

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	The Canadian Galactic Plane Survey. <i>Astronomical Journal</i> , 2003, 125, 3145-3164.	4.7	462
2	The James Clerk Maxwell Telescope Legacy Survey of Nearby Star-forming Regions in the Gould Belt. <i>Publications of the Astronomical Society of the Pacific</i> , 2007, 119, 855-870.	3.1	134
3	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. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 1094-1122.	4.4	114
4	A HIGH-RESOLUTION STUDY OF THE H ₂ TRANSITION ACROSS THE PERSEUS MOLECULAR CLOUD. <i>Astrophysical Journal</i> , 2012, 748, 75.	4.5	68
5	THE JCMT GOULD BELT SURVEY: EVIDENCE FOR DUST GRAIN EVOLUTION IN PERSEUS STAR-FORMING CLUMPS. <i>Astrophysical Journal</i> , 2016, 826, 95.	4.5	40
6	The JCMT Gould Belt Survey: a first look at Southern Orion A with SCUBA-2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 4022-4048.	4.4	38
7	A massive cloud of cold atomic hydrogen in the outer Galaxy. <i>Nature</i> , 2001, 412, 308-310.	27.8	37
8	THE JCMT GOULD BELT SURVEY: A FIRST LOOK AT DENSE CORES IN ORION B. <i>Astrophysical Journal</i> , 2016, 817, 167.	4.5	31
9	Multiwavelength Monitoring of the BL Lacertae Object PKS 2155-304 in 1994 May. I. The Ground-based Campaign. <i>Astrophysical Journal</i> , 1997, 486, 770-783.	4.5	26
10	The JCMT Gould Belt Survey: evidence for radiative heating in Serpens MWC 297 and its influence on local star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1551-1573.	4.4	25
11	The JCMT Gould Belt Survey: A First Look at IC 5146. <i>Astrophysical Journal</i> , 2017, 836, 132.	4.5	20
12	The JCMT Gould Belt Survey: the effect of molecular contamination in SCUBA-2 observations of Orion A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2139-2150.	4.4	19
13	The Circumstellar Disk and Asymmetric Outflow of the EX Lup Outburst System. <i>Astrophysical Journal</i> , 2018, 859, 111.	4.5	16
14	Sequential and spontaneous star formation around the mid-infrared halo H ₂ region KR 140. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 995-1002.	4.4	13
15	The JCMT Gould Belt Survey: evidence for radiative heating and contamination in the W40 complex. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 4150-4175.	4.4	13
16	The JCMT Gould Belt Survey: SCUBA-2 Data Reduction Methods and Gaussian Source Recovery Analysis. <i>Astrophysical Journal, Supplement Series</i> , 2018, 238, 8.	7.7	11
17	The JCMT Gould Belt Survey: A First Look at the Auriga California Molecular Cloud with SCUBA-2. <i>Astrophysical Journal</i> , 2018, 852, 73.	4.5	7
18	Coherent Multibeam Arrays Using a Cold Aperture Stop. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2016, 6, 601-610.	3.1	5

#	ARTICLE	IF	CITATIONS
19	A Peculiar Intermediate-Velocity Hydrogen Cloud near the Galactic Plane. <i>Astronomical Journal</i> , 2001, 122, 3155-3170.	4.7	4
20	Intermediate-Velocity Gas in the Canadian Galactic Plane Survey. <i>Astronomical Journal</i> , 2006, 131, 1501-1514.	4.7	4
21	CryoPAF4: a cryogenic phased array feed design. , 2016, , .		3
22	Low-Cost Phased Array Feed System for Radio Astronomy and Wide-Angle Scanning Applications. , 2019, , .		1
23	Design and analysis of three Q-band Feed Horns for Radio astronomy applications. , 2020, , .		1
24	Star Formation by Future Millimetre and Radio Interferometers. Symposium - International Astronomical Union, 2004, 221, 461-470.	0.1	0
25	An Unusual System of HiFilaments near WR 5 and HD 17603. <i>Astrophysical Journal</i> , 2005, 628, 758-768.	4.5	0
26	The IRMA Water Vapour Radiometer and its Application to Remote Astronomical Site Testing. , 2006, , .		0