ammonia masers towards NGC 6334I. Monthly Notices of the Royal Astronomical Society: Letters, 2007, 382, L35-L38.	3.3	24

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73	A Large-scale Survey of NGC 1333. <i>Astrophysical Journal</i> , 2007, 655, 958-972.	4.5	63
74	The Parkes methanol multibeam survey. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 403-403.	0.0	0
75	Observations of Global and Local Infall in NGC 1333. <i>Astrophysical Journal</i> , 2006, 637, 860-868.	4.5	24
76	Mopra observations of G305.2+0.2: massive star formation at different evolutionary stages?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 365, 321-326.	4.4	16
77	A CH ₃ CN and HCO ⁺ survey towards southern methanol masers associated with star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 553-576.	4.4	110
78	Molecular line mapping of the giant molecular cloud associated with RCW 106 - I. 13CO. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 1609-1628.	4.4	48
79	Millimetre continuum observations of southern massive star formation regions – II. SCUBA observations of cold cores and the dust grain emissivity index (β). <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 1223-1268.	4.4	37
80	Mid-infrared source multiplicity within hot molecular cores traced by methanol masers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 1196-1200.	4.4	31
81	A SCUBA imaging survey of ultracompact HII regions. <i>Astronomy and Astrophysics</i> , 2006, 453, 1003-1026.	5.1	86
82	High Spatial Resolution Observations of NH ₃ and CH ₃ OH toward the Massive Twin Cores NGC 6334I and NGC 6334I(N). <i>Astrophysical Journal</i> , 2005, 627, 834-844.	4.5	32
83	Uncovering the earliest stages of massive star formation. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 157-162.	0.0	2
84	Science Programs for a 2-m Class Telescope at Dome C, Antarctica: PILOT, the Pathfinder for an International Large Optical Telescope. <i>Publications of the Astronomical Society of Australia</i> , 2005, 22, 199-235.	3.4	45
85	Millimetre continuum observations of southern massive star formation regions – I. SIMBA observations of cold cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 363, 405-451.	4.4	125
86	Star-forming protoclusters associated with methanol masers. <i>Astronomy and Astrophysics</i> , 2005, 429, 945-960.	5.1	83
87	Star Formation on the Move?. <i>Astrophysical Journal</i> , 2004, 614, 194-202.	4.5	67
88	Observations of warm dust near methanol masers. <i>Astronomy and Astrophysics</i> , 2003, 410, 597-610.	5.1	71
89	High-resolution Mid-infrared Imaging of G339.88-1.26. <i>Astrophysical Journal</i> , 2002, 564, 327-332.	4.5	20
90	CH ₃ OH and H ₂ O masers in high-mass star-forming regions. <i>Astronomy and Astrophysics</i> , 2002, 390, 289-298.	5.1	146

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91	G305.20+0.21: A very young class II methanol maser source. Symposium - International Astronomical Union, 2002, 206, 155-158.	0.1	0
92	The massive star forming region G323.74 $\hat{~}$ 0.26. Monthly Notices of the Royal Astronomical Society, 2002, 329, 475-480.	4.4	10
93	Evidence for a Developing Gap in a 10 Myr Old Protoplanetary Disk. Astrophysical Journal, 2002, 568, 1008-1016.	4.5	470
94	Mid-infrared observations of methanol maser sites and ultracompact H ii regions: signposts of high-mass star formation. Monthly Notices of the Royal Astronomical Society, 2001, 326, 36-56.	4.4	71
95	Discovery of molecular hydrogen line emission associated with methanol maser emission. Monthly Notices of the Royal Astronomical Society, 2001, 324, 1102-1108.	4.4	16
96	Studies of ultracompact H II regions -- III. Near-infrared survey of selected regions. Monthly Notices of the Royal Astronomical Society, 1999, 309, 905-922.	4.4	58
97	Studies of ultracompact H ii regions - II. High-resolution radio continuum and methanol maser survey. Monthly Notices of the Royal Astronomical Society, 1998, 301, 640-698.	4.4	163
98	VLT Observations of the Young Stellar Object TMR-1. , 0, , 391-398.		0
99	The 6-GHz methanol multibeam maser catalogue - I. Galactic Centre region, longitudes 345 $\hat{~}$ to 6 $\hat{~}$. Monthly Notices of the Royal Astronomical Society, 0, 404, 1029-1060.	4.4	219