

# Loris Magnani

## List of Publications by Year in descending order

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36  
papers

586  
citations

516710

16  
h-index

610901

24  
g-index

36  
all docs

36  
docs citations

36  
times ranked

463  
citing authors

#	ARTICLE	IF	CITATIONS
1	The excitation temperature of the CH 3335-MHz line. Monthly Notices of the Royal Astronomical Society, 2020, 495, 510-524.	4.4	5
2	Dark molecular gas in Pegasus-Pisces. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2281-2289.	4.4	1
3	OH and CO as tracers of molecular gas in MBM 53. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4414-4422.	4.4	4
4	OH 18Åcm observations of the intermediate-velocity molecular cloud G211+63. Monthly Notices of the Royal Astronomical Society, 2018, 480, 3503-3510.	4.4	1
5	Sensitive CO(1-0) survey in Pegasus-Pisces reduces CO-dark gas inventory by a factor of 2. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3169-3176.	4.4	9
6	Surveys for High-Latitude Molecular Clouds. Astrophysics and Space Science Library, 2017, , 227-248.	2.7	0
7	The Diffuse ISM from the Ground: Chemistry and Tracers. Astrophysics and Space Science Library, 2017, , 69-106.	2.7	0
8	Observing the Diffuse ISM: The Space Missions. Astrophysics and Space Science Library, 2017, , 131-153.	2.7	0
9	Distances. Astrophysics and Space Science Library, 2017, , 249-266.	2.7	0
10	A Quick Look at the Diffuse Interstellar Medium. Astrophysics and Space Science Library, 2017, , 1-27.	2.7	0
11	Observing the Diffuse ISM: Making Sense of the Radio Observations. Astrophysics and Space Science Library, 2017, , 107-129.	2.7	0
12	The Relationship Between CO and H <sub>2</sub> . Astrophysics and Space Science Library, 2017, , 205-225.	2.7	0
13	A high-resolution study of the CO-H <sub>2</sub> conversion factor in the diffuse cloud MBM 40. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1152-1160.	4.4	17
14	HYDROXYL AS A TRACER OF H <sub>2</sub> IN THE ENVELOPE OF MBM40. Astronomical Journal, 2012, 144, 163.	4.7	23
15	INTERMEDIATE-VELOCITY MOLECULAR GAS AT HIGH NORTHERN GALACTIC LATITUDES. Astrophysical Journal, 2010, 722, 1685-1690.	4.5	20
16	HIGH-RESOLUTION CH OBSERVATIONS OF TWO TRANSLUCENT MOLECULAR CLOUDS. Astronomical Journal, 2010, 139, 267-278.	4.7	12
17	A High-Latitude Molecular Structure in Pegasus-Pisces. Astronomical Journal, 2006, 132, 1964-1976.	4.7	6
18	CH 3 GHz Observations of the Galactic Center. Astrophysical Journal, 2006, 636, 267-274.	4.5	7

#	ARTICLE	IF	CITATIONS
19	CH 3 GHz Observations of Molecular Clouds along the Galactic Plane. <i>Astronomical Journal</i> , 2005, 130, 2725-2731.	4.7	10
20	Mechanisms for the Origin of Turbulence in Non-star-forming Clouds: The Translucent Cloud MBM 40. <i>Astrophysical Journal</i> , 2003, 593, 413-425.	4.5	18
21	CH, CO, and $E(B-V)$ as Molecular Gas Tracers in a Translucent Cloud. <i>Astrophysical Journal</i> , 2003, 586, 1111-1119.	4.5	22
22	Infrared Properties of Molecular Cirrus. II. Cloud-to-Cloud Variations in Graphite and Polycyclic Aromatic Hydrocarbon Content. <i>Astrophysical Journal</i> , 2000, 536, 831-844.	4.5	12
23	A Survey of High-Latitude Molecular Gas in the Southern Galactic Hemisphere. <i>Astrophysical Journal</i> , 2000, 535, 167-175.	4.5	47
24	A Dynamical Study of the Non-star-forming Translucent Molecular Cloud MBM 16: Evidence for Shear-driven Turbulence in the Interstellar Medium. <i>Astrophysical Journal</i> , 1999, 512, 761-767.	4.5	21
25	A Survey of High-Latitude Molecular Gas in the Northern Galactic Hemisphere. <i>Astrophysical Journal</i> , 1998, 492, 205-212.	4.5	47
26	The Variation of the CO to H <sub>2</sub> Conversion Factor in Two Translucent Clouds. <i>Astrophysical Journal</i> , 1998, 504, 290-299.	4.5	26
27	A Catalog of Molecular Gas at High Galactic Latitudes. <i>Astrophysical Journal</i> , Supplement Series, 1996, 106, 447.	7.7	63
28	A search for T Tauri stars in high-latitude molecular clouds. 2: The IRAS Faint Source Survey catalog. <i>Astrophysical Journal</i> , Supplement Series, 1995, 96, 159.	7.7	34
29	On the nature of 21 CM emission profile structure at high galactic latitude: Implications for the warm neutral medium. <i>Astronomical Journal</i> , 1994, 107, 287.	4.7	19
30	CH as a tracer of a translucent cloud boundary. <i>Astrophysical Journal</i> , 1993, 408, 559.	4.5	16
31	CH in translucent molecular clouds. <i>Lecture Notes in Physics</i> , 1993, , 120-122.	0.7	0
32	CH observations of diffuse molecular clouds. <i>Astrophysical Journal</i> , 1989, 339, 244.	4.5	13
33	The Southern extension of the Taurus molecular clouds. <i>Lecture Notes in Physics</i> , 1988, , 168-170.	0.7	3
34	Molecular abundances in the high-latitude molecular clouds. <i>Astrophysical Journal</i> , 1988, 326, 909.	4.5	33
35	Broad-wing molecular lines without internal energy sources. <i>Astrophysical Journal</i> , 1988, 331, L127.	4.5	22
36	Infrared cirrus and high-latitude molecular clouds. <i>Astrophysical Journal</i> , 1986, 306, L101.	4.5	75