

Enrique MacÃ- as

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

980
citations

394421

19
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1048
citing authors

#	ARTICLE	IF	CITATIONS
1	THE VLA VIEW OF THE HL TAU DISK: DISK MASS, GRAIN EVOLUTION, AND EARLY PLANET FORMATION. <i>Astrophysical Journal Letters</i> , 2016, 821, L16.	8.3	111
2	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
3	IMAGING THE INNER AND OUTER GAPS OF THE PRE-TRANSITIONAL DISK OF HD 169142 AT 7 mm. <i>Astrophysical Journal Letters</i> , 2014, 791, L36.	8.3	83
4	ALMA Discovery of Dust Belts around Proxima Centauri. <i>Astrophysical Journal Letters</i> , 2017, 850, L6.	8.3	59
5	A Multifrequency ALMA Characterization of Substructures in the GM Aur Protoplanetary Disk. <i>Astrophysical Journal</i> , 2020, 891, 48.	4.5	54
6	Characterizing the dust content of disk substructures in TW Hydrae. <i>Astronomy and Astrophysics</i> , 2021, 648, A33.	5.1	53
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	Far-infrared to Millimeter Data of Protoplanetary Disks: Dust Growth in the Taurus, Ophiuchus, and Chamaeleon I Star-forming Regions. <i>Astrophysical Journal</i> , 2017, 849, 63.	4.5	43
9	Multiple Rings in the Transitional Disk of GM Aurigae Revealed by VLA and ALMA. <i>Astrophysical Journal</i> , 2018, 865, 37.	4.5	40
10	Characterization of Ring Substructures in the Protoplanetary Disk of HD 169142 from Multiwavelength Atacama Large Millimeter/submillimeter Array Observations. <i>Astrophysical Journal</i> , 2019, 881, 159.	4.5	35
11	AN IONIZED OUTFLOW FROM AB AUR, A HERBIG AE STAR WITH A TRANSITIONAL DISK. <i>Astrophysical Journal Letters</i> , 2014, 793, L21.	8.3	29
12	IMAGING THE PHOTOEVAPORATING DISK AND RADIO JET OF GM AUR. <i>Astrophysical Journal</i> , 2016, 829, 1.	4.5	28
13	FIRST SCIENCE OBSERVATIONS WITH SOFIA/FORCAST: PROPERTIES OF INTERMEDIATE-LUMINOSITY PROTOSTARS AND CIRCUMSTELLAR DISKS IN OMC-2. <i>Astrophysical Journal Letters</i> , 2012, 749, L24.	8.3	26
14	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
15	An Analytical Model of Radial Dust Trapping in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2019, 876, 7.	4.5	25
16	Modeling protoplanetary disk SEDs with artificial neural networks. <i>Astronomy and Astrophysics</i> , 2020, 642, A171.	5.1	25
17	An ALMA Survey of Protoplanetary Disks in Lynds 1641. <i>Astrophysical Journal</i> , 2021, 913, 123.	4.5	23
18	Binary-induced spiral arms inside the disc cavity of AB Aurigae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2362-2371.	4.4	22

#	ARTICLE	IF	CITATIONS
19	A Coplanar Circumbinary Protoplanetary Disk in the TWA 3 Triple M Dwarf System. <i>Astrophysical Journal</i> , 2021, 912, 6.	4.5	21
20	Modeling the Accretion Disk around the High-mass Protostar GGD 27-MM1. <i>Astrophysical Journal</i> , 2020, 888, 41.	4.5	19
21	A DWARF TRANSITIONAL PROTOPLANETARY DISK AROUND XZ TAU B. <i>Astrophysical Journal Letters</i> , 2016, 825, L10.	8.3	18
22	Herschel PACS Observations of 4â€“10 Myr Old Classical T Tauri Stars in Orion OB1. <i>Astrophysical Journal</i> , 2018, 859, 1.	4.5	14
23	A Cavity of Large Grains in the Disk around the Group II Herbig Ae/Be Star HD 142666. <i>Astrophysical Journal</i> , 2018, 860, 7.	4.5	13
24	The Physical Properties of the SVS 13 Protobinary System: Two Circumstellar Disks and a Spiraling Circumbinary Disk in the Making. <i>Astrophysical Journal</i> , 2022, 930, 91.	4.5	13
25	Long-lived Protoplanetary Disks in Multiple Systems: The VLA View of HD 98800. <i>Astrophysical Journal</i> , 2018, 865, 77.	4.5	12
26	Revealing the Starâ€“Diskâ€“Jet Connection in GM Aur Using Multiwavelength Variability. <i>Astrophysical Journal Letters</i> , 2019, 877, L34.	8.3	11
27	Modeling the Protoplanetary Disks of Two Brown Dwarfs in the Taurus Molecular Cloud. <i>Astrophysical Journal</i> , 2019, 878, 103.	4.5	9
28	Testing the Potential for Radio Variability in Disks around T Tauri Stars with Observations and Chemical Modeling. <i>Astrophysical Journal</i> , 2022, 924, 104.	4.5	6
29	The protoplanetary disc around HD 169142: circumstellar or circumbinary?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 205-215.	4.4	6
30	A Study of Millimeter Variability in FUor Objects. <i>Astrophysical Journal</i> , 2020, 897, 54.	4.5	4
31	Update on the Systematics in the ALMA Proposal Review Process After Cycle 8. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 045001.	3.1	2