

Ewine van Dishoeck

List of Publications by Year in descending order

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Version: 2024-02-01

186
papers

19,890
citations

9786

73
h-index

10734

138
g-index

187
all docs

187
docs citations

187
times ranked

6746
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing inner and outer disk misalignments in transition disks. <i>Astronomy and Astrophysics</i> , 2022, 658, A183.	5.1	42
2	Hydrogenation of Accreting C Atoms and CO Molecules—Simulating Ketene and Acetaldehyde Formation Under Dark and Translucent Cloud Conditions. <i>Astrophysical Journal</i> , 2022, 924, 110.	4.5	13
3	Imaging the Water Snowline around Protostars with Water and HCO ⁺ Isotopologues. <i>Astrophysical Journal</i> , 2022, 924, 5.	4.5	10
4	The VLA/ALMA Nascent Disk And Multiplicity (VANDAM) Survey of Orion Protostars. V. A Characterization of Protostellar Multiplicity. <i>Astrophysical Journal</i> , 2022, 925, 39.	4.5	19
5	Tracing pebble drift and trapping using radial carbon depletion profiles in protoplanetary disks. <i>Astronomy and Astrophysics</i> , 2022, 660, A126.	5.1	16
6	The mass and size of Herbig disks as seen by ALMA. <i>Astronomy and Astrophysics</i> , 2022, 658, A112.	5.1	19
7	Importance of source structure on complex organics emission. <i>Astronomy and Astrophysics</i> , 2022, 662, A67.	5.1	12
8	Survey of Orion Disks with ALMA (SODA). <i>Astronomy and Astrophysics</i> , 2022, 661, A53.	5.1	13
9	A New Planet Candidate Detected in a Dust Gap of the Disk around HD 163296 through Localized Kinematic Signatures: An Observational Validation of the discminer. <i>Astrophysical Journal</i> , 2022, 928, 2.	4.5	30
10	Gas temperature structure across transition disk cavities. <i>Astronomy and Astrophysics</i> , 2022, 663, A23.	5.1	18
11	Importance of source structure on complex organics emission. <i>Astronomy and Astrophysics</i> , 2022, 663, A58.	5.1	13
12	Dependence of X _{CO} on Metallicity, Intensity, and Spatial Scale in a Self-regulated Interstellar Medium. <i>Astrophysical Journal</i> , 2022, 931, 28.	4.5	17
13	A non-energetic mechanism for glycine formation in the interstellar medium. <i>Nature Astronomy</i> , 2021, 5, 197-205.	10.1	69
14	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.	4.5	19
15	Constraining the Nature of the PDS 70 Protoplanets with VLT/GRAVITY [†] . <i>Astronomical Journal</i> , 2021, 161, 148.	4.7	59
16	Chemically tracing the water snowline in protoplanetary disks with HCO ⁺ . <i>Astronomy and Astrophysics</i> , 2021, 646, A3.	5.1	23
17	The TW Hya Rosetta Stone Project. III. Resolving the Gaseous Thermal Profile of the Disk. <i>Astrophysical Journal</i> , 2021, 908, 8.	4.5	35
18	A New Method for Simulating Photoprocesses in Astrochemical Models. <i>Astrophysical Journal</i> , 2021, 910, 72.	4.5	5

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19	Exploring HNC and HCN line emission as probes of the protoplanetary disk temperature. <i>Astronomy and Astrophysics</i> , 2021, 647, A118.	5.1	10
20	The TW Hya Rosetta Stone Project IV: A Hydrocarbon-rich Disk Atmosphere. <i>Astrophysical Journal</i> , 2021, 911, 29.	4.5	10
21	Water in star-forming regions: physics and chemistry from clouds to disks as probed by <i>Herschel</i> spectroscopy. <i>Astronomy and Astrophysics</i> , 2021, 648, A24.	5.1	98
22	CO isotopolog line fluxes of viscously evolving disks. <i>Astronomy and Astrophysics</i> , 2021, 649, A95.	5.1	9
23	The Disc Miner. <i>Astronomy and Astrophysics</i> , 2021, 650, A179.	5.1	19
24	Complex organic molecules in low-mass protostars on Solar System scales. <i>Astronomy and Astrophysics</i> , 2021, 650, A150.	5.1	34
25	A dusty filament and turbulent CO spirals in HD 135344B - SAO 206462. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3789-3809.	4.4	24
26	Modeling accretion shocks at the disk-envelope interface. <i>Astronomy and Astrophysics</i> , 2021, 653, A159.	5.1	21
27	The TW Hya Rosetta Stone Project. I. Radial and Vertical Distributions of DCN and DCO ⁺ . <i>Astronomical Journal</i> , 2021, 161, 38.	4.7	16
28	Metallicity Dependence of the H ₂ and C ⁺ /C/CO Distributions in a Resolved Self-regulating Interstellar Medium. <i>Astrophysical Journal</i> , 2021, 920, 44.	4.5	30
29	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
30	Temperature profiles of young disk-like structures. <i>Astronomy and Astrophysics</i> , 2020, 633, A7.	5.1	27
31	The ALMA-PILS survey: inventory of complex organic molecules towards IRAS 16293-2422 A. <i>Astronomy and Astrophysics</i> , 2020, 635, A48.	5.1	87
32	A cryogenic ice setup to simulate carbon atom reactions in interstellar ices. <i>Review of Scientific Instruments</i> , 2020, 91, 054501.	1.3	17
33	The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Orion Protostars. II. A Statistical Characterization of Class 0 and Class I Protostellar Disks. <i>Astrophysical Journal</i> , 2020, 890, 130.	4.5	170
34	Impact of vertical gas accretion on the carbon-to-oxygen ratio of gas giant atmospheres. <i>Astronomy and Astrophysics</i> , 2020, 635, A68.	5.1	24
35	An experimental study of the surface formation of methane in interstellar molecular clouds. <i>Nature Astronomy</i> , 2020, 4, 781-785.	10.1	50
36	Probing UV-sensitive Pathways for CN and HCN Formation in Protoplanetary Disks with the Hubble Space Telescope. <i>Astronomical Journal</i> , 2020, 159, 168.	4.7	10

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37	Formation of complex molecules in translucent clouds: acetaldehyde, vinyl alcohol, ketene, and ethanol via C^{18}O -processing of C_2H_2 -ice. <i>Astronomy and Astrophysics</i> , 2020, 635, A199.	5.1	29
38	Peering into the formation history of ρ Pictoris b with VLTI/GRAVITY long-baseline interferometry. <i>Astronomy and Astrophysics</i> , 2020, 633, A110.	5.1	78
39	Protoplanetary disk masses in NGC 2024: Evidence for two populations. <i>Astronomy and Astrophysics</i> , 2020, 640, A27.	5.1	33
40	Observed sizes of planet-forming disks trace viscous spreading. <i>Astronomy and Astrophysics</i> , 2020, 640, A5.	5.1	39
41	Complex organic molecules in low-mass protostars on Solar System scales. <i>Astronomy and Astrophysics</i> , 2020, 639, A87.	5.1	51
42	Dust masses of young disks: constraining the initial solid reservoir for planet formation. <i>Astronomy and Astrophysics</i> , 2020, 640, A19.	5.1	114
43	Prestellar grain-surface origins of deuterated methanol in comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 4901-4920.	4.4	24
44	An ALMA Survey of θ Orionis Disks: From Supernovae to Planet Formation. <i>Astronomical Journal</i> , 2020, 160, 248.	4.7	23
45	Solving Grain Size Inconsistency between ALMA Polarization and VLA Continuum in the Ophiuchus IRS 48 Protoplanetary Disk. <i>Astrophysical Journal</i> , 2020, 900, 81.	4.5	23
46	Temperature Structures of Embedded Disks: Young Disks in Taurus Are Warm. <i>Astrophysical Journal</i> , 2020, 901, 166.	4.5	49
47	Formation of interstellar propanal and 1-propanol ice: a pathway involving solid-state CO hydrogenation. <i>Astronomy and Astrophysics</i> , 2019, 627, A1.	5.1	29
48	Bright C_2H emission in protoplanetary discs in Lupus: high volatile C/O > 1 ratios. <i>Astronomy and Astrophysics</i> , 2019, 631, A69.	5.1	59
49	Chronology of Episodic Accretion in Protostars: An ALMA Survey of the CO and H_2O Snowlines. <i>Astrophysical Journal</i> , 2019, 884, 149.	4.5	47
50	ALMA survey of Class II protoplanetary disks in Corona Australis: a young region with low disk masses. <i>Astronomy and Astrophysics</i> , 2019, 626, A11.	5.1	61
51	Fast and inefficient star formation due to short-lived molecular clouds and rapid feedback. <i>Nature</i> , 2019, 569, 519-522.	27.8	178
52	High-resolution ALMA Observations of HD 100546: Asymmetric Circumstellar Ring and Circumplanetary Disk Upper Limits. <i>Astrophysical Journal</i> , 2019, 871, 48.	4.5	54
53	Infrared spectra of complex organic molecules in astronomically relevant ice matrices. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 356-357.	0.0	0
54	Laboratory astrophysics: Key to understanding the Universe. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 3-14.	0.0	1

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55	Laboratory data in support of JWST observations of interstellar ices. Proceedings of the International Astronomical Union, 2019, 15, 420-421.	0.0	0
56	H ₂ photochemistry in interstellar ices: The formation of HCO in UV irradiated CO:H ₂ ice mixtures. Proceedings of the International Astronomical Union, 2019, 15, 404-405.	0.0	0
57	The formation of the building blocks of peptides on interstellar dust grains. Proceedings of the International Astronomical Union, 2019, 15, 216-219.	0.0	0
58	Synthesis of solid-state complex organic molecules through accretion of simple species at low temperatures. Proceedings of the International Astronomical Union, 2019, 15, 46-50.	0.0	0
59	Gas versus dust sizes of protoplanetary discs: effects of dust evolution. Astronomy and Astrophysics, 2019, 629, A79.	5.1	71
60	The ALMA Lupus protoplanetary disk survey: evidence for compact gas disks and molecular rings from CN. Astronomy and Astrophysics, 2019, 623, A150.	5.1	31
61	Disk masses in the Orion Molecular Cloud-2: distinguishing time and environment. Astronomy and Astrophysics, 2019, 628, A85.	5.1	34
62	Probing planet formation and disk substructures in the inner disk of Herbig Ae stars with CO rovibrational emission. Astronomy and Astrophysics, 2019, 631, A133.	5.1	16
63	High gas-to-dust size ratio indicating efficient radial drift in the mm-faint CX Tauri disk. Astronomy and Astrophysics, 2019, 626, L2.	5.1	43
64	The IAU and Education: Introduction. Proceedings of the International Astronomical Union, 2019, 15, 2-7.	0.0	0
65	The Herschel-PACS Legacy of Low-mass Protostars: The Properties of Warm and Hot Gas Components and Their Origin in Far-UV Illuminated Shocks. Astrophysical Journal, Supplement Series, 2018, 235, 30.	7.7	50
66	Reactive Desorption of CO Hydrogenation Products under Cold Pre-stellar Core Conditions. Astrophysical Journal, 2018, 853, 102.	4.5	51
67	New Insights into the Nature of Transition Disks from a Complete Disk Survey of the Lupus Star-forming Region. Astrophysical Journal, 2018, 854, 177.	4.5	88
68	A UV-to-NIR Study of Molecular Gas in the Dust Cavity around RY Lupi. Astrophysical Journal, 2018, 855, 98.	4.5	13
69	V1094 Scorpii: A rare giant multi-ringed disk around a T Tauri star. Astronomy and Astrophysics, 2018, 616, A88.	5.1	45
70	Astronomy and the IAU in the next century. Proceedings of the International Astronomical Union, 2018, 13, 523-529.	0.0	2
71	Linking interstellar and cometary O ₂ : a deep search for ¹⁶ O ¹⁸ O in the solar-type protostar IRAS 16293-2422. Astronomy and Astrophysics, 2018, 618, A11.	5.1	22
72	The VLA Nascent Disk and Multiplicity Survey of Perseus Protostars (VANDAM). IV. Free-Free Emission from Protostars: Links to Infrared Properties, Outflow Tracers, and Protostellar Disk Masses. Astrophysical Journal, Supplement Series, 2018, 238, 19.	7.7	103

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73	Probing the protoplanetary disk gas surface density distribution with ^{13}CO emission. <i>Astronomy and Astrophysics</i> , 2018, 619, A113.	5.1	14
74	The IAU Strategic Plan for 2020-2030: OAO. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 546-548.	0.0	4
75	The IAU Strategic Plan for 2020-2030: OAD. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 560-562.	0.0	4
76	Evidence for a massive dust-trapping vortex connected to spirals. <i>Astronomy and Astrophysics</i> , 2018, 619, A161.	5.1	69
77	H_2 chemistry in interstellar ices: the case of CO ice hydrogenation in UV irradiated CO: H_2 ice mixtures. <i>Astronomy and Astrophysics</i> , 2018, 617, A87.	5.1	17
78	Methanol and its Relation to the Water Snowline in the Disk around the Young Outbursting Star V883 Ori. <i>Astrophysical Journal Letters</i> , 2018, 864, L23.	8.3	49
79	The Co-evolution of Disks and Stars in Embedded Stages: The Case of the Very-low-mass Protostar IRAS 15398+3359. <i>Astrophysical Journal Letters</i> , 2018, 864, L25.	8.3	26
80	Probing midplane CO abundance and gas temperature with DCO^+ in the protoplanetary disk around HD 169142. <i>Astronomy and Astrophysics</i> , 2018, 614, A106.	5.1	31
81	Infrared spectra of complex organic molecules in astronomically relevant ice matrices. <i>Astronomy and Astrophysics</i> , 2018, 611, A35.	5.1	34
82	First Results of an ALMA Band 10 Spectral Line Survey of NGC 6334I: Detections of Glycolaldehyde ($\text{HC(O)CH}_2\text{OH}$) and a New Compact Bipolar Outflow in HDO and CS. <i>Astrophysical Journal Letters</i> , 2018, 863, L35.	8.3	29
83	CN rings in full protoplanetary disks around young stars as probes of disk structure. <i>Astronomy and Astrophysics</i> , 2018, 609, A93.	5.1	49
84	ALMA Survey of Lupus Protoplanetary Disks. II. Gas Disk Radii. <i>Astrophysical Journal</i> , 2018, 859, 21.	4.5	268
85	CO in Protostars (COPS): Herschel-SPIRE Spectroscopy of Embedded Protostars $\hat{=}$. <i>Astrophysical Journal</i> , 2018, 860, 174.	4.5	24
86	Unveiling the physical conditions of the youngest disks. <i>Astronomy and Astrophysics</i> , 2018, 615, A83.	5.1	44
87	THE DEPLETION OF WATER DURING DISPERSAL OF PLANET-FORMING DISK REGIONS. <i>Astrophysical Journal</i> , 2017, 834, 152.	4.5	48
88	The ALMA-PILS survey: First detections of ethylene oxide, acetone and propanal toward the low-mass protostar IRAS 16293-2422. <i>Astronomy and Astrophysics</i> , 2017, 597, A53.	5.1	89
89	Physical Properties of Molecular Clouds at 2 pc Resolution in the Low-metallicity Dwarf Galaxy NGC 6822 and the Milky Way. <i>Astrophysical Journal</i> , 2017, 835, 278.	4.5	69
90	Cosmic-ray Induced Destruction of CO in Star-forming Galaxies. <i>Astrophysical Journal</i> , 2017, 839, 90.	4.5	92

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91	Lupus disks with faint CO isotopologues: low gas/dust or high carbon depletion?. <i>Astronomy and Astrophysics</i> , 2017, 599, A113.	5.1	142
92	Survey of Cold Water Lines in Protoplanetary Disks: Indications of Systematic Volatile Depletion. <i>Astrophysical Journal</i> , 2017, 842, 98.	4.5	66
93	Formation of Glycerol through Hydrogenation of CO Ice under Prestellar Core Conditions. <i>Astrophysical Journal</i> , 2017, 842, 52.	4.5	80
94	An ALMA Survey of DCN/H ¹³ CN and DCO ⁺ /H ¹³ CO ⁺ in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2017, 835, 231.	4.5	87
95	The ALMA-PILS survey: detection of CH ₃ NCO towards the low-mass protostar IRAS 16293-2422 and laboratory constraints on its formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2219-2229.	4.4	83
96	A Multi-wavelength Analysis of Dust and Gas in the SR 24S Transition Disk. <i>Astrophysical Journal</i> , 2017, 839, 99.	4.5	32
97	An ALMA Survey of Protoplanetary Disks in the Ïf Orionis Cluster. <i>Astronomical Journal</i> , 2017, 153, 240.	4.7	243
98	CO ₂ infrared emission as a diagnostic of planet-forming regions of disks. <i>Astronomy and Astrophysics</i> , 2017, 601, A36.	5.1	40
99	Different dust and gas radial extents in protoplanetary disks: consistent models of grain growth and CO emission. <i>Astronomy and Astrophysics</i> , 2017, 605, A16.	5.1	107
100	Robustness of N ₂ H ⁺ as tracer of the CO snowline. <i>Astronomy and Astrophysics</i> , 2017, 599, A101.	5.1	70
101	On the origin of O ₂ and other volatile species in comets. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 187-195.	0.0	3
102	The chemical connection between 67P/C-G and IRAS 16293-2422. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 196-201.	0.0	0
103	Astrochemistry: overview and challenges. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 3-22.	0.0	26
104	Physical properties of dusty protoplanetary disks in Lupus: evidence for viscous evolution?. <i>Astronomy and Astrophysics</i> , 2017, 606, A88.	5.1	109
105	ALMA unveils rings and gaps in the protoplanetary system HD 169142: signatures of two giant protoplanets. <i>Astronomy and Astrophysics</i> , 2017, 600, A72.	5.1	176
106	Setting the volatile composition of (exo)planet-building material. <i>Astronomy and Astrophysics</i> , 2016, 595, A83.	5.1	123
107	The (w)hole survey: An unbiased sample study of transition disk candidates based on <i>Spitzer</i> catalogs. <i>Astronomy and Astrophysics</i> , 2016, 592, A126.	5.1	60
108	Resolved gas cavities in transitional disks inferred from CO isotopologs with ALMA. <i>Astronomy and Astrophysics</i> , 2016, 585, A58.	5.1	166

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109	A primordial origin for molecular oxygen in comets: a chemical kinetics study of the formation and survival of O ₂ ice from clouds to discs. Monthly Notices of the Royal Astronomical Society, 2016, 462, S99-S115.	4.4	70
110	Determining protoplanetary disk gas masses from CO isotopologues line observations. Astronomy and Astrophysics, 2016, 594, A85.	5.1	100
111	THE RADIAL DISTRIBUTION OF H ₂ AND CO IN TW HYA AS REVEALED BY RESOLVED ALMA OBSERVATIONS OF CO ISOTOPOLOGUES. Astrophysical Journal, 2016, 823, 91.	4.5	163
112	Observations and modelling of CO and [C ¹⁸ O] in protoplanetary disks. Astronomy and Astrophysics, 2016, 588, A108.	5.1	64
113	ALMA SURVEY OF LUPUS PROTOPLANETARY DISKS. I. DUST AND GAS MASSES. Astrophysical Journal, 2016, 828, 46.	4.5	478
114	The ALMA Protostellar Interferometric Line Survey (PILS). Astronomy and Astrophysics, 2016, 595, A117.	5.1	267
115	Simultaneous hydrogenation and UV-photolysis experiments of NO in CO-rich interstellar ice analogues; linking HNCO, OCN ⁺ , NH ₂ CHO, and NH ₂ OH. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4297-4309.	4.4	67
116	Evidence for a correlation between mass accretion rates onto young stars and the mass of their protoplanetary disks. Astronomy and Astrophysics, 2016, 591, L3.	5.1	134
117	DOUBLE DCO ⁺ RINGS REVEAL CO ICE DESORPTION IN THE OUTER DISK AROUND IM LUP. Astrophysical Journal, 2015, 810, 112.	4.5	83
118	The molecular universe: from observations to laboratory and back. Proceedings of the International Astronomical Union, 2015, 11, 299-304.	0.0	0
119	The molecular composition of the planet-forming regions of protoplanetary disks across the luminosity regime. Astronomy and Astrophysics, 2015, 582, A88.	5.1	133
120	Gas density drops inside dust cavities of transitional disks around young stars observed with ALMA. Astronomy and Astrophysics, 2015, 579, A106.	5.1	139
121	Photodesorption of H ₂ O, HDO, and D ₂ O ice and its impact on fractionation. Astronomy and Astrophysics, 2015, 575, A121.	5.1	30
122	MOLECULAR OXYGEN IN OORT CLOUD COMET 1P/HALLEY. Astrophysical Journal Letters, 2015, 815, L11.	8.3	55
123	HERSCHEL SURVEY OF GALACTIC OH ⁺ , H ₂ O ⁺ , AND H ₃ O ⁺ : PROBING THE MOLECULAR HYDROGEN FRACTION AND COSMIC-RAY IONIZATION RATE. Astrophysical Journal, 2015, 800, 40.	4.5	183
124	Abundant molecular oxygen in the coma of comet 67P/Churyumov-Gerasimenko. Nature, 2015, 526, 678-681.	27.8	260
125	Alexander Dalgarno: From atomic and molecular physics to astronomy and aeronomy. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9498-9499.	7.1	0
126	[O II] 63 μ m JETS IN CLASS 0 SOURCES DETECTED BY HERSCHEL. Astrophysical Journal, 2015, 801, 121.	4.5	49

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127	Testing particle trapping in transition disks with ALMA. <i>Astronomy and Astrophysics</i> , 2015, 584, A16.	5.1	55
128	Protoplanetary disk masses from CO isotopologue line emission. <i>Astronomy and Astrophysics</i> , 2014, 572, A96.	5.1	125
129	Gas structure inside dust cavities of transition disks: Ophiuchus IRS 48 observed by ALMA. <i>Astronomy and Astrophysics</i> , 2014, 562, A26.	5.1	108
130	HERSCHEL/HIFI OBSERVATIONS OF O ₂ TOWARD ORION: SPECIAL CONDITIONS FOR SHOCK ENHANCED EMISSION. <i>Astrophysical Journal</i> , 2014, 793, 111.	4.5	33
131	HIGH D ₂ /O/HDO RATIO IN THE INNER REGIONS OF THE LOW-MASS PROTOSTAR NGC 1333 IRAS2A. <i>Astrophysical Journal Letters</i> , 2014, 792, L5.	8.3	37
132	A SUBSTELLAR-MASS PROTOSTAR AND ITS OUTFLOW OF IRAS 15398-3359 REVEALED BY SUBARCSECOND-RESOLUTION OBSERVATIONS OF H ₂ CO AND CCH. <i>Astrophysical Journal</i> , 2014, 795, 152.	4.5	61
133	A Major Asymmetric Dust Trap in a Transition Disk. <i>Science</i> , 2013, 340, 1199-1202.	12.6	492
134	An old disk still capable of forming a planetary system. <i>Nature</i> , 2013, 493, 644-646.	27.8	285
135	Interstellar Water Chemistry: From Laboratory to Observations. <i>Chemical Reviews</i> , 2013, 113, 9043-9085.	47.7	278
136	A RECENT ACCRETION BURST IN THE LOW-MASS PROTOSTAR IRAS 15398-3359: ALMA IMAGING OF ITS RELATED CHEMISTRY. <i>Astrophysical Journal Letters</i> , 2013, 779, L22.	8.3	85
137	VLT-CRIRES SURVEY OF ROVIBRATIONAL CO EMISSION FROM PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2013, 770, 94.	4.5	82
138	MEASURING PROTOPLANETARY DISK ACCRETION WITH H I PFUND \hat{I}^2 . <i>Astrophysical Journal</i> , 2013, 769, 21.	4.5	87
139	DIGIT survey of far-infrared lines from protoplanetary disks. <i>Astronomy and Astrophysics</i> , 2013, 559, A77.	5.1	95
140	ALMA imaging of the CO snowline of the HD 163296 disk with DCO ⁺ . <i>Astronomy and Astrophysics</i> , 2013, 557, A132.	5.1	88
141	FIRST DETECTION OF NEAR-INFRARED LINE EMISSION FROM ORGANICS IN YOUNG CIRCUMSTELLAR DISKS. <i>Astrophysical Journal</i> , 2012, 747, 92.	4.5	72
142	DETECTION OF THE SIMPLEST SUGAR, GLYCOLALDEHYDE, IN A SOLAR-TYPE PROTOSTAR WITH ALMA. <i>Astrophysical Journal Letters</i> , 2012, 757, L4.	8.3	207
143	A 30 AU RADIUS CO GAS HOLE IN THE DISK AROUND THE HERBIG Ae STAR Oph IRS 48. <i>Astrophysical Journal</i> , 2012, 744, 116.	4.5	50
144	Warm H ₂ O and OH in the disk around the Herbig star HD 163296. <i>Astronomy and Astrophysics</i> , 2012, 544, L9.	5.1	40

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145	The warm gas atmosphere of the HD100546 disk seen by <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2012, 541, A91.	5.1	185
146	Detection of the Water Reservoir in a Forming Planetary System. <i>Science</i> , 2011, 334, 338-340.	12.6	258
147	Disks and outflows in CO rovibrational emission from embedded, low-mass young stellar objects. <i>Astronomy and Astrophysics</i> , 2011, 533, A112.	5.1	37
148	THE <i>SPITZER</i> ICE LEGACY: ICE EVOLUTION FROM CORES TO PROTOSTARS. <i>Astrophysical Journal</i> , 2011, 740, 109.	4.5	423
149	Spectroscopic properties of young stellar objects in the Lupus molecular clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 1194-1207.	4.4	40
150	Single peaked CO emission line profiles from the inner regions of protoplanetary disks. <i>Astronomy and Astrophysics</i> , 2011, 527, A119.	5.1	72
151	Sensitive limits on the abundance of cold water vapor in the <i>Proxima Centauri</i> protoplanetary disk. <i>Astronomy and Astrophysics</i> , 2010, 521, L33.	5.1	76
152	A COLD COMPLEX CHEMISTRY TOWARD THE LOW-MASS PROTOSTAR B1-b: EVIDENCE FOR COMPLEX MOLECULE PRODUCTION IN ICES. <i>Astrophysical Journal</i> , 2010, 716, 825-834.	4.5	156
153	THE <i>SPITZER</i> SPECTROSCOPIC SURVEY OF ICES AROUND LOW-MASS YOUNG STELLAR OBJECTS. IV. NH_3 AND CH_3OH . <i>Astrophysical Journal</i> , 2010, 718, 1100-1117.	4.5	136
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