Balthasar Indermuehle

List of Publications by Year
in descending order

36 papers	1,287 citations	361413 20 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	2510 citing authors

#	Article	IF	Citations
1	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
2	MALT90: The Millimetre Astronomy Legacy Team 90 GHz Survey. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	131
3	An ultra-wide bandwidth (704 to 4Â032ÂMHz) receiver for the Parkes radio telescope. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	113
4	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
5	The H₂O Southern Galactic Plane Survey: NH₃â€‰(1,1) and (2,2) catalogues. Monthly Notices of the Royal Astronomical Society, 2012, 426, 1972-1991.	4.4	72
6	Centimetre-wave continuum radiation from the Ï•Ophiuchi molecular cloud. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1075-1090.	4.4	71
7	THE THREE-MM ULTIMATE MOPRA MILKY WAY SURVEY. I. SURVEY OVERVIEW, INITIAL DATA RELEASES, AND FIRST RESULTS. Astrophysical Journal, 2015, 812, 6.	4.5	70
8	Molecular gas in the halo fuels the growth of a massive cluster galaxy at high redshift. Science, 2016, 354, 1128-1130.	12.6	67
9	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
10	ASKAP Hâ€‰i imaging of the galaxy group IC 1459. Monthly Notices of the Royal Astronomical Society, 2015, 452, 2680-2691.	4.4	54
11	Characterisation of the MALT90 Survey and the Mopra Telescope at 90 GHz. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	52
12	SUPPLEMENT: â€œLOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914â€•(2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	7.7	44
13	Illuminating the past 8Âbillion years of cold gas towards two gravitationally lensed quasars. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4450-4467.	4.4	31
14	The Mopra Southern Galactic Plane CO Surveyâ€”Data Release 3. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	31
15	Characterisation of the Mopra Radio Telescope at 16â€“50 GHz. Publications of the Astronomical Society of Australia, 2010, 27, 321-330.	3.4	30
16	H2O Southern Galactic Plane Survey (HOPS): Paper III â€“ properties of dense molecular gas across the inner Milky Way. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1462-1490.	4.4	30
17	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
18	An Hâ€‰<scp>i</scp> absorption distance to the black hole candidate X-ray binary MAXI J1535â€“571. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L129-L133.	3.3	26

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19	Connecting X-ray absorption and 21Âcm neutral hydrogen absorption in obscured radio AGN. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2952-2973.	4.4	24
20	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
21	THE THREE-mm ULTIMATE MOPRA MILKY WAY SURVEY. II. CLOUD AND STAR FORMATION NEAR THE FILAMENTARY MINISTARBURST RCW 106. Astrophysical Journal, 2015, 812, 7.	4.5	17
22	The History of Astrophysics in Antarctica. Publications of the Astronomical Society of Australia, 2005, 22, 73-90.	3.4	10
23	The Australian Radio Quiet Zone â€" Western Australia: Objectives, implementation and early measurements. , 2016, , .		10
24	Tracing the neutral gas environments of young radio AGN with ASKAP. Astronomische Nachrichten, 2016, 337, 175-179.	1.2	10
25	Resolved spectral variations of the centimetre-wavelength continuum from the ÏÂOphÂW photodissociation region. Monthly Notices of the Royal Astronomical Society, 2021, 502, 589-600.	4.4	9
26	The radio spectral energy distribution of infrared-faint radio sources. Astronomy and Astrophysics, 2016, 593, A130.	5.1	8
27	THE VELOCITY CENTROID PERIODICITY OF L2 PUPPIS' SiO MASER EMISSION. Astrophysical Journal, 2013, 774, 21.	4.5	7
28	HOPS: The H₂O Southern Galactic Plane Survey. EAS Publications Series, 2011, 52, 135-138.	0.3	3
29	A COMPARISON OF THE VELOCITY PARAMETERS OF SiOv= 1,J= 1-0, andJ= 2-1 MASER EMISSION IN LONG PERIOD VARIABLES. Astronomical Journal, 2013, 145, 131.	4.7	3
30	A phase-dependent comparison of the velocity parameters of SiO vÂ=Â1, J = 1-0 and J = 2-1 maser emission in long-period variables. Monthly Notices of the Royal Astronomical Society, 2014, 441, 3226-3230.	4.4	3
31	A COMPARISON OF THE VELOCITY PARAMETERS OF SIOV= 1,J= 1 â˜ 0, ANDJ= 2 â˜ 1 MASER EMISSION IN SEMIREGULAR VARIABLES. Astronomical Journal, 2015, 149, 100.	4.7	3
32	Water Vapour Radiometers for the Australia Telescope Compact Array. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	2
33	Millimetre-Wave Site Characteristics at the Australia Telescope Compact Array. Publications of the Astronomical Society of Australia, 2014, 31, .	3.4	2
34	RFI mitigation through prediction and avoidance. , 2018, , .		2
35	Remote access and operation of telescopes by the scientific users. Proceedings of SPIE, 2014, , .	0.8	1
36	Using near real-time satellite data for severe weather protection of remote telescope facilities. , 2018, , .		1