

Feng Long

List of Publications by Year in descending order

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33
papers

1,670
citations

304743

22
h-index

395702

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34
all docs

34
docs citations

34
times ranked

909
citing authors

#	ARTICLE	IF	CITATIONS
1	Gaps and Rings in an ALMA Survey of Disks in the Taurus Star-forming Region. <i>Astrophysical Journal</i> , 2018, 869, 17.	4.5	337
2	Compact Disks in a High-resolution ALMA Survey of Dust Structures in the Taurus Molecular Cloud. <i>Astrophysical Journal</i> , 2019, 882, 49.	4.5	139
3	Molecules with ALMA at Planet-forming Scales (MAPS). I. Program Overview and Highlights. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 1.	7.7	117
4	The newborn planet population emerging from ring-like structures in discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 453-461.	4.4	102
5	An ALMA Survey of CO Isotopologue Emission from Protoplanetary Disks in Chamaeleon I. <i>Astrophysical Journal</i> , 2017, 844, 99.	4.5	97
6	Molecules with ALMA at Planet-forming Scales (MAPS). V. CO Gas Distributions. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 5.	7.7	87
7	Molecules with ALMA at Planet-forming Scales (MAPS). IV. Emission Surfaces and Vertical Distribution of Molecules. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 4.	7.7	58
8	Molecules with ALMA at Planet-forming Scales (MAPS). III. Characteristics of Radial Chemical Substructures. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 3.	7.7	57
9	Molecules with ALMA at Planet-forming Scales (MAPS). XIV. Revealing Disk Substructures in Multiwavelength Continuum Emission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 14.	7.7	56
10	Ring structure in the MWC 480 disk revealed by ALMA. <i>Astronomy and Astrophysics</i> , 2019, 622, A75.	5.1	55
11	Molecules with ALMA at Planet-forming Scales (MAPS). XVIII. Kinematic Substructures in the Disks of HD 163296 and MWC 480. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 18.	7.7	51
12	Hints for Icy Pebble Migration Feeding an Oxygen-rich Chemistry in the Inner Planet-forming Region of Disks. <i>Astrophysical Journal</i> , 2020, 903, 124.	4.5	47
13	How Do Stars Gain Their Mass? A JCMT/SCUBA-2 Transient Survey of Protostars in Nearby Star-forming Regions. <i>Astrophysical Journal</i> , 2017, 849, 43.	4.5	42
14	Molecules with ALMA at Planet-forming Scales (MAPS). VII. Substellar O/H and C/H and Superstellar C/O in Planet-feeding Gas. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 7.	7.7	40
15	Molecules with ALMA at Planet-forming Scales (MAPS). VI. Distribution of the Small Organics HCN, C ₂ H, and H ₂ CO. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 6.	7.7	37
16	Molecules with ALMA at Planet-forming Scales (MAPS). XIX. Spiral Arms, a Tail, and Diffuse Structures Traced by CO around the GM Aur Disk. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 19.	7.7	33
17	Dual-wavelength ALMA Observations of Dust Rings in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2020, 898, 36.	4.5	30
18	Molecules with ALMA at Planet-forming Scales. XX. The Massive Disk around GM Aurigae. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 20.	7.7	26

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19	Molecules with ALMA at Planet-forming Scales (MAPS). XI. CN and HCN as Tracers of Photochemistry in Disks. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 11.	7.7	25
20	Gas Disk Sizes from CO Line Observations: A Test of Angular Momentum Evolution. <i>Astrophysical Journal</i> , 2022, 931, 6.	4.5	25
21	An ALMA Survey of Faint Disks in the Chamaeleon I Star-forming Region: Why Are Some Class II Disks so Faint?. <i>Astrophysical Journal</i> , 2018, 863, 61.	4.5	23
22	Molecules with ALMA at Planet-forming Scales (MAPS). VIII. CO Gap in AS 209â€™Gas Depletion or Chemical Processing?. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 8.	7.7	22
23	Molecules with ALMA at Planet-forming Scales (MAPS). XV. Tracing Protoplanetary Disk Structure within 20 au. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 15.	7.7	21
24	CO Line Emission Surfaces and Vertical Structure in Midinclination Protoplanetary Disks. <i>Astrophysical Journal</i> , 2022, 932, 114.	4.5	21
25	Molecules with ALMA at Planet-forming Scales (MAPS). XVI. Characterizing the Impact of the Molecular Wind on the Evolution of the HD 163296 System. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 16.	7.7	20
26	Molecules with ALMA at Planet-forming Scales (MAPS). XVII. Determining the 2D Thermal Structure of the HD 163296 Disk. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 17.	7.7	19
27	Is the gap in the DS Tau disc hiding a planet?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1913-1926.	4.4	17
28	Molecules with ALMA at Planet-forming Scales (MAPS). X. Studying Deuteration at High Angular Resolution toward Protoplanetary Disks. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 10.	7.7	15
29	Dynamical Masses and Stellar Evolutionary Model Predictions of M Stars. <i>Astrophysical Journal</i> , 2021, 908, 42.	4.5	14
30	The Architecture of the V892 Tau System: The Binary and Its Circumbinary Disk. <i>Astrophysical Journal</i> , 2021, 915, 131.	4.5	14
31	Exploring HNC and HCN line emission as probes of the protoplanetary disk temperature. <i>Astronomy and Astrophysics</i> , 2021, 647, A118.	5.1	10
32	Disk Evolution Study through Imaging of Nearby Young Stars (DESTINYS): A Panchromatic View of DO Tauâ€™s Complex Kilo-astronomical-unit Environment. <i>Astrophysical Journal</i> , 2022, 930, 171.	4.5	7
33	An Atacama Large Millimeter/submillimeter Array Survey of Chemistry in Disks around M4â€™M5 Stars. <i>Astrophysical Journal</i> , 2021, 911, 150.	4.5	6