

# Magnus V Persson

## List of Publications by Year in descending order

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27  
papers

2,124  
citations

304743

22  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2451  
citing authors

#	ARTICLE	IF	CITATIONS
1	<code>&lt;tt&gt;astroquery&lt;/tt&gt;</code> : An Astronomical Web-querying Package in Python. <i>Astronomical Journal</i> , 2019, 157, 98.	4.7	405
2	The ALMA Protostellar Interferometric Line Survey (PILS). <i>Astronomy and Astrophysics</i> , 2016, 595, A117.	5.1	267
3	A triple protostar system formed via fragmentation of a gravitationally unstable disk. <i>Nature</i> , 2016, 538, 483-486.	27.8	188
4	The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Orion Protostars. II. A Statistical Characterization of Class 0 and Class I Protostellar Disks. <i>Astrophysical Journal</i> , 2020, 890, 130.	4.5	170
5	The ALMA-PILS survey: First detections of deuterated formamide and deuterated isocyanic acid in the interstellar medium. <i>Astronomy and Astrophysics</i> , 2016, 590, L6.	5.1	106
6	Rotationally-supported disks around Class I sources in Taurus: disk formation constraints. <i>Astronomy and Astrophysics</i> , 2014, 562, A77.	5.1	96
7	Protostellar and cometary detections of organohalogens. <i>Nature Astronomy</i> , 2017, 1, 703-708.	10.1	89
8	A RECENT ACCRETION BURST IN THE LOW-MASS PROTOSTAR IRAS 15398-3359: ALMA IMAGING OF ITS RELATED CHEMISTRY. <i>Astrophysical Journal Letters</i> , 2013, 779, L22.	8.3	85
9	The ALMA-PILS survey: the sulphur connection between protostars and comets: IRAS 16293â€“2422 B and 67P/Churyumovâ€“Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4949-4964.	4.4	74
10	The deuterium fractionation of water on solar-system scales in deeply-embedded low-mass protostars. <i>Astronomy and Astrophysics</i> , 2014, 563, A74.	5.1	59
11	The ALMA-PILS Survey: Formaldehyde deuteration in warm gas on small scales toward IRAS 16293â€“2422 B. <i>Astronomy and Astrophysics</i> , 2018, 610, A54.	5.1	58
12	ALMA observations of the kinematics and chemistry of disc formation. <i>Astronomy and Astrophysics</i> , 2014, 566, A74.	5.1	56
13	Subarcsecond resolution observations of warm water toward three deeply embedded low-mass protostars. <i>Astronomy and Astrophysics</i> , 2012, 541, A39.	5.1	55
14	Warm water deuterium fractionation in IRAS 16293-2422. <i>Astronomy and Astrophysics</i> , 2013, 549, L3.	5.1	51
15	Detection of glycolaldehyde toward the solar-type protostar NGC 1333 IRAS2A. <i>Astronomy and Astrophysics</i> , 2015, 576, A5.	5.1	51
16	Outflows, infall and evolution of a sample of embedded low-mass protostars. <i>Astronomy and Astrophysics</i> , 2017, 600, A99.	5.1	51
17	HIGH D <sub>2</sub> O/HDO RATIO IN THE INNER REGIONS OF THE LOW-MASS PROTOSTAR NGC 1333 IRAS2A. <i>Astrophysical Journal Letters</i> , 2014, 792, L5.	8.3	37
18	Constraining the physical structure of the inner few 100 AU scales of deeply embedded low-mass protostars. <i>Astronomy and Astrophysics</i> , 2016, 590, A33.	5.1	34

#	ARTICLE	IF	CITATIONS
19	Molecular complexity on disc scales uncovered by ALMA. <i>Astronomy and Astrophysics</i> , 2019, 628, A2.	5.1	31
20	Kinematics around the B335 protostar down to au scales. <i>Astronomy and Astrophysics</i> , 2019, 631, A64.	5.1	30
21	Interferometric observations of warm deuterated methanol in the inner regions of low-mass protostars. <i>Astronomy and Astrophysics</i> , 2019, 632, A19.	5.1	28
22	Water around IRAS 15398-3359 observed with ALMA. <i>Astronomy and Astrophysics</i> , 2016, 595, A39.	5.1	26
23	Imaging the water snowline in a protostellar envelope with H <sup>13</sup> CO <sup>+</sup> . <i>Astronomy and Astrophysics</i> , 2018, 613, A29.	5.1	23
24	The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Orion Protostars. I. Identifying and Characterizing the Protostellar Content of the OMC-2 FIR4 and OMC-2 FIR3 Regions. <i>Astrophysical Journal</i> , 2019, 886, 6.	4.5	22
25	Missing water in Class I protostellar disks. <i>Astronomy and Astrophysics</i> , 2020, 636, A26.	5.1	18
26	Tracing the atomic nitrogen abundance in star-forming regions with ammonia deuteration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4994-5005.	4.4	8
27	Feedback of molecular outflows from protostars in NGC 1333 revealed by <i>Herschel</i> and <i>Spitzer</i> spectro-imaging observations. <i>Astronomy and Astrophysics</i> , 2020, 641, A36.	5.1	6