

David J Wilner

List of Publications by Year in descending order

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203
papers

15,206
citations

14614

66
h-index

21474

114
g-index

207
all docs

207
docs citations

207
times ranked

4450
citing authors

#	ARTICLE	IF	CITATIONS
1	Scattering and sublimation: a multiscale view of μm -sized dust in the inclined disc of HD 145718. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2434-2452.	1.6	2
2	Astrochemistry With the Orbiting Astronomical Satellite for Investigating Stellar Systems. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 8, .	1.1	5
3	Gas and Dust Shadows in the TW Hydrae Disk. <i>Astrophysical Journal</i> , 2022, 930, 144.	1.6	3
4	Gas Disk Sizes from CO Line Observations: A Test of Angular Momentum Evolution. <i>Astrophysical Journal</i> , 2022, 931, 6.	1.6	25
5	A Multiwavelength Study of the Highly Asymmetrical Debris Disk around HD 111520. <i>Astrophysical Journal</i> , 2022, 932, 23.	1.6	4
6	CO Line Emission Surfaces and Vertical Structure in Midinclination Protoplanetary Disks. <i>Astrophysical Journal</i> , 2022, 932, 114.	1.6	21
7	The TW Hya Rosetta Stone Project. II. Spatially Resolved Emission of Formaldehyde Hints at Low-temperature Gas-phase Formation. <i>Astrophysical Journal</i> , 2021, 906, 111.	1.6	19
8	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
9	Dynamical Masses and Stellar Evolutionary Model Predictions of M Stars. <i>Astrophysical Journal</i> , 2021, 908, 42.	1.6	14
10	An Atacama Large Millimeter/submillimeter Array Survey of Chemistry in Disks around M4–M5 Stars. <i>Astrophysical Journal</i> , 2021, 911, 150.	1.6	6
11	The TW Hya Rosetta Stone Project IV: A Hydrocarbon-rich Disk Atmosphere. <i>Astrophysical Journal</i> , 2021, 911, 29.	1.6	10
12	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
13	The First Radio Spectrum of a Rapidly Rotating A-type Star. <i>Astrophysical Journal Letters</i> , 2021, 912, L5.	3.0	1
14	Discovery of an Edge-on Circumstellar Debris Disk around BD+45° 598: A Newly Identified Member of the β Pictoris Moving Group. <i>Astrophysical Journal</i> , 2021, 912, 115.	1.6	11
15	Investigating the Relative Gas and Small Dust Grain Surface Heights in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2021, 913, 138.	1.6	21
16	Limits on Millimeter Continuum Emission from Circumplanetary Material in the DSHARP Disks. <i>Astrophysical Journal</i> , 2021, 916, 51.	1.6	18
17	Four new planetesimals around typical and pre-main-sequence stars (PLATYPUS) debris discs at 8.8 mm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3139-3147.	1.6	6
18	A Deep Polarimetric Study of the Asymmetrical Debris Disk HD 106906. <i>Astrophysical Journal</i> , 2021, 915, 58.	1.6	12

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19	The Architecture of the V892 Tau System: The Binary and Its Circumbinary Disk. <i>Astrophysical Journal</i> , 2021, 915, 131.	1.6	14
20	Resolving Structure in the Debris Disk around HD 206893 with ALMA. <i>Astrophysical Journal</i> , 2021, 917, 5.	1.6	13
21	The TW Hya Rosetta Stone Project. I. Radial and Vertical Distributions of DCN and DCO ⁺ . <i>Astronomical Journal</i> , 2021, 161, 38.	1.9	16
22	Carbon monoxide gas produced by a giant impact in the inner region of a young system. <i>Nature</i> , 2021, 598, 425-428.	13.7	8
23	A Deep Search for Five Molecules in the 49 Ceti Debris Disk. <i>Astrophysical Journal</i> , 2021, 921, 56.	1.6	3
24	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</i> , Supplement Series, 2021, 257, 7.	3.0	40
25	Molecules with ALMA at Planet-forming Scales (MAPS). X. Studying Deuteration at High Angular Resolution toward Protoplanetary Disks. <i>Astrophysical Journal</i> , Supplement Series, 2021, 257, 10.	3.0	15
26	Molecules with ALMA at Planet-forming Scales (MAPS). XVIII. Kinematic Substructures in the Disks of HD 163296 and MWC 480. <i>Astrophysical Journal</i> , Supplement Series, 2021, 257, 18.	3.0	51
27	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</i> , Supplement Series, 2021, 257, 9.	3.0	30
28	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</i> , Supplement Series, 2021, 257, 19.	3.0	33
29	Molecules with ALMA at Planet-forming Scales (MAPS). IV. Emission Surfaces and Vertical Distribution of Molecules. <i>Astrophysical Journal</i> , Supplement Series, 2021, 257, 4.	3.0	58
30	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</i> , Supplement Series, 2021, 257, 12.	3.0	30
31	Molecules with ALMA at Planet-forming Scales (MAPS). XVII. Determining the 2D Thermal Structure of the HD 163296 Disk. <i>Astrophysical Journal</i> , Supplement Series, 2021, 257, 17.	3.0	19
32	Molecules with ALMA at Planet-forming Scales (MAPS). I. Program Overview and Highlights. <i>Astrophysical Journal</i> , Supplement Series, 2021, 257, 1.	3.0	117
33	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</i> , Supplement Series, 2021, 257, 6.	3.0	37
34	Molecules with ALMA at Planet-forming Scales (MAPS). XVI. Characterizing the Impact of the Molecular Wind on the Evolution of the HD 163296 System. <i>Astrophysical Journal</i> , Supplement Series, 2021, 257, 16.	3.0	20
35	Molecules with ALMA at Planet-forming Scales (MAPS). V. CO Gas Distributions. <i>Astrophysical Journal</i> , Supplement Series, 2021, 257, 5.	3.0	87
36	Molecules with ALMA at Planet-forming Scales (MAPS). III. Characteristics of Radial Chemical Substructures. <i>Astrophysical Journal</i> , Supplement Series, 2021, 257, 3.	3.0	57

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37	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.	3.0	21
38	Molecules with ALMA at Planet-forming Scales (MAPS). VIII. CO Gap in AS 209 – Gas Depletion or Chemical Processing?. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 8.	3.0	22
39	Molecules with ALMA at Planet-forming Scales (MAPS). XIII. HCO ⁺ and Disk Ionization Structure. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 13.	3.0	24
40	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
41	Molecules with ALMA at Planet-forming Scales. XX. The Massive Disk around GM Aurigae. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 20.	3.0	26
42	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
43	Molecules with ALMA at Planet-forming Scales (MAPS). XI. CN and HCN as Tracers of Photochemistry in Disks. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 11.	3.0	25
44	Deeply Buried Nuclei in the Infrared-luminous Galaxies NGC 4418 and Arp 220. II. Line Forests at $\lambda = 1.4$ mm and Circumnuclear Gas Observed with ALMA. <i>Astrophysical Journal</i> , 2021, 923, 240.	1.6	12
45	Deeply Buried Nuclei in the Infrared-luminous Galaxies NGC 4418 and Arp 220. I. ALMA Observations at $\lambda = 1.4$ mm and Continuum Analysis. <i>Astrophysical Journal</i> , 2021, 923, 206.	1.6	6
46	Hot Corino Chemistry in the Class I Binary Source Ser-emb 11. <i>Astrophysical Journal</i> , 2021, 923, 155.	1.6	8
47	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
48	An Unbiased ALMA Spectral Survey of the LkCa 15 and MWC 480 Protoplanetary Disks. <i>Astrophysical Journal</i> , 2020, 893, 101.	1.6	38
49	A Multifrequency ALMA Characterization of Substructures in the GM Aur Protoplanetary Disk. <i>Astrophysical Journal</i> , 2020, 891, 48.	1.6	54
50	Irregular Dust Features around Intermediate-mass Young Stars with GPI: Signs of Youth or Misaligned Disks?. <i>Astrophysical Journal</i> , 2020, 888, 7.	1.6	21
51	An ALMA Survey of H ₂ CO in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2020, 890, 142.	1.6	47
52	ALMA 0.88 mm Survey of Disks around Planetary-mass Companions. <i>Astronomical Journal</i> , 2020, 159, 229.	1.9	16
53	Time-variable Radio Recombination Line Emission in W49A. <i>Astronomical Journal</i> , 2020, 160, 234.	1.9	7
54	The MESAS Project: ALMA Observations of the F-type Stars $\hat{\iota}^3$ Lep, $\hat{\iota}^3$ Vir A, and $\hat{\iota}^3$ Vir B. <i>Astrophysical Journal</i> , 2020, 894, 76.	1.6	9

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55	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
56	Dual-wavelength ALMA Observations of Dust Rings in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2020, 898, 36.	1.6	30
57	Multiband GPI Imaging of the HR 4796A Debris Disk. <i>Astrophysical Journal</i> , 2020, 898, 55.	1.6	29
58	An Evolutionary Study of Volatile Chemistry in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2020, 898, 97.	1.6	34
59	Dust Populations in the Iconic Vega Planetary System Resolved by ALMA. <i>Astrophysical Journal</i> , 2020, 898, 146.	1.6	16
60	Large-scale CO Spiral Arms and Complex Kinematics Associated with the T Tauri Star RU Lup. <i>Astrophysical Journal</i> , 2020, 898, 140.	1.6	23
61	A Dust Trap in the Young Multiple System HD 34700. <i>Astrophysical Journal</i> , 2020, 905, 120.	1.6	5
62	The REASONS Survey: Resolved Millimeter Observations of a Large Debris Disk around the Nearby F Star HD 170773. <i>Astrophysical Journal</i> , 2019, 881, 84.	1.6	15
63	Constraints on a Putative Planet Sculpting the V4046 Sagittarii Circumbinary Disk. <i>Astronomical Journal</i> , 2019, 157, 237.	1.9	5
64	The Degree of Alignment between Circumbinary Disks and Their Binary Hosts. <i>Astrophysical Journal</i> , 2019, 883, 22.	1.6	69
65	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
66	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
67	Multiple Rings of Millimeter Dust Emission in the HD 15115 Debris Disk. <i>Astrophysical Journal Letters</i> , 2019, 877, L32.	3.0	29
68	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
69	On the Nature of the Compact Sources in IRAS 16293-2422 Seen at Centimeter to Submillimeter Wavelengths. <i>Astrophysical Journal</i> , 2019, 875, 94.	1.6	17
70	Deep ALMA search for CO gas in the HD 95086 debris disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3443-3452.	1.6	13
71	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
72	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

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73	Kuiper Belt-like Hot and Cold Populations of Planetesimal Inclinations in the β Pictoris Belt Revealed by ALMA. <i>Astronomical Journal</i> , 2019, 157, 135.	1.9	56
74	Multiple Spiral Arms in the Disk around Intermediate-mass Binary HD 34700A. <i>Astrophysical Journal</i> , 2019, 872, 122.	1.6	46
75	The Flared Gas Structure of the Transitional Disk around Sz 91. <i>Astrophysical Journal</i> , 2019, 871, 5.	1.6	16
76	Resolved Molecular Gas and Star Formation Properties of the Strongly Lensed $z = 2.26$ Galaxy SDSS J0901+1814. <i>Astrophysical Journal</i> , 2019, 879, 52.	1.6	16
77	A circumbinary protoplanetary disk in a polar configuration. <i>Nature Astronomy</i> , 2019, 3, 230-235.	4.2	59
78	From Scattered-light to Millimeter Emission: A Comprehensive View of the Gigayear-old System of HD 202628 and its Eccentric Debris Ring. <i>Astronomical Journal</i> , 2019, 158, 162.	1.9	27
79	Science with the Upgraded ultra-wideband Submillimeter Array (uSMA) in the Next Decade. , 2019, , .		0
80	Optical and Radio Observations of the T Tauri Binary KH 15D (V582 Mon): Stellar Properties, Disk Mass Limit, and Discovery of a CO Outflow. <i>Astronomical Journal</i> , 2018, 155, 47.	1.9	13
81	Detection of a Millimeter Flare from Proxima Centauri. <i>Astrophysical Journal Letters</i> , 2018, 855, L2.	3.0	62
82	Turbulence in the TW Hya Disk. <i>Astrophysical Journal</i> , 2018, 856, 117.	1.6	149
83	CO and Dust Properties in the TW Hya Disk from High-resolution ALMA Observations. <i>Astrophysical Journal</i> , 2018, 852, 122.	1.6	127
84	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
85	Resolved Millimeter Observations of the HR 8799 Debris Disk. <i>Astrophysical Journal</i> , 2018, 855, 56.	1.6	29
86	Distributed Star Formation throughout the Galactic Center Cloud Sgr B2. <i>Astrophysical Journal</i> , 2018, 853, 171.	1.6	74
87	A dusty star-forming galaxy at $z = 6$ revealed by strong gravitational lensing. <i>Nature Astronomy</i> , 2018, 2, 56-62.	4.2	74
88	Flux Density Variations at 3.6 cm in the Massive Star-forming Region W49A. <i>Astrophysical Journal Letters</i> , 2018, 863, L9.	3.0	4
89	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
90	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

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91	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
92	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
93	Scaling Relations Associated with Millimeter Continuum Sizes in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2018, 865, 157.	1.6	103
94	The Disk Substructures at High Angular Resolution Project (DSHARP). VII. The Planetâ€“Disk Interactions Interpretation. <i>Astrophysical Journal Letters</i> , 2018, 869, L47.	3.0	289
95	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
96	Extremely Dense Cores Associated with Chandra Sources in Ophiuchus A: Forming Brown Dwarfs Unveiled?. <i>Astrophysical Journal</i> , 2018, 866, 141.	1.6	14
97	Observational constraints on the physical nature of submillimetre source multiplicity: chance projections are common. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2278-2287.	1.6	25
98	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
99	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
100	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
101	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
102	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
103	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
104	Constraining Gas-phase Carbon, Oxygen, and Nitrogen in the IM Lup Protoplanetary Disk. <i>Astrophysical Journal</i> , 2018, 865, 155.	1.6	69
105	MESAS: Measuring the Emission of Stellar Atmospheres at Submillimeter/millimeter Wavelengths. <i>Astrophysical Journal</i> , 2018, 859, 102.	1.6	8
106	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
107	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
108	An Empirical Planetesimal Belt Radiusâ€“Stellar Luminosity Relation. <i>Astrophysical Journal</i> , 2018, 859, 72.	1.6	66

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109	The Association of Molecular Gas and Natal Super Star Clusters in Henize 2â€“10. <i>Astrophysical Journal</i> , 2018, 853, 125.	1.6	12
110	Molecular Reconnaissance of the Î² 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
111	ALMA Observations of Polarization from Dust Scattering in the IM Lup Protoplanetary Disk. <i>Astrophysical Journal</i> , 2018, 860, 82.	1.6	71
112	The Millimeter Continuum Sizeâ€“Frequency Relationship in the UZ Tau E Disk. <i>Astrophysical Journal</i> , 2018, 861, 64.	1.6	27
113	H ₂ CO Distribution and Formation in the TW HYA Disk. <i>Astrophysical Journal</i> , 2017, 839, 43.	1.6	38
114	A Complete ALMA Map of the Fomalhaut Debris Disk. <i>Astrophysical Journal</i> , 2017, 842, 8.	1.6	89
115	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
116	ALMA MEASUREMENTS OF CIRCUMSTELLAR MATERIAL IN THE GQ LUP SYSTEM. <i>Astrophysical Journal</i> , 2017, 835, 17.	1.6	59
117	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
118	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
119	ALMA Observations of the Young Substellar Binary System 2M1207. <i>Astronomical Journal</i> , 2017, 154, 24.	1.9	42
120	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
121	A millimeter Continuum Sizeâ€“Luminosity Relationship for Protoplanetary Disks. <i>Astrophysical Journal</i> , 2017, 845, 44.	1.6	150
122	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
123	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
124	Resolved Structure of the Arp 220 Nuclei at Î» ³ mm. <i>Astrophysical Journal</i> , 2017, 849, 14.	1.6	30
125	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
126	ALMA 1.3 mm Map of the HD 95086 System. <i>Astronomical Journal</i> , 2017, 154, 225.	1.9	56

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127	SONS: The JCMT legacy survey of debris discs in the submillimetre. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3606-3663.	1.6	106
128	The Architecture of the GW Ori Young Triple-star System and Its Disk: Dynamical Masses, Mutual Inclinations, and Recurrent Eclipses. Astrophysical Journal, 2017, 851, 132.	1.6	22
129	An SMA Continuum Survey of Circumstellar Disks in the Serpens Star-forming Region. Astronomical Journal, 2017, 154, 255.	1.9	9
130	THE COUPLED PHYSICAL STRUCTURE OF GAS AND DUST IN THE IM Lup PROTOPLANETARY DISK. Astrophysical Journal, 2016, 832, 110.	1.6	130
131	Steepening of the 820 μm continuum surface brightness profile signals dust evolution in TW Hydrae's disk. Astronomy and Astrophysics, 2016, 586, A99.	2.1	25
132	Spiral density waves in a young protoplanetary disk. Science, 2016, 353, 1519-1521.	6.0	251
133	RESOLVED MILLIMETER-WAVELENGTH OBSERVATIONS OF DEBRIS DISKS AROUND SOLAR-TYPE STARS. Astrophysical Journal, 2016, 816, 27.	1.6	37
134	CONSTRAINTS ON PLANETESIMAL COLLISION MODELS IN DEBRIS DISKS. Astrophysical Journal, 2016, 823, 79.	1.6	79
135	THE INNER DEBRIS STRUCTURE IN THE FOMALHAUT PLANETARY SYSTEM*. Astrophysical Journal, 2016, 818, 45.	1.6	40
136	ALMA OBSERVATIONS OF THE DEBRIS DISK OF SOLAR ANALOG ϵ , CETI. Astrophysical Journal, 2016, 828, 113.	1.6	47
137	RINGED SUBSTRUCTURE AND A GAP AT 1 au IN THE NEAREST PROTOPLANETARY DISK. Astrophysical Journal Letters, 2016, 820, L40.	3.0	418
138	RESOLVED CO GAS INTERIOR TO THE DUST RINGS OF THE HD 141569 DISK. Astrophysical Journal, 2016, 818, 97.	1.6	24
139	ALMA and the Future of Millimeter Imaging Observations. Proceedings of the International Astronomical Union, 2015, 10, 270-275.	0.0	0
140	GRAIN GROWTH IN THE CIRCUMSTELLAR DISKS OF THE YOUNG STARS CY Tau AND DoAr 25. Astrophysical Journal, 2015, 813, 41.	1.6	100
141	CHEMICAL IMAGING OF THE CO SNOW LINE IN THE HD 163296 DISK. Astrophysical Journal, 2015, 813, 128.	1.6	111
142	DOUBLE DCO ⁺ RINGS REVEAL CO ICE DESORPTION IN THE OUTER DISK AROUND IM LUP. Astrophysical Journal, 2015, 810, 112.	1.6	83
143	THE AU MIC DEBRIS DISK: FAR-INFRARED AND SUBMILLIMETER RESOLVED IMAGING. Astrophysical Journal, 2015, 811, 100.	1.6	57
144	AN ATCA SURVEY OF DEBRIS DISKS AT 7 MILLIMETERS. Astrophysical Journal, 2015, 813, 138.	1.6	20

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145	WEAK TURBULENCE IN THE HD 163296 PROTOPLANETARY DISK REVEALED BY ALMA CO OBSERVATIONS. <i>Astrophysical Journal</i> , 2015, 813, 99.	1.6	208
146	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
147	THE EPSILON ERIDANI SYSTEM RESOLVED BY MILLIMETER INTERFEROMETRY. <i>Astrophysical Journal</i> , 2015, 809, 47.	1.6	46
148	The comet-like composition of a protoplanetary disk as revealed by complex cyanides. <i>Nature</i> , 2015, 520, 198-201.	13.7	192
149	A RING OF C ₂ H IN THE MOLECULAR DISK ORBITING TW Hya. <i>Astrophysical Journal</i> , 2015, 806, 75.	1.6	38
150	RESOLVED MILLIMETER EMISSION FROM THE HD 15115 DEBRIS DISK. <i>Astrophysical Journal</i> , 2015, 801, 59.	1.6	20
151	HIGH-RESOLUTION SUBMILLIMETER AND NEAR-INFRARED STUDIES OF THE TRANSITION DISK AROUND Sz 91. <i>Astrophysical Journal</i> , 2014, 783, 90.	1.6	29
152	Imaging of the CO Snow Line in a Solar Nebula Analog. <i>Science</i> , 2013, 341, 630-632.	6.0	252
153	THE MASS DEPENDENCE BETWEEN PROTOPLANETARY DISKS AND THEIR STELLAR HOSTS. <i>Astrophysical Journal</i> , 2013, 771, 129.	1.6	527
154	Flows of gas through a protoplanetary gap. <i>Nature</i> , 2013, 493, 191-194.	13.7	304
155	ALMA and VLA observations of the outflows in IRAS 16293âˆ”2422. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 430, L10-L14.	1.2	32
156	RESOLVING THE MOTH AT MILLIMETER WAVELENGTHS. <i>Astrophysical Journal</i> , 2013, 774, 80.	1.6	18
157	A SPATIALLY RESOLVED VERTICAL TEMPERATURE GRADIENT IN THE HD 163296 DISK. <i>Astrophysical Journal</i> , 2013, 774, 16.	1.6	157
158	THE STRUCTURE OF THE EVOLVED CIRCUMBINARY DISK AROUND V4046 Sgr. <i>Astrophysical Journal</i> , 2013, 775, 136.	1.6	83
159	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
160	MODELING THE RESOLVED DISK AROUND THE CLASS 0 PROTOSTAR L1527. <i>Astrophysical Journal</i> , 2013, 771, 48.	1.6	77
161	FIRST DETECTION OF C ₃ H ₂ IN A CIRCUMSTELLAR DISK. <i>Astrophysical Journal Letters</i> , 2013, 765, L14.	3.0	68
162	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

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163	CONSTRAINING A MODEL OF TURBULENT CORONAL HEATING FOR AU MICROSCOPII WITH X-RAY, RADIO, AND MILLIMETER OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 772, 149.	1.6	21
164	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
165	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
166	ASTEROID BELTS IN DEBRIS DISK TWINS: VEGA AND FOMALHAUT. <i>Astrophysical Journal</i> , 2013, 763, 118.	1.6	145
167	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
168	KINEMATICS OF THE CO GAS IN THE INNER REGIONS OF THE TW Hya DISK. <i>Astrophysical Journal</i> , 2012, 757, 129.	1.6	83
169	CONFIRMING THE PRIMARILY SMOOTH STRUCTURE OF THE VEGA DEBRIS DISK AT MILLIMETER WAVELENGTHS. <i>Astrophysical Journal</i> , 2012, 750, 82.	1.6	28
170	A RESOLVED MILLIMETER EMISSION BELT IN THE AU Mic DEBRIS DISK. <i>Astrophysical Journal Letters</i> , 2012, 749, L27.	3.0	53
171	A DISK-BASED DYNAMICAL MASS ESTIMATE FOR THE YOUNG BINARY V4046 Sgr. <i>Astrophysical Journal</i> , 2012, 759, 119.	1.6	61
172	A RESOLVED CENSUS OF MILLIMETER EMISSION FROM TAURUS MULTIPLE STAR SYSTEMS. <i>Astrophysical Journal</i> , 2012, 751, 115.	1.6	143
173	EVIDENCE FOR MULTIPLE PATHWAYS TO DEUTERIUM ENHANCEMENTS IN PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2012, 749, 162.	1.6	40
174	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
175	A CLOSER LOOK AT THE LkCa 15 PROTOPLANETARY DISK. <i>Astrophysical Journal Letters</i> , 2011, 742, L5.	3.0	80
176	RESOLVED IMAGES OF LARGE CAVITIES IN PROTOPLANETARY TRANSITION DISKS. <i>Astrophysical Journal</i> , 2011, 732, 42.	1.6	538
177	THE IONIZATION FRACTION IN THE DM Tau PROTOPLANETARY DISK. <i>Astrophysical Journal</i> , 2011, 743, 152.	1.6	37
178	RESOLVING THE CO SNOW LINE IN THE DISK AROUND HD 163296. <i>Astrophysical Journal</i> , 2011, 740, 84.	1.6	111
179	MILLIMETER IMAGING OF THE ρ PICTORIS DEBRIS DISK: EVIDENCE FOR A PLANETESIMAL BELT. <i>Astrophysical Journal Letters</i> , 2011, 727, L42.	3.0	53
180	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

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181	RESOLVED SUBMILLIMETER OBSERVATIONS OF THE HR 8799 AND HD 107146 DEBRIS DISKS. <i>Astrophysical Journal</i> , 2011, 740, 38.	1.6	83
182	MILLIMETER OBSERVATIONS OF THE TRANSITION DISK AROUND HD 135344B (SAO 206462). <i>Astronomical Journal</i> , 2011, 142, 151.	1.9	56
183	EMPIRICAL CONSTRAINTS ON TURBULENCE IN PROTOPLANETARY ACCRETION DISKS. <i>Astrophysical Journal</i> , 2011, 727, 85.	1.6	140
184	MILLIMETER IMAGING OF MWC 758: PROBING THE DISK STRUCTURE AND KINEMATICS. <i>Astrophysical Journal</i> , 2010, 725, 1735-1741.	1.6	111
185	IMAGING THE MOLECULAR DISK ORBITING THE TWIN YOUNG SUNS OF V4046 Sgr. <i>Astrophysical Journal</i> , 2010, 720, 1684-1690.	1.6	48
186	VIBRATIONALLY EXCITED HCN IN THE LUMINOUS INFRARED GALAXY NGC 4418. <i>Astrophysical Journal Letters</i> , 2010, 725, L228-L233.	3.0	100
187	THE DISK IMAGING SURVEY OF CHEMISTRY WITH SMA. I. TAURUS PROTOPLANETARY DISK DATA. <i>Astrophysical Journal</i> , 2010, 720, 480-493.	1.6	128
188	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
189	MILLIMETER DUST EMISSION IN THE GQ LUP SYSTEM. <i>Astronomical Journal</i> , 2010, 139, 626-629.	1.9	34
190	SMA $^{12}\text{CO}(J=6-5)$ AND $435\ \mu\text{m}$ INTERFEROMETRIC IMAGING OF THE NUCLEAR REGION OF Arp 220. <i>Astrophysical Journal</i> , 2009, 693, 56-68.	1.6	46
191	STRINGENT LIMITS ON THE POLARIZED SUBMILLIMETER EMISSION FROM PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2009, 704, 1204-1217.	1.6	44
192	P CYGNI PROFILES OF MOLECULAR LINES TOWARD ARP 220 NUCLEI. <i>Astrophysical Journal</i> , 2009, 700, L104-L108.	1.6	84
193	A SPATIALLY RESOLVED INNER HOLE IN THE DISK AROUND GM AURIGAE. <i>Astrophysical Journal</i> , 2009, 698, 131-142.	1.6	163
194	Submillimeter Array Imaging of the $\text{CO}(3-2)$ Line and $860\ \mu\text{m}$ Continuum of Arp 220: Tracing the Spatial Distribution of Luminosity. <i>Astrophysical Journal</i> , 2008, 684, 957-977.	1.6	114
195	Resolving the Chemistry in the Disk of TW Hydrae. I. Deuterated Species. <i>Astrophysical Journal</i> , 2008, 681, 1396-1407.	1.6	107
196	New Radio Sources and the Composite Structure of Component B in the Very Young Protostellar System IRAS 16293-2422. <i>Astrophysical Journal</i> , 2007, 670, 1353-1360.	1.6	28
197	PROSAC: A Submillimeter Array Survey of Low-Mass Protostars. I. Overview of Program: Envelopes, Disks, Outflows, and Hot Cores. <i>Astrophysical Journal</i> , 2007, 659, 479-498.	1.6	221
198	$\text{CO } J=6-5$ Observations of TW Hydrae with the Submillimeter Array. <i>Astrophysical Journal</i> , 2006, 636, L157-L160.	1.6	82

#	ARTICLE	IF	CITATIONS
199	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
200	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
201	High Angular Resolution Studies of Disks-the Millimetre. <i>Symposium - International Astronomical Union</i> , 2004, 221, 381-388.	0.1	0
202	Imaging the Disk around TW Hydrae with the Submillimeter Array. <i>Astrophysical Journal</i> , 2004, 616, L11-L14.	1.6	166
203	Evidence for a Developing Gap in a 10 Myr Old Protoplanetary Disk. <i>Astrophysical Journal</i> , 2002, 568, 1008-1016.	1.6	470