Cornelis Dullemond

List of Publications by Year
in descending order

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208 papers	20,239 citations	5896 81 h-index	11052 137 g-index
211 all docs	211 docs citations	211 times ranked	5049 citing authors

#	Article	IF	Citations
1	Dust entrainment in magnetically and thermally driven disk winds. Astronomy and Astrophysics, 2022, 659, A42.	5.1	11
2	Modeling the nonaxisymmetric structure in the HD 163296 disk with planet-disk interaction. Astronomy and Astrophysics, 2021, 647, A174.	5.1	15
3	Self-sustaining vortices in protoplanetary discs: Setting the stage for planetary system formation. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2685-2694.	4.4	6
4	Misaligned disks induced by infall. Astronomy and Astrophysics, 2021, 656, A161.	5.1	22
5	Late encounter events as source of disks and spiral structures. Astronomy and Astrophysics, 2020, 633, A3.	5.1	32
6	Global axisymmetric simulations of photoevaporation and magnetically driven protoplanetary disk winds. Astronomy and Astrophysics, 2020, 633, A21.	5.1	18
7	A Multifrequency ALMA Characterization of Substructures in the GM Aur Protoplanetary Disk. Astrophysical Journal, 2020, 891, 48.	4.5	54
8	Effect of wind-driven accretion on planetary migration. Astronomy and Astrophysics, 2020, 633, A4.	5.1	24
9	The efficiency of dust trapping in ringed protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2020, 495, 173-181.	4.4	49
10	The impact of planet wakes on the location and shape of the water ice line in a protoplanetary disk. Astronomy and Astrophysics, 2020, 633, A29.	5.1	22
11	Spiral arms in the protoplanetary disc HD100453 detected with ALMA: evidence for binaryâ€“disc interaction and a vertical temperature gradient. Monthly Notices of the Royal Astronomical Society, 2020, 491, 1335-1347.	4.4	60
12	Midplane temperature and outer edge of the protoplanetary disk around HD 163296. Astronomy and Astrophysics, 2020, 633, A137.	5.1	43
13	Importance of radiative effects in gap opening by planets in protoplanetary disks. Astronomy and Astrophysics, 2020, 637, A50.	5.1	19
14	Migration jumps of planets in transition discs. Astronomy and Astrophysics, 2020, 643, A87.	5.1	4
15	The Dynamic Proto-atmospheres around Low-mass Planets with Eccentric Orbits. Astrophysical Journal, 2020, 899, 54.	4.5	8
16	The DSHARP Rings: Evidence of Ongoing Planetesimal Formation?. Astrophysical Journal Letters, 2019, 884, L5.	8.3	57
17	Cloudlet capture by transitional disk and FU Orionis stars. Astronomy and Astrophysics, 2019, 628, A20.	5.1	44
18	Observability of forming planets and their circumplanetary discs II. â€“ SEDs and near-infrared fluxes. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1248-1258.	4.4	41

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19	One Solution to the Mass Budget Problem for Planet Formation: Optically Thick Disks with Dust Scattering. Astrophysical Journal Letters, 2019, 877, L18.	8.3	150
20	An Ideal Testbed for Planetâ€“Disk Interaction: Two Giant Protoplanets in Resonance Shaping the PDS 70 Protoplanetary Disk. Astrophysical Journal Letters, 2019, 884, L41.	8.3	57
21	Impact splash chondrule formation during planetesimal recycling. Icarus, 2018, 302, 27-43.	2.5	79
22	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. Astrophysical Journal Letters, 2018, 869, L50.	8.3	69
23	The Disk Substructures at High Angular Resolution Project (DSHARP). IX. A High-definition Study of the HD 163296 Planet-forming Disk. Astrophysical Journal Letters, 2018, 869, L49.	8.3	114
24	The Disk Substructures at High Angular Resolution Project (DSHARP). V. Interpreting ALMA Maps of Protoplanetary Disks in Terms of a Dust Model. Astrophysical Journal Letters, 2018, 869, L45.	8.3	199
25	The Disk Substructures at High Angular Resolution Project (DSHARP). VII. The Planetâ€“Disk Interactions Interpretation. Astrophysical Journal Letters, 2018, 869, L47.	8.3	289
26	The Disk Substructures at High Angular Resolution Project (DSHARP). IV. Characterizing Substructures and Interactions in Disks around Multiple Star Systems. Astrophysical Journal Letters, 2018, 869, L44.	8.3	86
27	The Disk Substructures at High Angular Resolution Program (DSHARP). VIII. The Rich Ringed Substructures in the AS 209 Disk. Astrophysical Journal Letters, 2018, 869, L48.	8.3	58
28	The Disk Substructures at High Angular Resolution Project (DSHARP). II. Characteristics of Annular Substructures. Astrophysical Journal Letters, 2018, 869, L42.	8.3	326
29	The Disk Substructures at High Angular Resolution Project (DSHARP). I. Motivation, Sample, Calibration, and Overview. Astrophysical Journal Letters, 2018, 869, L41.	8.3	732
30	The Disk Substructures at High Angular Resolution Project (DSHARP). VI. Dust Trapping in Thin-ringed Protoplanetary Disks. Astrophysical Journal Letters, 2018, 869, L46.	8.3	250
31	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. Astrophysical Journal Letters, 2018, 869, L43.	8.3	121
32	Dust-driven viscous ring-instability in protoplanetary disks. Astronomy and Astrophysics, 2018, 609, A50.	5.1	49
33	Surface waves in protoplanetary disks induced by outbursts: Concentric rings in scattered light. Astronomy and Astrophysics, 2018, 617, L7.	5.1	2
34	Planetesimal formation during protoplanetary disk buildup. Astronomy and Astrophysics, 2018, 614, A62.	5.1	57
35	The Millimeter Continuum Sizeâ€“Frequency Relationship in the UZ Tau E Disk. Astrophysical Journal, 2018, 861, 64.	4.5	27
36	Shadows and asymmetries in the T Tauri disk HD 143006: evidence for a misaligned inner disk. Astronomy and Astrophysics, 2018, 619, A171.	5.1	71

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37	Shadows and spirals in the protoplanetary disk HDâ€‰100453. Astronomy and Astrophysics, 2017, 597, A42.	5.1	147
38	Low-velocity collisions of chondrules: How a thin dust cover helps enhance the sticking probability. Astronomy and Astrophysics, 2017, 599, L4.	5.1	9
39	Efficiency of thermal relaxation by radiative processes in protoplanetary discs: constraints on hydrodynamic turbulence. Astronomy and Astrophysics, 2017, 605, A30.	5.1	47
40	Mid-infrared interferometric variability of DG Tauri: Implications for the inner-disk structure. Astronomy and Astrophysics, 2017, 604, A84.	5.1	9
41	A tunnel and a traffic jam: How transition disks maintain a detectable warm dust component despite the presence of a large planet-carved gap. Astronomy and Astrophysics, 2016, 585, A35.	5.1	46
42	GRAIN SIZE CONSTRAINTS ON HL TAU WITH POLARIZATION SIGNATURE. Astrophysical Journal, 2016, 820, 54.	4.5	86
43	FORMING CHONDRULES IN IMPACT SPLASHES. II. VOLATILE RETENTION. Astrophysical Journal, 2016, 832, 91.	4.5	11
44	SUBMILLIMETER POLARIZATION OBSERVATION OF THE PROTOPLANETARY DISK AROUND HD 142527. Astrophysical Journal Letters, 2016, 831, L12.	8.3	88
45	Investigating dust trapping in transition disks with millimeter-wave polarization. Astronomy and Astrophysics, 2016, 593, A12.	5.1	38
46	Spiral density waves in a young protoplanetary disk. Science, 2016, 353, 1519-1521.	12.6	251
47	Multiwavelength analysis for interferometric (sub-)mm observations of protoplanetary disks. Astronomy and Astrophysics, 2016, 588, A53.	5.1	148
48	Spiral arms in scattered light images of protoplanetary discs: are they the signposts of planets?. Monthly Notices of the Royal Astronomical Society, 2015, 451, 1147-1157.	4.4	84
49	MILLIMETER-WAVE POLARIZATION OF PROTOPLANETARY DISKS DUE TO DUST SCATTERING. Astrophysical Journal, 2015, 809, 78.	4.5	197
50	GRAIN GROWTH IN THE CIRCUMSTELLAR DISKS OF THE YOUNG STARS CY Tau AND DoAr 25. Astrophysical Journal, 2015, 813, 41.	4.5	100
51	Scattered light images of spiral arms in marginally gravitationally unstable discs with an embedded planet. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1768-1778.	4.4	76
52	Radiation hydrodynamics including irradiation and adaptive mesh refinement with AZEuS. Astronomy and Astrophysics, 2015, 574, A81.	5.1	14
53	THE IMPACT OF DUST EVOLUTION AND PHOTOEVAPORATION ON DISK DISPERSAL. Astrophysical Journal, 2015, 804, 29.	4.5	128
54	Mean gas opacity for circumstellar environments and equilibrium temperature degeneracy. Astronomy and Astrophysics, 2014, 568, A91.	5.1	30

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55	Interferometer predictions with triangulated images: solving the multiscale problem. Monthly Notices of the Royal Astronomical Society, 2014, 440, 3285-3291.	4.4	0
56	RESOLVED MULTIFREQUENCY RADIO OBSERVATIONS OF GG Tau. Astrophysical Journal, 2014, 787, 148.	4.5	28
57	HERBIG STARS' NEAR-INFRARED EXCESS: AN ORIGIN IN THE PROTOSTELLAR DISK'S MAGNETICALLY SUPPORTED ATMOSPHERE. Astrophysical Journal, 2014, 780, 42.	4.5	36
58	A critical analysis of shock models for chondrule formation. Icarus, 2014, 242, 1-10.	2.5	15
59	Planet-vortex interaction: How a vortex can shepherd a planetary embryo. Astronomy and Astrophysics, 2014, 572, A61.	5.1	13
60	Can dust coagulation trigger streaming instability?. Astronomy and Astrophysics, 2014, 572, A78.	5.1	99
61	Millimetre spectral indices of transition disks and their relation to the cavity radius. Astronomy and Astrophysics, 2014, 564, A51.	5.1	51
62	Modeling dust growth in protoplanetary disks: The breakthrough case. Astronomy and Astrophysics, 2014, 567, A38.	5.1	37
63	A Major Asymmetric Dust Trap in a Transition Disk. Science, 2013, 340, 1199-1202.	12.6	492
64	Formation of (exoâ€“)planets. Astronomische Nachrichten, 2013, 334, 589-594.	1.2	3
65	Explaining millimeter-sized particles in brown dwarf disks. Astronomy and Astrophysics, 2013, 554, A95.	5.1	54
66	Planetesimal formation via sweep-up growth at the inner edge of dead zones. Astronomy and Astrophysics, 2013, 556, A37.	5.1	57
67	Planet formation in action: resolved gas and dust images of a transitional disk and its cavity. Proceedings of the International Astronomical Union, 2013, 8, 90-93.	0.0	0
68	TW Hydrae: multi-wavelength interferometry of a transition disk. Proceedings of the International Astronomical Union, 2013, 8, 104-108.	0.0	0
69	Asymmetric transition disks: Vorticity or eccentricity?. Astronomy and Astrophysics, 2013, 553, L3.	5.1	96
70	A quantification of hydrodynamical effects on protoplanetary dust growth. Astronomy and Astrophysics, 2013, 560, A96.	5.1	7
71	Observations of inhomogeneities in protoplanetary disks. EPJ Web of Conferences, 2013, 46, 01001.	0.3	1
72	Lopsided dust rings in transition disks. Astronomy and Astrophysics, 2013, 550, L8.	5.1	120

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73	MID-INFRARED SPECTRAL VARIABILITY ATLAS OF YOUNG STELLAR OBJECTS. Astrophysical Journal, Supplement Series, 2012, 201, 11.	7.7	35
74	CONSTRAINTS ON THE RADIAL VARIATION OF GRAIN GROWTH IN THE AS 209 CIRCUMSTELLAR DISK. Astrophysical Journal Letters, 2012, 760, L17.	8.3	192
75	KINEMATICS OF THE CO GAS IN THE INNER REGIONS OF THE TW Hya DISK. Astrophysical Journal, 2012, 757, 129.	4.5	83
76	Trapping dust particles in the outer regions of protoplanetary disks. Astronomy and Astrophysics, 2012, 538, A114.	5.1	298
77	Planetesimal formation by sweep-up: how the bouncing barrier can be beneficial to growth. Astronomy and Astrophysics, 2012, 540, A73.	5.1	169
78	THE 2008 OUTBURST OF EX Lupâ€"SILICATE CRYSTALS IN MOTION. Astrophysical Journal, 2012, 744, 118.	4.5	52
79	Understanding hydrogen recombination line observations with ALMA and EVLA. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2352-2368.	4.4	24
80	Breaking through: The effects of a velocity distribution on barriers to dust growth. Astronomy and Astrophysics, 2012, 544, L16.	5.1	135
81	PROBING INTERSTELLAR DUST WITH INFRARED ECHOES FROM THE Cas A SUPERNOVA. Astrophysical Journal, 2012, 750, 155.	4.5	4
82	Warm gas at 50 AU in the disk around Herbig Be star HDÂ100546. Astronomy and Astrophysics, 2012, 539, A81.	5.1	14
83	Possible planet-forming regions on submillimetre images. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1701-1712.	4.4	165
84	Breaking through: the effects of a velocity distribution on barriers to dust growth(Corrigendum). Astronomy and Astrophysics, 2012, 548, C1.	5.1	8
85	Dust size distributions in coagulation/fragmentation equilibrium: numerical solutions and analytical fits. Astronomy and Astrophysics, 2011, 525, A11.	5.1	197
86	RESOLVED IMAGES OF LARGE CAVITIES IN PROTOPLANETARY TRANSITION DISKS. Astrophysical Journal, 2011, 732, 42.	4.5	538
87	Spectral signatures of disk eccentricity in young binary systems. Astronomy and Astrophysics, 2011, 528, A93.	5.1	26
88	Accretion through the inner hole of transitional disks: what happens to the dust?. Astronomy and Astrophysics, 2011, 531, A101.	5.1	11
89	The first stages of planet formation in binary systems: how far can dust coagulation proceed?. Astronomy and Astrophysics, 2011, 527, A10.	5.1	33
90	FUNDAMENTAL VIBRATIONAL TRANSITION OF CO DURING THE OUTBURST OF EX LUPI IN 2008[,]. Astrophysical Journal, 2011, 728, 5.	4.5	29

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91	FORMATION OF PLANETARY CORES AT TYPE I MIGRATION TRAPS. Astrophysical Journal Letters, 2011, 728, L9.	8.3	58
92	IMPACT OF GRAIN EVOLUTION ON THE CHEMICAL STRUCTURE OF PROTOPLANETARY DISKS. Astrophysical Journal, 2011, 727, 76.	4.5	57
93	DUST PROPERTIES AND DISK STRUCTURE OF EVOLVED PROTOPLANETARY DISKS IN Cep OB2: GRAIN GROWTH, SETTLING, GAS AND DUST MASS, AND INSIDE-OUT EVOLUTION. Astrophysical Journal, 2011, 742, 39.	4.5	28
94	The outcome of protoplanetary dust growth: pebbles, boulders, or planetesimals?. Astronomy and Astrophysics, 2011, 534, A73.	5.1	68
95	NEAR-INFRARED SPECTROSCOPY OF EX Lupi IN OUTBURST. Astrophysical Journal, 2011, 736, 72.	4.5	39
96	Modelling CO emission - I. CO as a column density tracer and the X factor in molecular clouds. Monthly Notices of the Royal Astronomical Society, 2011, 412, 1686-1700.	4.4	184
97	Modelling CO emission - II. The physical characteristics that determine theâ€‚Xâ€‚factor in Galactic molecular clouds. Monthly Notices of the Royal Astronomical Society, 2011, 415, 3253-3274.	4.4	129
98	High-resolution spectroscopic view of planet formation sites. Proceedings of the International Astronomical Union, 2010, 6, 50-53.	0.0	1
99	A NEW CONDITION FOR THE TRANSITION FROM RUNAWAY TO OLIGARCHIC GROWTH. Astrophysical Journal Letters, 2010, 714, L103-L107.	8.3	62
100	UNDERSTANDING SPATIAL AND SPECTRAL MORPHOLOGIES OF ULTRACOMPACT H II REGIONS. Astrophysical Journal, 2010, 719, 831-843.	4.5	103
101	TRUNCATED DISKS IN TW Hya ASSOCIATION MULTIPLE STAR SYSTEMS. Astrophysical Journal, 2010, 710, 462-469.	4.5	78
102	STELLAR-MASS-DEPENDENT DISK STRUCTURE IN COEVAL PLANET-FORMING DISKS. Astrophysical Journal, 2010, 720, 1668-1673.	4.5	26
103	Gas- and dust evolution in protoplanetary disks. Astronomy and Astrophysics, 2010, 513, A79.	5.1	468
104	EVOLUTIONARY SIGNATURES IN THE FORMATION OF LOW-MASS PROTOSTARS. II. TOWARD RECONCILING MODELS AND OBSERVATIONS. Astrophysical Journal, 2010, 710, 470-502.	4.5	152
105	Equilibrium initialization and stability of three-dimensional gas discs. Monthly Notices of the Royal Astronomical Society, 2010, 407, 705-720.	4.4	40
106	Evolution of protoplanetary disk structures. , 2010, , 66-96.		2
107	PROTOPLANETARY DISK STRUCTURES IN OPHIUCHUS. II. EXTENSION TO FAINTER SOURCES. Astrophysical Journal, 2010, 723, 1241-1254.	4.5	332
108	The outcome of protoplanetary dust growth: pebbles, boulders, or planetesimals?. Astronomy and Astrophysics, 2010, 513, A56.	5.1	384

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109	Detectability of giant planets in protoplanetary disks by CO emission lines. Astronomy and Astrophysics, 2010, 523, A69.	5.1	27
110	Testing the theory of grain growth and fragmentation by millimeter observations of protoplanetary disks. Astronomy and Astrophysics, 2010, 516, L14.	5.1	95
111	Dust, Ice, and Gas In Time (DIGIT)Herschelprogram first results. Astronomy and Astrophysics, 2010, 518, L128.	5.1	38
112	The outcome of protoplanetary dust growth: pebbles, boulders, or planetesimals?. Astronomy and Astrophysics, 2010, 513, A57.	5.1	415
113	Sub-Keplerian accretion onto circumstellar disks. Astronomy and Astrophysics, 2010, 519, A28.	5.1	28
114	EVIDENCE FOR DUST CLEARING THROUGH RESOLVED SUBMILLIMETER IMAGING. Astrophysical Journal, 2009, 704, 496-502.	4.5	202
115	TIME EVOLUTION OF VISCOUS CIRCUMSTELLAR DISKS DUE TO PHOTOEVAPORATION BY FAR-ULTRAVIOLET, EXTREME-ULTRAVIOLET, AND X-RAY RADIATION FROM THE CENTRAL STAR. Astrophysical Journal, 2009, 705, 1237-1251.	4.5	216
116	DO WE REALLY KNOW THE DUST? SYSTEMATICS AND UNCERTAINTIES OF THE MID-INFRARED SPECTRAL ANALYSIS METHODS. Astrophysical Journal, 2009, 695, 1024-1041.	4.5	23
117	RADIATIVE TRANSFER MODELS OF MID-INFRARED H₂O LINES IN THE PLANET-FORMING REGION OF CIRCUMSTELLAR DISKS. Astrophysical Journal, 2009, 704, 1471-1481.	4.5	97
118	Dust retention in protoplanetary disks. Astronomy and Astrophysics, 2009, 503, L5-L8.	5.1	123
119	Benchmark problems for continuum radiative transfer. Astronomy and Astrophysics, 2009, 498, 967-980.	5.1	230
120	Radiative transfer in very optically thick circumstellar disks. Astronomy and Astrophysics, 2009, 497, 155-166.	5.1	174
121	The chemical history of molecules in circumstellar disks. Astronomy and Astrophysics, 2009, 495, 881-897.	5.1	179
122	A NEW RAYTRACER FOR MODELING ALMA-SCALE IMAGING OF LINES FROM PROTOPLANETARY DISKS. Astrophysical Journal, 2009, 704, 1482-1494.	4.5	34
123	C2D Spitzer-IRS spectra of disks around T Tauri stars. Astronomy and Astrophysics, 2009, 507, 327-345.	5.1	88
124	PROTOPLANETARY DISK STRUCTURES IN OPHIUCHUS. Astrophysical Journal, 2009, 700, 1502-1523.	4.5	542
125	Episodic formation of cometary material in the outburst of a young Sun-like star. Nature, 2009, 459, 224-226.	27.8	124
126	Evolution of protoplanetary disks. Proceedings of the International Astronomical Union, 2009, 5, 736-737.	0.0	0

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127	Model infrared spectra of passively heated proto-planetary disks surrounding intermediate-mass pre-main-sequence stars. Astronomy and Astrophysics, 2009, 496, 741-749.	5.1	3
128	Lack of PAH emission toward low-mass embedded young stellar objects. Astronomy and Astrophysics, 2009, 495, 837-846.	5.1	36
129	Dust coagulation and processing in an evolving disk. Physica Scripta, 2008, T130, 014015.	2.5	3
130	Measuring the Fraction of Obscured Quasars by the Infrared Luminosity of Unobscured Quasars. Astrophysical Journal, 2008, 679, 140-148.	4.5	119
131	Planetesimal formation near the snow line in MRI-driven turbulent protoplanetary disks. Astronomy and Astrophysics, 2008, 487, L1-L4.	5.1	122
132	A representative particle approach to coagulation and fragmentation of dust aggregates and fluid droplets. Astronomy and Astrophysics, 2008, 489, 931-941.	5.1	81
133	LkHÎ± 330: Evidence for Dust Clearing through Resolved Submillimeter Imaging. Astrophysical Journal, 2008, 675, L109-L112.	4.5	80
134	Coagulation, fragmentation and radial motion of solid particles in protoplanetary disks. Astronomy and Astrophysics, 2008, 480, 859-877.	5.1	502
135	Molecular hydrogen in the circumstellar environments of Herbig Ae/Be stars probed by FUSE. Astronomy and Astrophysics, 2008, 484, 225-239.	5.1	34
136	Coagulation of small grains in disks: the influence of residual infall and initial small-grain content. Astronomy and Astrophysics, 2008, 491, 663-670.	5.1	26
137	A search for mid-infrared molecular hydrogen emission from protoplanetary disks. Astronomy and Astrophysics, 2008, 477, 839-852.	5.1	39
138	A parameter study of self-consistent disk models around HerbigÂAeBeÂstars. Astronomy and Astrophysics, 2008, 492, 451-461.	5.1	21
139	Characterizing the nature of embedded young stellar objects through silicate, ice and millimeter observations. Astronomy and Astrophysics, 2008, 486, 245-254.	5.1	89
140	Size-sorting dust grains in the surface layers of protoplanetary disks. Astronomy and Astrophysics, 2008, 487, 205-209.	5.1	30
141	Dust sedimentation in protoplanetary disks with polycyclic aromatic hydrocarbons. Astronomy and Astrophysics, 2007, 473, 457-466.	5.1	37
142	ModelingSpitzerObservations of VV Ser. II. An Extended Quantumâ€heated Nebula and a Disk Shadow. Astrophysical Journal, 2007, 656, 991-1000.	4.5	22
143	Cold Disks: Spitzer Spectroscopy of Disks around Young Stars with Large Gaps. Astrophysical Journal, 2007, 664, L107-L110.	4.5	168
144	Probing Protoplanetary Disks with Silicate Emission: Where Is the Silicate Emission Zone?. Astrophysical Journal, 2007, 659, 680-684.	4.5	56

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145	Deep Spitzer Spectroscopy of the "Flying Saucer" Edge-on Disk: Large Grains beyond 50 AU. Astrophysical Journal, 2007, 658, L111-L114.	4.5	14
146	Searching for H₂ emission from protoplanetary disks using near- and mid-infrared high-resolution spectroscopy. Proceedings of the International Astronomical Union, 2007, 3, 359-368.	0.0	0
147	PAH chemistry and IR emission from circumstellar disks. Astronomy and Astrophysics, 2007, 466, 229-241.	5.1	82
148	Long-term infrared variability of the UX Ori-type star SV Cep. Monthly Notices of the Royal Astronomical Society, 2007, 374, 1242-1252.	4.4	29
149	Chemistry and line emission from evolving Herbig Ae disks. Astronomy and Astrophysics, 2007, 463, 203-216.	5.1	61
150	Survival of the mm-cm size grain population observed in protoplanetary disks. Astronomy and Astrophysics, 2007, 469, 1169-1182.	5.1	107
151	Dust crystallinity in protoplanetary disks: the effect of diffusion/viscosity ratio. Astronomy and Astrophysics, 2007, 471, 833-840.	5.1	20
152	High spatial resolution mid-infrared observations of the low-mass young star TW Hydrae. Astronomy and Astrophysics, 2007, 471, 173-185.	5.1	85
153	Spatial separation of small and large grains in the transitional disk around the young star IRS 48. Astronomy and Astrophysics, 2007, 469, L35-L38.	5.1	61
154	ModelingSpitzerObservations of VV Ser. I. The Circumstellar Disk of a UX Orionis Star. Astrophysical Journal, 2007, 656, 980-990.	4.5	38
155	Abundant Crystalline Silicates in the Disk of a Very Low Mass Star. Astrophysical Journal, 2007, 661, 361-367.	4.5	30
156	Dust coagulation in protoplanetary disks. , 2006, , 112-128.		30
157	C2D Spitzer-IRS spectra of disks around T Tauri stars. Astronomy and Astrophysics, 2006, 459, 545-556.	5.1	138
158	Crystalline Silicates as a Probe of Disk Formation History. Astrophysical Journal, 2006, 640, L67-L70.	4.5	54
159	TheSpitzerc2d Survey of Nearby Dense Cores. I. First Direct Detection of the Embedded Source in IRAM 04191+1522. Astrophysical Journal, 2006, 651, 945-959.	4.5	92
160	Accretion in Protoplanetary Disks: The Imprint of Core Properties. Astrophysical Journal, 2006, 645, L69-L72.	4.5	83
161	c2dSpitzerIRS Spectra of Disks around T Tauri Stars. I. Silicate Emission and Grain Growth. Astrophysical Journal, 2006, 639, 275-291.	4.5	206
162	Hot Organic Molecules toward a Young Low-Mass Star: A Look at Inner Disk Chemistry. Astrophysical Journal, 2006, 636, L145-L148.	4.5	112

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163	High-Resolution Spectroscopy in Tr 37: Gas Accretion Evolution in Evolved Dusty Disks. Astronomical Journal, 2006, 132, 2135-2155.	4.7	131
164	Mid-infrared imaging of the circumstellar dust around three Herbig Ae stars: HDÂ135344, CQÂTau, and HDÂ163296. Astronomy and Astrophysics, 2006, 460, 117-124.	5.1	36
165	Inner Rim of a Molecular Disk Spatially Resolved in Infrared CO Emission Lines. Astrophysical Journal, 2006, 652, 758-762.	4.5	66
166	Ices in the Edgeâ€on Disk CRBR 2422.8â€3423:SpitzerSpectroscopy and Monte Carlo Radiative Transfer Modeling. Astrophysical Journal, 2005, 622, 463-481.	4.5	126
167	Protostellar Holes: Spitzer Space Telescope Observations of the Protostellar Binary IRAS 16293-2422. Astrophysical Journal, 2005, 631, L77-L80.	4.5	36
168	Clumpy tori around active galactic nuclei. Astronomy and Astrophysics, 2005, 436, 47-56.	5.1	96
169	Dust coagulation in protoplanetary disks: A rapid depletion ofÂsmallÂgrains. Astronomy and Astrophysics, 2005, 434, 971-986.	5.1	552
170	Chemistry and Line Emission of Outer Protoplanetary Disks. Proceedings of the International Astronomical Union, 2005, 1, 377.	0.0	5
171	[Oâ€‰I] 6300ÂÅ... emission in Herbig Ae/Be systems: Signature of Keplerian rotation. Astronomy and Astrophysics, 2005, 436, 209-230.	5.1	135
172	Radiative transfer in clumpy tori: what happens to the 10-Î¼m feature?. AIP Conference Proceedings, 2005, , .	0.4	0
173	Projection of circumstellar disks on their environments. Astronomy and Astrophysics, 2005, 435, 595-610.	5.1	28
174	The Onset of Planet Formation in Brown Dwarf Disks. Science, 2005, 310, 834-836.	12.6	177
175	A submillimeter exponential disk in MÂ51: Evidence for an extended cold dust disk. Astronomy and Astrophysics, 2005, 430, 427-434.	5.1	32
176	Flaring and self-shadowed disks around Herbig Ae stars: simulations for 10ÂÎ¼m interferometers. Astronomy and Astrophysics, 2005, 441, 563-571.	5.1	32
177	Evaporation of ion-irradiated disks. Astronomy and Astrophysics, 2005, 434, 415-422.	5.1	20
178	Herbig Ae/Be Star Disks at High Angular Resolution. Symposium - International Astronomical Union, 2004, 221, 389-394.	0.1	0
179	Mid-infrared sizes of circumstellar disks around Herbig Ae/Be stars measured with MIDI on the VLTI. Astronomy and Astrophysics, 2004, 423, 537-548.	5.1	172
180	The effect of dust settling on the appearance of protoplanetary disks. Astronomy and Astrophysics, 2004, 421, 1075-1086.	5.1	359

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181	Grain growth and dust settling in a brown dwarf disk. Astronomy and Astrophysics, 2004, 426, L53-L57.	5.1	43
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