

# Lewis Bg Knee

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,092  
citations

687363

13  
h-index

752698

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and analysis of three Q-band Feed Horns for Radio astronomy applications. , 2020, , .		1
2	Low-Cost Phased Array Feed System for Radio Astronomy and Wide-Angle Scanning Applications. , 2019, , .		1
3	The JCMT Gould Belt Survey: A First Look at the Aurigaâ€œCalifornia Molecular Cloud with SCUBA-2. Astrophysical Journal, 2018, 852, 73.	4.5	7
4	The JCMT Gould Belt Survey: SCUBA-2 Data Reduction Methods and Gaussian Source Recovery Analysis. Astrophysical Journal, Supplement Series, 2018, 238, 8.	7.7	11
5	The Circumstellar Disk and Asymmetric Outflow of the EX Lup Outburst System. Astrophysical Journal, 2018, 859, 111.	4.5	16
6	The JCMT Gould Belt Survey: A First Look at IC 5146. Astrophysical Journal, 2017, 836, 132.	4.5	20
7	The JCMT Gould Belt Survey: a first look at Southern Orion A with SCUBA-2. Monthly Notices of the Royal Astronomical Society, 2016, 461, 4022-4048.	4.4	38
8	THE JCMT GOULD BELT SURVEY: A FIRST LOOK AT DENSE CORES IN ORION B. Astrophysical Journal, 2016, 817, 167.	4.5	31
9	THE JCMT GOULD BELT SURVEY: EVIDENCE FOR DUST GRAIN EVOLUTION IN PERSEUS STAR-FORMING CLUMPS. Astrophysical Journal, 2016, 826, 95.	4.5	40
10	The JCMT Gould Belt Survey: evidence for radiative heating and contamination in the W40 complex. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4150-4175.	4.4	13
11	Coherent Multibeam Arrays Using a Cold Aperture Stop. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 601-610.	3.1	5
12	CryoPAF4: a cryogenic phased array feed design. , 2016, , .		3
13	The JCMT Gould Belt Survey: the effect of molecular contamination in SCUBA-2 observations of Orion A. Monthly Notices of the Royal Astronomical Society, 2016, 457, 2139-2150.	4.4	19
14	The JCMT Gould Belt Survey: first results from the SCUBA-2 observations of the Ophiuchus molecular cloud and a virial analysis of its prestellar core population. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1094-1122.	4.4	114
15	The JCMT Gould Belt Survey: evidence for radiative heating in Serpens MWC 297 and its influence on local star formation. Monthly Notices of the Royal Astronomical Society, 2015, 448, 1551-1573.	4.4	25
16	A HIGH-RESOLUTION STUDY OF THE H I-H <sub>2</sub> TRANSITION ACROSS THE PERSEUS MOLECULAR CLOUD. Astrophysical Journal, 2012, 748, 75.	4.5	68
17	Sequential and spontaneous star formation around the mid-infrared halo H <sub>2</sub> region KR 140. Monthly Notices of the Royal Astronomical Society, 2008, 385, 995-1002.	4.4	13
18	The James Clerk Maxwell Telescope Legacy Survey of Nearby Star-forming Regions in the Gould Belt. Publications of the Astronomical Society of the Pacific, 2007, 119, 855-870.	3.1	134

#	ARTICLE	IF	CITATIONS
19	Intermediate-Velocity Gas in the Canadian Galactic Plane Survey. <i>Astronomical Journal</i> , 2006, 131, 1501-1514.	4.7	4
20	The IRMA Water Vapour Radiometer and its Application to Remote Astronomical Site Testing. , 2006, , .		0
21	An Unusual System of HiFilaments near WR 5 and HD 17603. <i>Astrophysical Journal</i> , 2005, 628, 758-768.	4.5	0
22	Star Formation by Future Millimetre and Radio Interferometers. Symposium - International Astronomical Union, 2004, 221, 461-470.	0.1	0
23	The Canadian Galactic Plane Survey. <i>Astronomical Journal</i> , 2003, 125, 3145-3164.	4.7	462
24	A Peculiar Intermediate-Velocity Hydrogen Cloud near the Galactic Plane. <i>Astronomical Journal</i> , 2001, 122, 3155-3170.	4.7	4
25	A massive cloud of cold atomic hydrogen in the outer Galaxy. <i>Nature</i> , 2001, 412, 308-310.	27.8	37
26	Multiwavelength Monitoring of the BL Lacertae Object PKS 2155 $\hat{\sim}$ 304 in 1994 May. I. The Ground $\hat{\epsilon}$ -based Campaign. <i>Astrophysical Journal</i> , 1997, 486, 770-783.	4.5	26