

Felipe Alarcón

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

724
citations

516710

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888059

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18
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docs citations

18
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Molecules with ALMA at Planet-forming Scales (MAPS). V. CO Gas Distributions. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 5.	7.7	87
3	An inner warp in the DoAr 44 T Tauri transition disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 5104-5114.	4.4	70
4	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
5	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
6	Dust traps in the protoplanetary disc MWC 758: two vortices produced by two giant planets?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 304-319.	4.4	46
7	Long Baseline Observations of the HD 100546 Protoplanetary Disk with ALMA. <i>Astrophysical Journal Letters</i> , 2020, 889, L24.	8.3	42
8	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
9	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
10	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
11	PDRs4All: A JWST Early Release Science Program on Radiative Feedback from Massive Stars. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 054301.	3.1	26
12	Molecules with ALMA at Planet-forming Scales (MAPS). VIII. CO Gap in AS 209's Gas Depletion or Chemical Processing?. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 8.	7.7	22
13	Chemical Evolution in a Protoplanetary Disk within Planet Carved Gaps and Dust Rings. <i>Astrophysical Journal</i> , 2020, 905, 68.	4.5	21
14	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
15	Cm-wavelength observations of MWC 758: resolved dust trapping in a vortex. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3278-3287.	4.4	20
16	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
17	Destruction of Refractory Carbon Grains Drives the Final Stage of Protoplanetary Disk Chemistry. <i>Astrophysical Journal</i> , 2021, 910, 3.	4.5	15