

Christopher M Faesi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,282
citations

471509

17
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

920
citing authors

#	ARTICLE	IF	CITATIONS
1	The lifecycle of molecular clouds in nearby star-forming disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2872-2909.	4.4	178
2	PHANGS ALMA: Arcsecond CO(2 \rightarrow 1) Imaging of Nearby Star-forming Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 43.	7.7	161
3	Dynamical Equilibrium in the Molecular ISM in 28 Nearby Star-forming Galaxies. <i>Astrophysical Journal</i> , 2020, 892, 148.	4.5	88
4	Molecular Gas Properties on Cloud Scales across the Local Star-forming Galaxy Population. <i>Astrophysical Journal Letters</i> , 2020, 901, L8.	8.3	85
5	PHANGS ALMA Data Processing and Pipeline. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 19.	7.7	79
6	A 50 pc Scale View of Star Formation Efficiency across NGC 628. <i>Astrophysical Journal Letters</i> , 2018, 863, L21.	8.3	78
7	PHANGS CO Kinematics: Disk Orientations and Rotation Curves at 150 pc Resolution. <i>Astrophysical Journal</i> , 2020, 897, 122.	4.5	77
8	Giant molecular cloud catalogues for PHANGS-ALMA: methods and initial results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1218-1245.	4.4	75
9	Pre-supernova feedback mechanisms drive the destruction of molecular clouds in nearby star-forming disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 272-288.	4.4	65
10	On the duration of the embedded phase of star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 487-509.	4.4	61
11	The Gas Star Formation Cycle in Nearby Star-forming Galaxies. I. Assessment of Multi-scale Variations. <i>Astrophysical Journal</i> , 2019, 887, 49.	4.5	57
12	The ALMA View of GMCs in NGC 300: Physical Properties and Scaling Relations at 10 pc Resolution. <i>Astrophysical Journal</i> , 2018, 857, 19.	4.5	55
13	Low-J CO Line Ratios from Single-dish CO Mapping Surveys and PHANGS-ALMA. <i>Astrophysical Journal</i> , 2022, 927, 149.	4.5	46
14	Stellar Feedback and Resolved Stellar IFU Spectroscopy in the Nearby Spiral Galaxy NGC 300. <i>Astrophysical Journal</i> , 2020, 891, 25.	4.5	35
15	The headlight cloud in NGC 628: An extreme giant molecular cloud in a typical galaxy disk. <i>Astronomy and Astrophysics</i> , 2020, 634, A121.	5.1	32
16	MOLECULAR CLOUD-SCALE STAR FORMATION IN NGC 300. <i>Astrophysical Journal</i> , 2014, 789, 81.	4.5	31
17	The Gas Star Formation Cycle in Nearby Star-forming Galaxies. II. Resolved Distributions of CO and H α Emission for 49 PHANGS Galaxies. <i>Astrophysical Journal</i> , 2022, 927, 9.	4.5	19
18	RESOLVING GIANT MOLECULAR CLOUDS IN NGC 300: A FIRST LOOK WITH THE SUBMILLIMETER ARRAY. <i>Astrophysical Journal</i> , 2016, 821, 125.	4.5	16

#	ARTICLE	IF	CITATIONS
19	Two Orders of Magnitude Variation in the Star Formation Efficiency across the Premerger Galaxy NGC 2276. <i>Astrophysical Journal Letters</i> , 2018, 869, L38.	8.3	16
20	ALMA Observations of Giant Molecular Clouds in the Starburst Dwarf Galaxy Henize 2-10. <i>Astrophysical Journal</i> , 2019, 876, 141.	4.5	11
21	The Organization of Cloud-scale Gas Density Structure: High-resolution CO versus 3.6 $\hat{1}$ / ₄ m Brightness Contrasts in Nearby Galaxies. <i>Astrophysical Journal</i> , 2021, 913, 113.	4.5	10
22	ALMA Observations of the Molecular Clouds in NGC 625. <i>Astrophysical Journal</i> , 2020, 895, 21.	4.5	4
23	Simultaneous Deep Measurements of CO Isotopologues and Dust Emission in Giant Molecular Clouds in the Andromeda Galaxy. <i>Astrophysical Journal</i> , 2021, 912, 68.	4.5	3