

David J Wilner

List of Publications by Year in descending order

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203
papers

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14614

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207
docs citations

207
times ranked

4450
citing authors

#	ARTICLE	IF	CITATIONS
1	The Disk Substructures at High Angular Resolution Project (DSHARP). I. Motivation, Sample, Calibration, and Overview. <i>Astrophysical Journal Letters</i> , 2018, 869, L41.	3.0	732
2	RESOLVED IMAGES OF LARGE CAVITIES IN PROTOPLANETARY TRANSITION DISKS. <i>Astrophysical Journal</i> , 2011, 732, 42.	1.6	538
3	THE MASS DEPENDENCE BETWEEN PROTOPLANETARY DISKS AND THEIR STELLAR HOSTS. <i>Astrophysical Journal</i> , 2013, 771, 129.	1.6	527
4	Evidence for a Developing Gap in a 10 Myr Old Protoplanetary Disk. <i>Astrophysical Journal</i> , 2002, 568, 1008-1016.	1.6	470
5	RINGED SUBSTRUCTURE AND A GAP AT 1 au IN THE NEAREST PROTOPLANETARY DISK. <i>Astrophysical Journal Letters</i> , 2016, 820, L40.	3.0	418
6	The Disk Substructures at High Angular Resolution Project (DSHARP). II. Characteristics of Annular Substructures. <i>Astrophysical Journal Letters</i> , 2018, 869, L42.	3.0	326
7	Flows of gas through a protoplanetary gap. <i>Nature</i> , 2013, 493, 191-194.	13.7	304
8	The Disk Substructures at High Angular Resolution Project (DSHARP). VII. The Planetâ€œDisk Interactions Interpretation. <i>Astrophysical Journal Letters</i> , 2018, 869, L47.	3.0	289
9	Imaging of the CO Snow Line in a Solar Nebula Analog. <i>Science</i> , 2013, 341, 630-632.	6.0	252
10	Spiral density waves in a young protoplanetary disk. <i>Science</i> , 2016, 353, 1519-1521.	6.0	251
11	The Disk Substructures at High Angular Resolution Project (DSHARP). VI. Dust Trapping in Thin-ringed Protoplanetary Disks. <i>Astrophysical Journal Letters</i> , 2018, 869, L46.	3.0	250
12	THE TW Hya DISK AT 870 μ m: COMPARISON OF CO AND DUST RADIAL STRUCTURES. <i>Astrophysical Journal</i> , 2012, 744, 162.	1.6	230
13	PROSAC: A Submillimeter Array Survey of Lowâ€œMass Protostars. I. Overview of Program: Envelopes, Disks, Outflows, and Hot Cores. <i>Astrophysical Journal</i> , 2007, 659, 479-498.	1.6	221
14	WEAK TURBULENCE IN THE HD 163296 PROTOPLANETARY DISK REVEALED BY ALMA CO OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 813, 99.	1.6	208
15	A Three-dimensional View of Turbulence: Constraints on Turbulent Motions in the HD 163296 Protoplanetary Disk Using DCO ⁺ . <i>Astrophysical Journal</i> , 2017, 843, 150.	1.6	208
16	The Disk Substructures at High Angular Resolution Project (DSHARP). V. Interpreting ALMA Maps of Protoplanetary Disks in Terms of a Dust Model. <i>Astrophysical Journal Letters</i> , 2018, 869, L45.	3.0	199
17	CONSTRAINTS ON THE RADIAL VARIATION OF GRAIN GROWTH IN THE AS 209 CIRCUMSTELLAR DISK. <i>Astrophysical Journal Letters</i> , 2012, 760, L17.	3.0	192
18	The comet-like composition of a protoplanetary disk as revealed by complex cyanides. <i>Nature</i> , 2015, 520, 198-201.	13.7	192

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19	Imaging the Disk around TW Hydrae with the Submillimeter Array. <i>Astrophysical Journal</i> , 2004, 616, L11-L14.	1.6	166
20	A SPATIALLY RESOLVED INNER HOLE IN THE DISK AROUND GM AURIGAE. <i>Astrophysical Journal</i> , 2009, 698, 131-142.	1.6	163
21	A SPATIALLY RESOLVED VERTICAL TEMPERATURE GRADIENT IN THE HD 163296 DISK. <i>Astrophysical Journal</i> , 2013, 774, 16.	1.6	157
22	A millimeter Continuum Size–Luminosity Relationship for Protoplanetary Disks. <i>Astrophysical Journal</i> , 2017, 845, 44.	1.6	150
23	One Solution to the Mass Budget Problem for Planet Formation: Optically Thick Disks with Dust Scattering. <i>Astrophysical Journal Letters</i> , 2019, 877, L18.	3.0	150
24	Turbulence in the TW Hya Disk. <i>Astrophysical Journal</i> , 2018, 856, 117.	1.6	149
25	ASTEROID BELTS IN DEBRIS DISK TWINS: VEGA AND FOMALHAUT. <i>Astrophysical Journal</i> , 2013, 763, 118.	1.6	145
26	A RESOLVED CENSUS OF MILLIMETER EMISSION FROM TAURUS MULTIPLE STAR SYSTEMS. <i>Astrophysical Journal</i> , 2012, 751, 115.	1.6	143
27	EMPIRICAL CONSTRAINTS ON TURBULENCE IN PROTOPLANETARY ACCRETION DISKS. <i>Astrophysical Journal</i> , 2011, 727, 85.	1.6	140
28	THE COUPLED PHYSICAL STRUCTURE OF GAS AND DUST IN THE IM Lup PROTOPLANETARY DISK. <i>Astrophysical Journal</i> , 2016, 832, 110.	1.6	130
29	THE DISK IMAGING SURVEY OF CHEMISTRY WITH SMA. I. TAURUS PROTOPLANETARY DISK DATA. <i>Astrophysical Journal</i> , 2010, 720, 480-493.	1.6	128
30	DISK IMAGING SURVEY OF CHEMISTRY WITH SMA. II. SOUTHERN SKY PROTOPLANETARY DISK DATA AND FULL SAMPLE STATISTICS. <i>Astrophysical Journal</i> , 2011, 734, 98.	1.6	128
31	CO and Dust Properties in the TW Hya Disk from High-resolution ALMA Observations. <i>Astrophysical Journal</i> , 2018, 852, 122.	1.6	127
32	The Eccentric Cavity, Triple Rings, Two-armed Spirals, and Double Clumps of the MWC 758 Disk. <i>Astrophysical Journal</i> , 2018, 860, 124.	1.6	126
33	The Disk Substructures at High Angular Resolution Project (DSHARP). III. Spiral Structures in the Millimeter Continuum of the Elias 27, IM Lup, and WaOph 6 Disks. <i>Astrophysical Journal Letters</i> , 2018, 869, L43.	3.0	121
34	Probing the Inner 200 AU of Low-Mass Protostars with the Submillimeter Array: Dust and Organic Molecules in NGC 1333 IRAS 2A. <i>Astrophysical Journal</i> , 2005, 632, 973-981.	1.6	120
35	Molecules with ALMA at Planet-forming Scales (MAPS). I. Program Overview and Highlights. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 1.	3.0	117
36	Submillimeter Array Imaging of the CO(3–2) Line and 860 μ m Continuum of Arp 220: Tracing the Spatial Distribution of Luminosity. <i>Astrophysical Journal</i> , 2008, 684, 957-977.	1.6	114

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37	The Disk Substructures at High Angular Resolution Project (DSHARP). IX. A High-definition Study of the HD 163296 Planet-forming Disk. <i>Astrophysical Journal Letters</i> , 2018, 869, L49.	3.0	114
38	MILLIMETER IMAGING OF MWC 758: PROBING THE DISK STRUCTURE AND KINEMATICS. <i>Astrophysical Journal</i> , 2010, 725, 1735-1741.	1.6	111
39	RESOLVING THE CO SNOW LINE IN THE DISK AROUND HD 163296. <i>Astrophysical Journal</i> , 2011, 740, 84.	1.6	111
40	CHEMICAL IMAGING OF THE CO SNOW LINE IN THE HD 163296 DISK. <i>Astrophysical Journal</i> , 2015, 813, 128.	1.6	111
41	Detection of Exocometary CO within the 440 Myr Old Fomalhaut Belt: A Similar CO+CO ₂ Ice Abundance in Exocomets and Solar System Comets. <i>Astrophysical Journal</i> , 2017, 842, 9.	1.6	109
42	Resolving the Chemistry in the Disk of TW Hydrae. I. Deuterated Species. <i>Astrophysical Journal</i> , 2008, 681, 1396-1407.	1.6	107
43	SONS: The JCMT legacy survey of debris discs in the submillimetre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 3606-3663.	1.6	106
44	Scaling Relations Associated with Millimeter Continuum Sizes in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2018, 865, 157.	1.6	103
45	Measuring Turbulent Motion in Planet-forming Disks with ALMA: A Detection around DM Tau and Nondetections around MWC 480 and V4046 Sgr. <i>Astrophysical Journal</i> , 2020, 895, 109.	1.6	103
46	VIBRATIONALLY EXCITED HCN IN THE LUMINOUS INFRARED GALAXY NGC 4418. <i>Astrophysical Journal Letters</i> , 2010, 725, L228-L233.	3.0	100
47	GRAIN GROWTH IN THE CIRCUMSTELLAR DISKS OF THE YOUNG STARS CY Tau AND DoAr 25. <i>Astrophysical Journal</i> , 2015, 813, 41.	1.6	100
48	A Complete ALMA Map of the Fomalhaut Debris Disk. <i>Astrophysical Journal</i> , 2017, 842, 8.	1.6	89
49	An ALMA Survey of DCN/H ¹³ CN and DCO ⁺ /H ¹³ CO ⁺ in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2017, 835, 231.	1.6	87
50	Molecules with ALMA at Planet-forming Scales (MAPS). V. CO Gas Distributions. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 5.	3.0	87
51	The Disk Substructures at High Angular Resolution Project (DSHARP). IV. Characterizing Substructures and Interactions in Disks around Multiple Star Systems. <i>Astrophysical Journal Letters</i> , 2018, 869, L44.	3.0	86
52	P CYGNI PROFILES OF MOLECULAR LINES TOWARD ARP 220 NUCLEI. <i>Astrophysical Journal</i> , 2009, 700, L104-L108.	1.6	84
53	MILLIMETER EMISSION STRUCTURE IN THE FIRST ALMA IMAGE OF THE AU Mic DEBRIS DISK. <i>Astrophysical Journal Letters</i> , 2013, 762, L21.	3.0	84
54	RESOLVED SUBMILLIMETER OBSERVATIONS OF THE HR 8799 AND HD 107146 DEBRIS DISKS. <i>Astrophysical Journal</i> , 2011, 740, 38.	1.6	83

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55	KINEMATICS OF THE CO GAS IN THE INNER REGIONS OF THE TW Hya DISK. <i>Astrophysical Journal</i> , 2012, 757, 129.	1.6	83
56	THE STRUCTURE OF THE EVOLVED CIRCUMBINARY DISK AROUND V4046 Sgr. <i>Astrophysical Journal</i> , 2013, 775, 136.	1.6	83
57	DOUBLE DCO ⁺ RINGS REVEAL CO ICE DESORPTION IN THE OUTER DISK AROUND IM LUP. <i>Astrophysical Journal</i> , 2015, 810, 112.	1.6	83
58	CO J = 6-5 Observations of TW Hydrae with the Submillimeter Array. <i>Astrophysical Journal</i> , 2006, 636, L157-L160.	1.6	82
59	H ₂ CO AND N ₂ H ⁺ IN PROTOPLANETARY DISKS: EVIDENCE FOR A CO-ICE REGULATED CHEMISTRY. <i>Astrophysical Journal</i> , 2013, 765, 34.	1.6	81
60	A CLOSER LOOK AT THE LkCa 15 PROTOPLANETARY DISK. <i>Astrophysical Journal Letters</i> , 2011, 742, L5.	3.0	80
61	CONSTRAINTS ON PLANETESIMAL COLLISION MODELS IN DEBRIS DISKS. <i>Astrophysical Journal</i> , 2016, 823, 79.	1.6	79
62	MODELING THE RESOLVED DISK AROUND THE CLASS 0 PROTOSTAR L1527. <i>Astrophysical Journal</i> , 2013, 771, 48.	1.6	77
63	Distributed Star Formation throughout the Galactic Center Cloud Sgr B2. <i>Astrophysical Journal</i> , 2018, 853, 171.	1.6	74
64	A dusty star-forming galaxy at $z = 6$ revealed by strong gravitational lensing. <i>Nature Astronomy</i> , 2018, 2, 56-62.	4.2	74
65	SUBMILLIMETER INTERFEROMETRY OF THE LUMINOUS INFRARED GALAXY NGC 4418: A HIDDEN HOT NUCLEUS WITH AN INFLOW AND AN OUTFLOW. <i>Astrophysical Journal</i> , 2013, 764, 42.	1.6	72
66	ALMA Observations of Polarization from Dust Scattering in the IM Lup Protoplanetary Disk. <i>Astrophysical Journal</i> , 2018, 860, 82.	1.6	71
67	Radial Surface Density Profiles of Gas and Dust in the Debris Disk around 49 Ceti. <i>Astrophysical Journal</i> , 2017, 839, 86.	1.6	70
68	The Disk Substructures at High Angular Resolution Project (DSHARP). X. Multiple Rings, a Misaligned Inner Disk, and a Bright Arc in the Disk around the T Tauri star HD 143006. <i>Astrophysical Journal Letters</i> , 2018, 869, L50.	3.0	69
69	Constraining Gas-phase Carbon, Oxygen, and Nitrogen in the IM Lup Protoplanetary Disk. <i>Astrophysical Journal</i> , 2018, 865, 155.	1.6	69
70	The Degree of Alignment between Circumbinary Disks and Their Binary Hosts. <i>Astrophysical Journal</i> , 2019, 883, 22.	1.6	69
71	FIRST DETECTION OF C^{18}O H_2 IN A CIRCUMSTELLAR DISK. <i>Astrophysical Journal Letters</i> , 2013, 765, L14.	3.0	68
72	Polarized Disk Emission from Herbig Ae/Be Stars Observed Using Gemini Planet Imager: HD 144432, HD 150193, HD 163296, and HD 169142. <i>Astrophysical Journal</i> , 2017, 838, 20.	1.6	66

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73	An Empirical Planetesimal Belt Radiusâ€“Stellar Luminosity Relation. <i>Astrophysical Journal</i> , 2018, 859, 72.	1.6	66
74	A triple-star system with a misaligned and warped circumstellar disk shaped by disk tearing. <i>Science</i> , 2020, 369, 1233-1238.	6.0	63
75	Detection of a Millimeter Flare from Proxima Centauri. <i>Astrophysical Journal Letters</i> , 2018, 855, L2.	3.0	62
76	A DISK-BASED DYNAMICAL MASS ESTIMATE FOR THE YOUNG BINARY V4046 Sgr. <i>Astrophysical Journal</i> , 2012, 759, 119.	1.6	61
77	ALMA MEASUREMENTS OF CIRCUMSTELLAR MATERIAL IN THE GQ LUP SYSTEM. <i>Astrophysical Journal</i> , 2017, 835, 17.	1.6	59
78	A circumbinary protoplanetary disk in a polar configuration. <i>Nature Astronomy</i> , 2019, 3, 230-235.	4.2	59
79	The Disk Substructures at High Angular Resolution Program (DSHARP). VIII. The Rich Ringed Substructures in the AS 209 Disk. <i>Astrophysical Journal Letters</i> , 2018, 869, L48.	3.0	58
80	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.	3.0	58
81	Molecules with ALMA at Planet-forming Scales (MAPS). II. CLEAN Strategies for Synthesizing Images of Molecular Line Emission in Protoplanetary Disks. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 2.	3.0	58
82	IRAS 16293-2422B: A Compact, Possibly Isolated Protoplanetary Disk in a Class 0 Object. <i>Astrophysical Journal</i> , 2005, 621, L133-L136.	1.6	57
83	THE AU MIC DEBRIS DISK: FAR-INFRARED AND SUBMILLIMETER RESOLVED IMAGING. <i>Astrophysical Journal</i> , 2015, 811, 100.	1.6	57
84	Molecules with ALMA at Planet-forming Scales (MAPS). III. Characteristics of Radial Chemical Substructures. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 3.	3.0	57
85	MILLIMETER OBSERVATIONS OF THE TRANSITION DISK AROUND HD 135344B (SAO 206462). <i>Astronomical Journal</i> , 2011, 142, 151.	1.9	56
86	ALMA 1.3 mm Map of the HD 95086 System. <i>Astronomical Journal</i> , 2017, 154, 225.	1.9	56
87	Kuiper Beltâ€“like Hot and Cold Populations of Planetesimal Inclinations in the $\hat{1}^2$ Pictoris Belt Revealed by ALMA. <i>Astronomical Journal</i> , 2019, 157, 135.	1.9	56
88	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.	3.0	56
89	A Multifrequency ALMA Characterization of Substructures in the GM Aur Protoplanetary Disk. <i>Astrophysical Journal</i> , 2020, 891, 48.	1.6	54
90	MILLIMETER IMAGING OF THE $\hat{1}^2$ PICTORIS DEBRIS DISK: EVIDENCE FOR A PLANETESIMAL BELT. <i>Astrophysical Journal Letters</i> , 2011, 727, L42.	3.0	53

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91	A RESOLVED MILLIMETER EMISSION BELT IN THE AU Mic DEBRIS DISK. <i>Astrophysical Journal Letters</i> , 2012, 749, L27.	3.0	53
92	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.	3.0	51
93	IMAGING THE MOLECULAR DISK ORBITING THE TWIN YOUNG SUNS OF V4046 Sgr. <i>Astrophysical Journal</i> , 2010, 720, 1684-1690.	1.6	48
94	ALMA OBSERVATIONS OF THE DEBRIS DISK OF SOLAR ANALOG ι , CETI. <i>Astrophysical Journal</i> , 2016, 828, 113.	1.6	47
95	Probing CO and N ₂ Snow Surfaces in Protoplanetary Disks with N ₂ H ⁺ Emission. <i>Astrophysical Journal</i> , 2019, 882, 160.	1.6	47
96	An ALMA Survey of H ₂ CO in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2020, 890, 142.	1.6	47
97	SMA ¹² CO(<i>i</i>) = 6 $\hat{=}$ 5) AND 435 $\hat{=}$ 4m INTERFEROMETRIC IMAGING OF THE NUCLEAR REGION OF Arp 220. <i>Astrophysical Journal</i> , 2009, 693, 56-68.	1.6	46
98	THE EPSILON ERIDANI SYSTEM RESOLVED BY MILLIMETER INTERFEROMETRY. <i>Astrophysical Journal</i> , 2015, 809, 47.	1.6	46
99	Multiple Spiral Arms in the Disk around Intermediate-mass Binary HD 34700A. <i>Astrophysical Journal</i> , 2019, 872, 122.	1.6	46
100	STRINGENT LIMITS ON THE POLARIZED SUBMILLIMETER EMISSION FROM PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2009, 704, 1204-1217.	1.6	44
101	Variable H ¹³ CO ⁺ Emission in the IM Lup Disk: X-Ray Driven Time-dependent Chemistry?. <i>Astrophysical Journal Letters</i> , 2017, 843, L3.	3.0	44
102	CONFIRMATION OF A RECENT BIPOLAR EJECTION IN THE VERY YOUNG HIERARCHICAL MULTIPLE SYSTEM IRAS 16293-2422. <i>Astrophysical Journal</i> , 2010, 712, 1403-1409.	1.6	43
103	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.	1.6	43
104	The Mass of Stirring Bodies in the AU Mic Debris Disk Inferred from Resolved Vertical Structure. <i>Astrophysical Journal</i> , 2019, 875, 87.	1.6	43
105	ALMA Observations of the Young Substellar Binary System 2M1207. <i>Astronomical Journal</i> , 2017, 154, 24.	1.9	42
106	EVIDENCE FOR MULTIPLE PATHWAYS TO DEUTERIUM ENHANCEMENTS IN PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2012, 749, 162.	1.6	40
107	THE INNER DEBRIS STRUCTURE IN THE FOMALHAUT PLANETARY SYSTEM [*] . <i>Astrophysical Journal</i> , 2016, 818, 45.	1.6	40
108	A Subarcsecond ALMA Molecular Line Imaging Survey of the Circumbinary, Protoplanetary Disk Orbiting V4046 Sgr. <i>Astrophysical Journal</i> , 2018, 863, 106.	1.6	40

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109	Discovery of an Extremely Short Duration Flare from Proxima Centauri Using Millimeter through Far-ultraviolet Observations. <i>Astrophysical Journal Letters</i> , 2021, 911, L25.	3.0	40
110	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.	3.0	40
111	Molecular Reconnaissance of the $\hat{1}^2$ Pictoris Gas Disk with the SMA: A Low HCN/(CO+CO ₂) Outgassing Ratio and Predictions for Future Surveys. <i>Astrophysical Journal</i> , 2018, 853, 147.	1.6	39
112	A RING OF C ₂ H IN THE MOLECULAR DISK ORBITING TW Hya. <i>Astrophysical Journal</i> , 2015, 806, 75.	1.6	38
113	H ₂ CO Distribution and Formation in the TW Hya Disk. <i>Astrophysical Journal</i> , 2017, 839, 43.	1.6	38
114	ALMA observations of the narrow HR 4796A debris ring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4924-4938.	1.6	38
115	ALMA Detection of Extended Millimeter Halos in the HD 32297 and HD 61005 Debris Disks. <i>Astrophysical Journal</i> , 2018, 869, 75.	1.6	38
116	An Unbiased ALMA Spectral Survey of the LkCa 15 and MWC 480 Protoplanetary Disks. <i>Astrophysical Journal</i> , 2020, 893, 101.	1.6	38
117	THE IONIZATION FRACTION IN THE DM Tau PROTOPLANETARY DISK. <i>Astrophysical Journal</i> , 2011, 743, 152.	1.6	37
118	RESOLVED MILLIMETER-WAVELENGTH OBSERVATIONS OF DEBRIS DISKS AROUND SOLAR-TYPE STARS. <i>Astrophysical Journal</i> , 2016, 816, 27.	1.6	37
119	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.	3.0	37
120	On the Ubiquity and Stellar Luminosity Dependence of Exocometary CO Gas: Detection around M Dwarf TWA 7. <i>Astronomical Journal</i> , 2019, 157, 117.	1.9	36
121	The TW Hya Rosetta Stone Project. III. Resolving the Gaseous Thermal Profile of the Disk. <i>Astrophysical Journal</i> , 2021, 908, 8.	1.6	35
122	MILLIMETER DUST EMISSION IN THE GQ LUP SYSTEM. <i>Astronomical Journal</i> , 2010, 139, 626-629.	1.9	34
123	An Evolutionary Study of Volatile Chemistry in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2020, 898, 97.	1.6	34
124	A dust and gas cavity in the disc around CQ Tau revealed by ALMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4638-4654.	1.6	33
125	Molecules with ALMA at Planet-forming Scales (MAPS). XIX. Spiral Arms, a Tail, and Diffuse Structures Traced by CO around the GM Aur Disk. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 19.	3.0	33
126	ALMA and VLA observations of the outflows in IRAS 16293 \hat{a} 2422. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 430, L10-L14.	1.2	32

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127	INTERFEROMETRIC UPPER LIMITS ON MILLIMETER POLARIZATION OF THE DISKS AROUND DG Tau, GM Aur, AND MWC 480. <i>Astronomical Journal</i> , 2013, 145, 115.	1.9	32
128	Resolved Structure of the Arp 220 Nuclei at $\hat{1}\hat{2}\hat{3}$ mm. <i>Astrophysical Journal</i> , 2017, 849, 14.	1.6	30
129	Dual-wavelength ALMA Observations of Dust Rings in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2020, 898, 36.	1.6	30
130	Molecules with ALMA at Planet-forming Scales (MAPS). IX. Distribution and Properties of the Large Organic Molecules HC ₃ N, CH ₃ CN, and c-C ₃ H ₂ . <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 9.	3.0	30
131	Molecules with ALMA at Planet-forming Scales (MAPS). XII. Inferring the C/O and S/H Ratios in Protoplanetary Disks with Sulfur Molecules. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 12.	3.0	30
132	HIGH-RESOLUTION SUBMILLIMETER AND NEAR-INFRARED STUDIES OF THE TRANSITION DISK AROUND Sz 91. <i>Astrophysical Journal</i> , 2014, 783, 90.	1.6	29
133	EVIDENCE OF SHORT TIMESCALE FLUX DENSITY VARIATIONS OF UC H II REGIONS IN SGR B2 MAIN AND NORTH. <i>Astrophysical Journal</i> , 2015, 815, 123.	1.6	29
134	Resolved Millimeter Observations of the HR 8799 Debris Disk. <i>Astrophysical Journal</i> , 2018, 855, 56.	1.6	29
135	Multiple Rings of Millimeter Dust Emission in the HD 15115 Debris Disk. <i>Astrophysical Journal Letters</i> , 2019, 877, L32.	3.0	29
136	Multiband GPI Imaging of the HR 4796A Debris Disk. <i>Astrophysical Journal</i> , 2020, 898, 55.	1.6	29
137	New Radio Sources and the Composite Structure of Component B in the Very Young Protostellar System IRAS 16293 $\hat{2}$ 2422. <i>Astrophysical Journal</i> , 2007, 670, 1353-1360.	1.6	28
138	CONFIRMING THE PRIMARILY SMOOTH STRUCTURE OF THE VEGA DEBRIS DISK AT MILLIMETER WAVELENGTHS. <i>Astrophysical Journal</i> , 2012, 750, 82.	1.6	28
139	High-resolution SMA imaging of bright submillimetre sources from the SCUBA-2 Cosmology Legacy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2042-2067.	1.6	28
140	The Millimeter Continuum Size $\hat{2}$ Frequency Relationship in the UZ Tau E Disk. <i>Astrophysical Journal</i> , 2018, 861, 64.	1.6	27
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