Magnus V Persson

List of Publications by Year
in descending order

27	2,124	304743 22	526287 27
papers	citations	h-index	g-index

27	27	27	2451
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Orion Protostars. II. A Statistical Characterization of Class 0 and Class I Protostellar Disks. Astrophysical Journal, 2020, 890, 130.	4.5	170
2	Missing water in Class I protostellar disks. Astronomy and Astrophysics, 2020, 636, A26.	5.1	18
3	Feedback of molecular outflows from protostars in NGC 1333 revealed by Herschel and Spitzer spectro-imaging observations. Astronomy and Astrophysics, 2020, 641, A36.	5.1	6
4	Molecular complexity on disc scales uncovered by ALMA. Astronomy and Astrophysics, 2019, 628, A2.	5.1	31
5	<tt>astroquery</tt>: An Astronomical Web-querying Package in Python. Astronomical Journal, 2019, 157, 98.	4.7	405
6	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. Astrophysical Journal, 2019, 886, 6.	4.5	22
7	Kinematics around the B335 protostar down to au scales. Astronomy and Astrophysics, 2019, 631, A64.	5.1	30
8	Interferometric observations of warm deuterated methanol in the inner regions of low-mass protostars. Astronomy and Astrophysics, 2019, 632, A19.	5.1	28
9	The ALMA-PILS survey: the sulphur connection between protostars and comets: IRAS 16293â€“2422 B and 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4949-4964.	4.4	74
10	Tracing the atomic nitrogen abundance in star-forming regions with ammonia deuteration. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4994-5005.	4.4	8
11	Imaging the water snowline in a protostellar envelope with H¹³CO⁺. Astronomy and Astrophysics, 2018, 613, A29.	5.1	23
12	The ALMA-PILS Survey: Formaldehyde deuteration in warm gas on small scales toward IRAS 16293â€“2422 B. Astronomy and Astrophysics, 2018, 610, A54.	5.1	58
13	Protostellar and cometary detections of organohalogens. Nature Astronomy, 2017, 1, 703-708.	10.1	89
14	Outflows, infall and evolution of a sample of embedded low-mass protostars. Astronomy and Astrophysics, 2017, 600, A99.	5.1	51
15	Water around IRASâ€‰15398â€“3359 observed with ALMA. Astronomy and Astrophysics, 2016, 595, A39.	5.1	26
16	Constraining the physical structure of the inner few 100 AU scales of deeply embedded low-mass protostars. Astronomy and Astrophysics, 2016, 590, A33.	5.1	34
17	The ALMA Protostellar Interferometric Line Survey (PILS). Astronomy and Astrophysics, 2016, 595, A117.	5.1	267
18	A triple protostar system formed via fragmentation of a gravitationally unstable disk. Nature, 2016, 538, 483-486.	27.8	188

#	Article	IF	Citations
19	The ALMA-PILS survey: First detections of deuterated formamide and deuterated isocyanic acid in the interstellar medium. Astronomy and Astrophysics, 2016, 590, L6.	5.1	106
20	Detection of glycolaldehyde toward the solar-type protostar NGC 1333 IRAS2A. Astronomy and Astrophysics, 2015, 576, A5.	5.1	51
21	HIGH D ₂ O/HDO RATIO IN THE INNER REGIONS OF THE LOW-MASS PROTOSTAR NGC 1333 IRAS2A. Astrophysical Journal Letters, 2014, 792, L5.	8.3	37
22	ALMA observations of the kinematics and chemistry of disc formation. Astronomy and Astrophysics, 2014, 566, A74.	5.1	56
23	Rotationally-supported disks around Class I sources in Taurus: disk formation constraints. Astronomy and Astrophysics, 2014, 562, A77.	5.1	96
24	The deuterium fractionation of water on solar-system scales in deeply-embedded low-mass protostars. Astronomy and Astrophysics, 2014, 563, A74.	5.1	59
25	A RECENT ACCRETION BURST IN THE LOW-MASS PROTOSTAR IRAS 15398-3359: ALMA IMAGING OF ITS RELATED CHEMISTRY. Astrophysical Journal Letters, 2013, 779, L22.	8.3	85
26	Warm water deuterium fractionation in IRASÂ16293-2422. Astronomy and Astrophysics, 2013, 549, L3.	5.1	51
27	Subarcsecond resolution observations of warm water toward three deeply embedded low-mass protostars. Astronomy and Astrophysics, 2012, 541, A39.	5.1	55