

Xue-Jian Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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1163117

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#	ARTICLE	IF	CITATIONS
1	Resolved Neutral Carbon Emission in Nearby Galaxies: [C I] Lines as Total Molecular Gas Tracers. <i>Astrophysical Journal</i> , 2019, 880, 133.	4.5	37
2	The MALATANG Survey: The $L_{\text{GAS}} \sim L_{\text{IR}}$ Correlation on Sub-kiloparsec Scale in Six Nearby Star-forming Galaxies as Traced by HCN $J=4 \rightarrow 3$ and $\text{HCO}^+ J=4 \rightarrow 3$. <i>Astrophysical Journal</i> , 2018, 860, 165.	4.5	35
3	JINGLE, a JCMT legacy survey of dust and gas for galaxy evolution studies â€” I. Survey overview and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3497-3519.	4.4	30
4	Dense molecular gas in nearby gas-rich active galaxiesâ€”.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 1753-1763.	4.4	27
5	A Decade of SCUBA-2: A Comprehensive Guide to Calibrating 450 μm and 850 μm Continuum Data at the JCMT. <i>Astronomical Journal</i> , 2021, 162, 191.	4.7	22
6	Discovery of Carbon Monoxide in Distant Comet C/2017 K2 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2021, 914, L17.	8.3	18
7	Estimating the Molecular Gas Mass of Low-redshift Galaxies from a Combination of Mid-infrared Luminosity and Optical Properties. <i>Astrophysical Journal</i> , 2019, 887, 172.	4.5	10
8	HC^3N observations of nearby galaxies. <i>Astronomy and Astrophysics</i> , 2017, 600, A15.	5.1	9
9	The MALATANG survey: dense gas and star formation from high-transition HCN and HCO^+ maps of NGC 253. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1276-1296.	4.4	9
10	The HASHTAG project I. A survey of $\text{CO}(3 \rightarrow 2)$ emission from the star forming disc of M31. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 195-209.	4.4	3
11	Hydrocarbons in Massive Star Forming Regions: C_2H Observations. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, .	0.0	0
12	SIS mixers study on Heterodyne Array Receiver Program (HARP) at JCMT. , 2020, , .		0
13	Commissioning of NÅmakanui on the JCMT. , 2020, , .		0