

# Balthasar Indermuehle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7889284/publications.pdf>

Version: 2024-02-01

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	Resolved spectral variations of the centimetre-wavelength continuum from the $\text{Oph}$ photodissociation region. Monthly Notices of the Royal Astronomical Society, 2021, 502, 589-600.	4.4	9
2	An ultra-wide bandwidth (704 to 4032 MHz) receiver for the Parkes radio telescope. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	113
3	An $\text{H}\alpha$ absorption distance to the black hole candidate X-ray binary MAXI J1535-571. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L129-L133.	3.3	26
4	The Mopra Southern Galactic Plane CO Survey Data Release 3. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	31
5	RFI mitigation through prediction and avoidance. , 2018, , .		2
6	Using near real-time satellite data for severe weather protection of remote telescope facilities. , 2018, , .		1
7	Connecting X-ray absorption and 21 cm neutral hydrogen absorption in obscured radio AGN. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2952-2973.	4.4	24
8	H <sub>2</sub> O Southern Galactic Plane Survey (HOPS): Paper III properties of dense molecular gas across the inner Milky Way. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1462-1490.	4.4	30
9	Illuminating the past 8 billion years of cold gas towards two gravitationally lensed quasars. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4450-4467.	4.4	31
10	Molecular gas in the halo fuels the growth of a massive cluster galaxy at high redshift. Science, 2016, 354, 1128-1130.	12.6	67
11	The radio spectral energy distribution of infrared-faint radio sources. Astronomy and Astrophysics, 2016, 593, A130.	5.1	8
12	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
13	The Australian Radio Quiet Zone Western Australia: Objectives, implementation and early measurements. , 2016, , .		10
14	Tracing the neutral gas environments of young radio AGN with ASKAP. Astronomische Nachrichten, 2016, 337, 175-179.	1.2	10
15	SUPPLEMENT: LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914 (2016, ApJL, 826, L13). Astrophysical Journal, Supplement Series, 2016, 225, 8.	7.7	44
16	A pilot ASKAP survey of radio transient events in the region around the intermittent pulsar PSR J1107-5907. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3948-3960.	4.4	23
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	Discovery of $\text{H}\alpha$ 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

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19	THE THREE-MM ULTIMATE MOPRA MILKY WAY SURVEY. I. SURVEY OVERVIEW, INITIAL DATA RELEASES, AND FIRST RESULTS. <i>Astrophysical Journal</i> , 2015, 812, 6.	4.5	70
20	THE THREE-mm ULTIMATE MOPRA MILKY WAY SURVEY. II. CLOUD AND STAR FORMATION NEAR THE FILAMENTARY MINISTARBURST RCW 106. <i>Astrophysical Journal</i> , 2015, 812, 7.	4.5	17
21	ASKAP H&#i%oi imaging of the galaxy group IC 1459. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 2680-2691.	4.4	54
22	A COMPARISON OF THE VELOCITY PARAMETERS OF $\text{SiO } v_{\text{LSR}} = 1, v_{\text{LSR}} = 1 \hat{=} 0$ , AND $v_{\text{LSR}} = 2 \hat{=} 1$ MASER EMISSION IN SEMIREGULAR VARIABLES. <i>Astronomical Journal</i> , 2015, 149, 100.	4.7	3
23	Millimetre-Wave Site Characteristics at the Australia Telescope Compact Array. <i>Publications of the Astronomical Society of Australia</i> , 2014, 31, .	3.4	2
24	A phase-dependent comparison of the velocity parameters of $\text{SiO } v_{\text{LSR}} = 1, J = 1-0$ and $J = 2-1$ maser emission in long-period variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 3226-3230.	4.4	3
25	Remote access and operation of telescopes by the scientific users. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
26	Water Vapour Radiometers for the Australia Telescope Compact Array. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	2
27	Characterisation of the MALT90 Survey and the Mopra Telescope at 90 GHz. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	52
28	THE VELOCITY CENTROID PERIODICITY OF L2 PUPPIS' $\text{SiO } v_{\text{LSR}} = 1, J = 1-0$ MASER EMISSION. <i>Astrophysical Journal</i> , 2013, 774, 21.	4.5	7
29	MALT90: The Millimetre Astronomy Legacy Team 90 GHz Survey. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	131
30	A COMPARISON OF THE VELOCITY PARAMETERS OF $\text{SiO } v_{\text{LSR}} = 1, J = 1-0$ , AND $J = 2-1$ MASER EMISSION IN LONG PERIOD VARIABLES. <i>Astronomical Journal</i> , 2013, 145, 131.	4.7	3
31	The $\text{H}_{2\text{O}}$ Southern Galactic Plane Survey: $\text{NH}_{3(1,1)}$ and $(2,2)$ catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1972-1991.	4.4	72
32	The $\text{H}_2\text{O}$ Southern Galactic Plane Survey (HOPS) - I. Techniques and $\text{H}_2\text{O}$ maser data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 1764-1821.	4.4	163
33	HOPS: The $\text{H}_{2\text{O}}$ Southern Galactic Plane Survey. <i>EAS Publications Series</i> , 2011, 52, 135-138.	0.3	3
34	Characterisation of the Mopra Radio Telescope at $16 \hat{=} 50$ GHz. <i>Publications of the Astronomical Society of Australia</i> , 2010, 27, 321-330.	3.4	30
35	Centimetre-wave continuum radiation from the $\rho$ -Ophiuchi molecular cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 1075-1090.	4.4	71
36	The History of Astrophysics in Antarctica. <i>Publications of the Astronomical Society of Australia</i> , 2005, 22, 73-90.	3.4	10