

Anibal Sierra Morales

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

877
citations

567281

15
h-index

839539

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g-index

19
all docs

19
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19
times ranked

550
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	A Circumplanetary Disk around PDS70c. <i>Astrophysical Journal Letters</i> , 2021, 916, L2.	8.3	114
3	The Radial Distribution of Dust Particles in the HL Tau Disk from ALMA and VLA Observations. <i>Astrophysical Journal</i> , 2019, 883, 71.	4.5	97
4	Molecules with ALMA at Planet-forming Scales (MAPS). V. CO Gas Distributions. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 5.	7.7	87
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	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
7	Imaging a Central Ionized Component, a Narrow Ring, and the CO Snowline in the Multigapped Disk of HD 169142. <i>Astrophysical Journal</i> , 2017, 838, 97.	4.5	52
8	A Highly Settled Disk around Oph163131. <i>Astrophysical Journal</i> , 2022, 930, 11.	4.5	52
9	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
10	Dust Concentration and Emission in Protoplanetary Disks Vortices. <i>Astrophysical Journal</i> , 2017, 850, 115.	4.5	38
11	Spiral Arms and a Massive Dust Disk with Non-Keplerian Kinematics: Possible Evidence for Gravitational Instability in the Disk of Elias 27. <i>Astrophysical Journal</i> , 2021, 914, 88.	4.5	38
12	Effects of Scattering, Temperature Gradients, and Settling on the Derived Dust Properties of Observed Protoplanetary Disks. <i>Astrophysical Journal</i> , 2020, 892, 136.	4.5	28
13	An Analytical Model of Radial Dust Trapping in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2019, 876, 7.	4.5	25
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	Impact of Differential Dust Settling on the SED and Polarization: Application to the Inner Region of the HL Tau Disk. <i>Astrophysical Journal</i> , 2021, 913, 117.	4.5	15
17	The Characterization of the Dust Content in the Ring Around Sz 91: Indications of Planetesimal Formation?. <i>Astrophysical Journal</i> , 2021, 923, 128.	4.5	6
18	Exploring the Grain Properties in the Disk of HL Tau with an Evolutionary Model. <i>Astrophysical Journal</i> , 2019, 887, 244.	4.5	3