

Felipe Alarcón

List of Publications by Year in descending order

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all docs

18
docs citations

18
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	PDRs4All: A JWST Early Release Science Program on Radiative Feedback from Massive Stars. Publications of the Astronomical Society of the Pacific, 2022, 134, 054301.	3.1	26
2	Destruction of Refractory Carbon Grains Drives the Final Stage of Protoplanetary Disk Chemistry. Astrophysical Journal, 2021, 910, 3.	4.5	15
3	Molecules with ALMA at Planet-forming Scales (MAPS). VII. Substellar O/H and C/H and Superstellar C/O in Planet-feeding Gas. Astrophysical Journal, Supplement Series, 2021, 257, 7.	7.7	40
4	Molecules with ALMA at Planet-forming Scales (MAPS). IV. Emission Surfaces and Vertical Distribution of Molecules. Astrophysical Journal, Supplement Series, 2021, 257, 4.	7.7	58
5	Molecules with ALMA at Planet-forming Scales (MAPS). XVII. Determining the 2D Thermal Structure of the HD 163296 Disk. Astrophysical Journal, Supplement Series, 2021, 257, 17.	7.7	19
6	Molecules with ALMA at Planet-forming Scales (MAPS). I. Program Overview and Highlights. Astrophysical Journal, Supplement Series, 2021, 257, 1.	7.7	117
7	Molecules with ALMA at Planet-forming Scales (MAPS). VI. Distribution of the Small Organics HCN, C ₂ H, and H ₂ CO. Astrophysical Journal, Supplement Series, 2021, 257, 6.	7.7	37
8	Molecules with ALMA at Planet-forming Scales (MAPS). V. CO Gas Distributions. Astrophysical Journal, Supplement Series, 2021, 257, 5.	7.7	87
9	Molecules with ALMA at Planet-forming Scales (MAPS). III. Characteristics of Radial Chemical Substructures. Astrophysical Journal, Supplement Series, 2021, 257, 3.	7.7	57
10	Molecules with ALMA at Planet-forming Scales (MAPS). XV. Tracing Protoplanetary Disk Structure within 20 au. Astrophysical Journal, Supplement Series, 2021, 257, 15.	7.7	21
11	Molecules with ALMA at Planet-forming Scales (MAPS). VIII. CO Gap in AS 209 – Gas Depletion or Chemical Processing?. Astrophysical Journal, Supplement Series, 2021, 257, 8.	7.7	22
12	Molecules with ALMA at Planet-forming Scales. XX. The Massive Disk around GM Aurigae. Astrophysical Journal, Supplement Series, 2021, 257, 20.	7.7	26
13	Long Baseline Observations of the HD 100546 Protoplanetary Disk with ALMA. Astrophysical Journal Letters, 2020, 889, L24.	8.3	42
14	Chemical Evolution in a Protoplanetary Disk within Planet Carved Gaps and Dust Rings. Astrophysical Journal, 2020, 905, 68.	4.5	21
15	Dust traps in the protoplanetary disc MWC 758: two vortices produced by two giant planets?. Monthly Notices of the Royal Astronomical Society, 2019, 486, 304-319.	4.4	46
16	Cm-wavelength observations of MWC 758: resolved dust trapping in a vortex. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3278-3287.	4.4	20
17	An inner warp in the DoAr 44 T Tauri transition disc. Monthly Notices of the Royal Astronomical Society, 2018, 477, 5104-5114.	4.4	70