

Nagayoshi Ohashi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122
papers

5,265
citations

44
h-index

70
g-index

126
ext. papers

5,744
ext. citations

5.4
avg, IF

4.97
L-index

#	Paper	IF	Citations
122	Which Part of Dense Cores Feeds Material to Protostars? The Case of L1489 IRS. <i>Astrophysical Journal</i> , 2022 , 925, 12	4.7	0
121	B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. <i>Astrophysical Journal</i> , 2022 , 926, 163	4.7	1
120	OMC-1 dust polarization in ALMA Band 7: diagnosing grain alignment mechanisms in the vicinity of Orion Source I. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 503, 3414-3433	4.3	4
119	Dust polarized emission observations of NGC 6334. <i>Astronomy and Astrophysics</i> , 2021 , 647, A78	5.1	11
118	The JCMT BISTRO Survey: Revealing the Diverse Magnetic Field Morphologies in Taurus Dense Cores with Sensitive Submillimeter Polarimetry. <i>Astrophysical Journal Letters</i> , 2021 , 912, L27	7.9	3
117	The JCMT BISTRO Survey: Alignment between Outflows and Magnetic Fields in Dense Cores/Clumps. <i>Astrophysical Journal</i> , 2021 , 907, 33	4.7	4
116	Observations of Magnetic Fields Surrounding LkH α 01 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021 , 908, 10	4.7	5
115	The JCMT BISTRO Survey: An 850/450 μ m Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021 , 918, 85	4.7	3
114	The Surprisingly Low Carbon Mass in the Debris Disk around HD 32297. <i>Astrophysical Journal</i> , 2020 , 892, 99	4.7	6
113	Disk Structure around the Class I Protostar L1489 IRS Revealed by ALMA: A Warped-disk System. <i>Astrophysical Journal</i> , 2020 , 893, 51	4.7	9
112	Transition from Ordered Pinched to Warped Magnetic Field on a 100 au Scale in the Class 0 Protostar B335. <i>Astrophysical Journal</i> , 2020 , 893, 54	4.7	5
111	Circumbinary Disks of the Protostellar Binary Systems in the L1551 Region. <i>Astrophysical Journal</i> , 2020 , 898, 10	4.7	5
110	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. <i>Astrophysical Journal</i> , 2020 , 899, 28	4.7	16
109	JCMT POL-2 and ALMA Polarimetric Observations of 6000-100 au Scales in the Protostar B335: Linking Magnetic Field and Gas Kinematics in Observations and MHD Simulations. <i>Astrophysical Journal</i> , 2019 , 871, 243	4.7	10
108	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019 , 877, 88	4.7	26
107	The Flared Gas Structure of the Transitional Disk around Sz 91. <i>Astrophysical Journal</i> , 2019 , 871, 5	4.7	12
106	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019 , 876, 42	4.7	27

105	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core ρ Ophiuchus C. <i>Astrophysical Journal</i> , 2019 , 877, 43	4.7	23
104	No Detection of Cold Dust around the Potential Exocomet Host ρ Leo. <i>Research Notes of the AAS</i> , 2019 , 3, 39	0.8	1
103	Protostellar Evolution in Serpens Main: Possible Origin of Disk-size Diversity. <i>Astrophysical Journal</i> , 2019 , 887, 209	4.7	8
102	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018 , 861, 65	4.7	36
101	Magnetically regulated collapse in the B335 protostar? I. ALMA observations of the polarized dust emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 2760-2765	4.3	60
100	Constraint on ion-neutral drift velocity in the Class 0 protostar B335 from ALMA observations. <i>Astronomy and Astrophysics</i> , 2018 , 615, A58	5.1	10
99	A First Look at BISTRO Observations of the ρ Ph-A core. <i>Astrophysical Journal</i> , 2018 , 859, 4	4.7	34
98	Planet Formation in AB Aurigae: Imaging of the Inner Gaseous Spirals Observed inside the Dust Cavity. <i>Astrophysical Journal</i> , 2017 , 840, 32	4.7	62
97	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017 , 842, 66	4.7	57
96	SIGNS OF EARLY-STAGE DISK GROWTH REVEALED WITH ALMA. <i>Astrophysical Journal</i> , 2017 , 834, 178	4.7	82
95	The Sizes and Depletions of the Dust and Gas Cavities in the Transitional Disk J160421.7-213028. <i>Astrophysical Journal</i> , 2017 , 836, 201	4.7	42
94	ALMA Observations of the Protostar L1527 IRS: Probing Details of the Disk and the Envelope Structures. <i>Astrophysical Journal</i> , 2017 , 849, 56	4.7	38
93	ALMA Observations of SMM11 Reveal an Extremely Young Protostar in Serpens Main Cluster. <i>Astrophysical Journal Letters</i> , 2017 , 850, L2	7.9	10
92	SPIRAL STRUCTURE AND DIFFERENTIAL DUST SIZE DISTRIBUTION IN THE LkH30 DISK. <i>Astronomical Journal</i> , 2016 , 152, 222	4.9	24
91	OBSERVATIONS OF INFALLING AND ROTATIONAL MOTIONS ON A 1000 AU SCALE AROUND 17 CLASS 0 AND 0/I PROTOSTARS: HINTS OF DISK GROWTH AND MAGNETIC BRAKING?. <i>Astrophysical Journal</i> , 2015 , 799, 193	4.7	61
90	THE STRUCTURE OF PRE-TRANSITIONAL PROTOPLANETARY DISKS. II. AZIMUTHAL ASYMMETRIES, DIFFERENT RADIAL DISTRIBUTIONS OF LARGE AND SMALL DUST GRAINS IN PDS 70,. <i>Astrophysical Journal</i> , 2015 , 799, 43	4.7	54
89	DISCOVERY OF A DISK GAP CANDIDATE AT 20 AU IN TW HYDRAE. <i>Astrophysical Journal Letters</i> , 2015 , 802, L17	7.9	68
88	EXTREMELY BRIGHT SUBMILLIMETER GALAXIES BEYOND THE LUPUS-I STAR-FORMING REGION. <i>Astrophysical Journal</i> , 2015 , 808, 121	4.7	2

87	ALMA OBSERVATIONS OF THE TRANSITION FROM INFALL MOTION TO KEPLERIAN ROTATION AROUND THE LATE-PHASE PROTOSTAR TMC-1A. <i>Astrophysical Journal</i> , 2015 , 812, 27	4.7	64
86	THE 2014 ALMA LONG BASELINE CAMPAIGN: AN OVERVIEW. <i>Astrophysical Journal Letters</i> , 2015 , 808, L1	7.9	73
85	NO KEPLERIAN DISK >10 AU AROUND THE PROTOSTAR B335: MAGNETIC BRAKING OR YOUNG AGE?. <i>Astrophysical Journal</i> , 2015 , 812, 129	4.7	42
84	SMA and ALMA studies of protoplanetary disk formation around low-mass protostars. <i>Proceedings of the International Astronomical Union</i> , 2015 , 11, 126-129	0.1	
83	Change in the chemical composition of infalling gas forming a disk around a protostar. <i>Nature</i> , 2014 , 507, 78-80	50.4	150
82	A CHEMICAL VIEW OF PROTOSTELLAR-DISK FORMATION IN L1527. <i>Astrophysical Journal Letters</i> , 2014 , 791, L38	7.9	67
81	FORMATION OF A KEPLERIAN DISK IN THE INFALLING ENVELOPE AROUND L1527 IRS: TRANSFORMATION FROM INFALLING MOTIONS TO KEPLER MOTIONS. <i>Astrophysical Journal</i> , 2014 , 796, 131	4.7	139
80	HIGH-RESOLUTION SUBMILLIMETER AND NEAR-INFRARED STUDIES OF THE TRANSITION DISK AROUND Sz 91. <i>Astrophysical Journal</i> , 2014 , 783, 90	4.7	28
79	TRANSITION FROM THE INFALLING ENVELOPE TO THE KEPLERIAN DISK AROUND L1551 IRS 5. <i>Astrophysical Journal</i> , 2014 , 796, 70	4.7	51
78	ALMA OBSERVATIONS OF INFALLING FLOWS TOWARD THE KEPLERIAN DISK AROUND THE CLASS I PROTOSTAR L1489 IRS. <i>Astrophysical Journal</i> , 2014 , 793, 1	4.7	67
77	THE DISAPPEARING ENVELOPE AROUND THE TRANSITIONAL CLASS I OBJECT L43. <i>Astrophysical Journal</i> , 2014 , 789, 95	4.7	3
76	Local Enhancement of the Surface Density in the Protoplanetary Ring Surrounding HD 142527. <i>Publication of the Astronomical Society of Japan</i> , 2013 , 65, L14	3.2	120
75	UNVEILING THE EVOLUTIONARY SEQUENCE FROM INFALLING ENVELOPES TO KEPLERIAN DISKS AROUND LOW-MASS PROTOSTARS. <i>Astrophysical Journal</i> , 2013 , 772, 22	4.7	66
74	DIRECT IMAGING OF A COMPACT MOLECULAR OUTFLOW FROM A VERY LOW LUMINOSITY OBJECT: L1521F-IRS. <i>Astrophysical Journal</i> , 2013 , 774, 20	4.7	30
73	IS FS Tau B DRIVING AN ASYMMETRIC JET?. <i>Astrophysical Journal</i> , 2012 , 749, 62	4.7	11
72	The circumstellar disk of AB Aurigae: evidence for envelope accretion at late stages of star formation?. <i>Astronomy and Astrophysics</i> , 2012 , 547, A84	5.1	84
71	High-Resolution Near-Infrared Polarimetry of a Circumstellar Disk around UX Tau A. <i>Publication of the Astronomical Society of Japan</i> , 2012 , 64, 124	3.2	34
70	Subarcsecond SMA observations of the prototype Class I object VLA1623 at 1.3 mm: a single protostar with a structured outflow cavity?. <i>Astronomy and Astrophysics</i> , 2012 , 539, A130	5.1	15

69	DISCOVERY OF SMALL-SCALE SPIRAL STRUCTURES IN THE DISK OF SAO 206462 (HD 135344B): IMPLICATIONS FOR THE PHYSICAL STATE OF THE DISK FROM SPIRAL DENSITY WAVE THEORY. <i>Astrophysical Journal Letters</i> , 2012 , 748, L22	7.9	273
68	CARBON-CHAIN AND ORGANIC MOLECULES AROUND VERY LOW LUMINOSITY PROTOSTELLAR OBJECTS OF L1521F-IRS AND IRAM 04191+1522. <i>Astrophysical Journal</i> , 2011 , 728, 101	4.7	6
67	KINEMATICS AND PHYSICAL CONDITIONS OF THE INNERMOST ENVELOPE IN B335. <i>Astrophysical Journal</i> , 2011 , 742, 57	4.7	34
66	DIRECT IMAGING OF FINE STRUCTURES IN GIANT PLANET-FORMING REGIONS OF THE PROTOPLANETARY DISK AROUND AB AURIGAE. <i>Astrophysical Journal Letters</i> , 2011 , 729, L17	7.9	181
65	MILLIMETER OBSERVATIONS OF THE TRANSITION DISK AROUND HD 135344B (SAO 206462). <i>Astronomical Journal</i> , 2011 , 142, 151	4.9	48
64	MILLIMETER DUST EMISSION IN THE GQ LUP SYSTEM. <i>Astronomical Journal</i> , 2010 , 139, 626-629	4.9	30
63	CANDIDATE CORONAGRAPHIC DETECTIONS OF PROTOPLANETARY DISKS AROUND FOUR YOUNG STARS. <i>Astronomical Journal</i> , 2010 , 139, 1015-1027	4.9	4
62	HIGH-VELOCITY JETS AND SLOWLY ROTATING ENVELOPE IN B335. <i>Astrophysical Journal</i> , 2010 , 710, 1786-1799	4.7	36
61	HIGH-RESOLUTION OBSERVATIONS OF DUST CONTINUUM EMISSION AT 340 GHz FROM THE LOW-MASS T TAURI STAR FN TAURI. <i>Astrophysical Journal</i> , 2010 , 712, 397-404	4.7	5
60	DIRECT DETECTION OF A FLARED DISK AROUND A YOUNG MASSIVE STAR HD200775 AND ITS 10 TO 1000 AU SCALE PROPERTIES. <i>Astrophysical Journal</i> , 2009 , 706, 665-675	4.7	26
59	GUM 48d: AN EVOLVED H II REGION WITH ONGOING STAR FORMATION. <i>Astrophysical Journal</i> , 2009 , 697, 133-147	4.7	8
58	First Confirmed Detection of a Bipolar Molecular Outflow from a Young Brown Dwarf. <i>Astrophysical Journal</i> , 2008 , 689, L141-L144	4.7	61
57	The CO Molecular Outflows of IRAS 16293-422 Probed by the Submillimeter Array. <i>Astrophysical Journal</i> , 2008 , 675, 454-463	4.7	39
56	Millimeter- and Submillimeter-Wave Observations of the OMC-2/3 Region. III. An Extensive Survey for Molecular Outflows. <i>Astrophysical Journal</i> , 2008 , 688, 344-361	4.7	56
55	Observational signature of planet formation: The ALMA view. <i>Astrophysics and Space Science</i> , 2008 , 313, 101-107	1.6	23
54	Observational signature of planet formation: The ALMA view 2008 , 101-107		
53	An Evolved Disk Surrounding the Massive Main-Sequence Star MWC 297?. <i>Astrophysical Journal</i> , 2007 , 667, L187-L190	4.7	17
52	654 GHz Continuum and C 18 O(6-5) Observations of G240.31+0.07 with the Submillimeter Array. <i>Astrophysical Journal</i> , 2007 , 654, L87-L90	4.7	8

51	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	4-7	210
50	Arcsecond-Resolution Submillimeter HCN Imaging of the Binary Protostar IRAS 16293-2422. <i>Astrophysical Journal</i> , 2007 , 662, 431-442	4-7	44
49	Possible Molecular Spiral Arms in the Protoplanetary Disk of AB Aurigae. <i>Astrophysical Journal</i> , 2006 , 645, 1297-1304	4-7	45
48	Infall in Protostellar Envelopes. <i>Symposium - International Astronomical Union</i> , 2004 , 221, 75-82		
47	Submillimeter Array Observations of CS J = 14-13 Emission from the Evolved Star IRC +10216. <i>Astrophysical Journal</i> , 2004 , 616, L51-L54	4-7	8
46	Organic Molecules in Low-Mass Protostellar Hot Cores: Submillimeter Imaging of IRAS 16293-2422. <i>Astrophysical Journal</i> , 2004 , 616, L27-L30	4-7	109
45	Imaging the Disk around TW Hydrae with the Submillimeter Array. <i>Astrophysical Journal</i> , 2004 , 616, L11-L14	4-7	157
44	Submillimeter Array Observations of L1551 IRS 5 in CS J = 7-6. <i>Astrophysical Journal</i> , 2004 , 616, L15-L18	4-7	29
43	Submillimeter Array Multiline observations of the Massive Star-forming region IRAS 18089-1732. <i>Astrophysical Journal</i> , 2004 , 616, L19-L22	4-7	10
42	Subarcsecond Submillimeter Continuum Observations of Orion KL. <i>Astrophysical Journal</i> , 2004 , 616, L31-L34	4-7	59
41	Mapping the Outflow from G5.89-0.39 in SiO J = 5 -> 4. <i>Astrophysical Journal</i> , 2004 , 616, L35-L38	4-7	30
40	Submillimeter Array 12 CO ($J=3-2$) Interferometric Observations of the Central Region of M51. <i>Astrophysical Journal</i> , 2004 , 616, L55-L58	4-7	48
39	Search for Calibrators for the Submillimeter Array. I. High-Mass Star-forming Regions. <i>Astrophysical Journal</i> , 2004 , 616, L39-L42	4-7	12
38	Physical Properties and Kinetic Structure of a Starless Core in Taurus Molecular Cloud. <i>Astrophysical Journal</i> , 2004 , 601, 962-978	4-7	25
37	Molecular Evolution in Collapsing Prestellar Cores. II. The Effect of Grain-Surface Reactions. <i>Astrophysical Journal</i> , 2003 , 593, 906-924	4-7	81
36	Interaction between the Outflow and the Core in IRAM 04191+1522. <i>Astrophysical Journal</i> , 2003 , 590, 932-943	4-7	19
35	Molecular Evolution in Collapsing Prestellar Cores. <i>Astrophysical Journal</i> , 2001 , 552, 639-653	4-7	181
34	Infall, Outflow, Rotation, and Turbulent Motions of Dense Gas within NGC 1333 IRAS 4. <i>Astrophysical Journal</i> , 2001 , 562, 770-789	4-7	145

33	Physical Properties of Molecular Envelopes in Low-Mass Star-Forming Regions. <i>Symposium - International Astronomical Union</i> , 2000 , 197, 61-70		
32	Interferometric Observation of the L483 Molecular Core. <i>Astrophysical Journal</i> , 2000 , 542, 344-351	4.7	21
31	CCS Imaging of the Starless Core L1544: An Envelope with Infall and Rotation. <i>Astrophysical Journal</i> , 1999 , 518, L41-L44	4.7	75
30	Aperture Synthesis C ¹⁸ O J= 1 $\bar{0}$ Observations of L1551 IRS 5: Detailed Structure of the Infalling Envelope. <i>Astrophysical Journal</i> , 1998 , 504, 314-333	4.7	77
29	Dynamical Collapse in W51 Massive Cores: CS (3 $\bar{2}$) and CH ₃ CN Observations. <i>Astrophysical Journal</i> , 1998 , 494, 636-656	4.7	123
28	Interferometric Imaging of IRAS 04368+2557 in the L1527 Molecular Cloud Core: A Dynamically Infalling Envelope with Rotation. <i>Astrophysical Journal</i> , 1997 , 475, 211-223	4.7	146
27	Detection of Infall Motion from the Circumstellar Disk Associated with the Exciting Source of HH 111. <i>Astrophysical Journal</i> , 1997 , 475, 683-692	4.7	20
26	Rotation in the Protostellar Envelopes around IRAS 04169+2702 and IRAS 04365+2535: The Size Scale for Dynamical Collapse. <i>Astrophysical Journal</i> , 1997 , 488, 317-329	4.7	98
25	High resolution observations of disks around protostellar sources with the Nobeyama Millimeter Array 1996 , 44-57		
24	High-Resolution Millimeter Imaging of L1641N: Multiple Cores With a Young Stellar Group. <i>Astronomical Journal</i> , 1996 , 112, 717	4.9	8
23	Interferometric Observations of Outflows From Low-Mass Protostars in Taurus. <i>Astronomical Journal</i> , 1996 , 112, 2076	4.9	36
22	The Nobeyama Millimeter Array Survey of Young Stellar Objects Associated with the Taurus Molecular Cloud. <i>Astrophysical Journal</i> , 1996 , 466, 317	4.7	57
21	Possible Infall in the Gas Disk around L1551 IRS 5. <i>Astrophysical Journal</i> , 1996 , 466, 957	4.7	54
20	The Dispersing Cloud Core around T Tauri. <i>Astrophysical Journal</i> , 1996 , 470, 1001	4.7	33
19	Observations of disks around protostellar sources with nobeyama millimeter array. <i>Astrophysics and Space Science</i> , 1995 , 224, 13-16	1.6	2
18	Physical properties of the outflow sources in taurus. <i>Astrophysics and Space Science</i> , 1995 , 224, 113-116	1.6	1
17	Dust Emission from L1641N: An Optically Thick Circumstellar Disk?. <i>Astrophysical Journal</i> , 1995 , 450, L71-L74	4.7	13
16	Detection of a Circumstellar Gas around DM Tauri: A Protoplanetary Disk around a Single Star?. <i>Astrophysical Journal</i> , 1995 , 449, 894	4.7	13

15	Interferometric Observations of the Circumstellar Molecular Structure around the Young Stellar Object in L1287. <i>Astrophysical Journal</i> , 1995 , 455, 175	4.7	11
14	Observations of Disks around Protostellar Sources with Nobeyama Millimeter Array 1995 , 13-16		
13	The Nobeyama Millimeter Array Survey for Protoplanetary Disks Around Protostar Candidates and T Tauri Stars in Taurus. <i>International Astronomical Union Colloquium</i> , 1994 , 140, 274-275		
12	The Nobeyama Millimeter Array Survey for protoplanetary disks around protostar candidates and T Tauri stars in Taurus. <i>Astrophysics and Space Science</i> , 1994 , 212, 239-250	1.6	2
11	Molecular cloud condensation as a tracer of low-mass star formation. <i>Nature</i> , 1994 , 368, 719-721	50.4	53
10	A C(18)O (J = 1 goes to 0) survey of protostellar candidates embedded in the Taurus molecular cloud. <i>Astrophysical Journal</i> , 1994 , 426, 234	4.7	11
9	Is HL Tauri and FU Orionis system in quiescence?. <i>Astrophysical Journal</i> , 1994 , 435, 821	4.7	28
8	The Nobeyama Millimeter Array Survey for Protoplanetary Disks Around Protostar Candidates and T Tauri Stars in Taurus 1994 , 239-250		
7	Molecular cloud cores in the Orion A cloud. I - Nobeyama CS (1-0) survey. <i>Astrophysical Journal</i> , 1993 , 404, 643	4.7	142
6	Detection of circumstellar gas associated with GG Tauri. <i>Astrophysical Journal</i> , 1993 , 409, 422	4.7	44
5	A Dynamically Accreting Gas Disk around HL Tauri. <i>Astrophysical Journal</i> , 1993 , 418, L71	4.7	120
4	Observations of 11 protostellar sources in Taurus with Nobeyama millimeter array - Growth of circumstellar disks. <i>Astronomical Journal</i> , 1991 , 102, 2054	4.9	57
3	An X-ray pulsator in the direction of molecular cloud MBM 12 (Lynds 1457). <i>Astrophysical Journal</i> , 1991 , 377, 240	4.7	5
2	Aperture synthesis CS(2-1) observations of a young stellar object GL 490 - Accretion flow in gas disk. <i>Astrophysical Journal</i> , 1991 , 383, L81	4.7	7
1	Star formation in bright-rimmed globules - Evidence for radiation-driven implosion. <i>Astrophysical Journal</i> , 1989 , 342, L87	4.7	78