

# Laurent Loinard

## List of Publications by Year in descending order

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130  
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5507  
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#	ARTICLE	IF	CITATIONS
1	The Variability of the Black Hole Image in M87 at the Dynamical Timescale. <i>Astrophysical Journal</i> , 2022, 925, 13.	4.5	6
2	Misaligned Rotations of the Envelope, Outflow, and Disks in the Multiple Protostellar System of VLA 1623â€“2417: FAUST. III. <i>Astrophysical Journal</i> , 2022, 927, 54.	4.5	7
3	First Sagittarius A* Event Horizon Telescope Results. III. Imaging of the Galactic Center Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L14.	8.3	163
4	Characterizing and Mitigating Intraday Variability: Reconstructing Source Structure in Accreting Black Holes with mm-VLBI. <i>Astrophysical Journal Letters</i> , 2022, 930, L21.	8.3	20
5	First Sagittarius A* Event Horizon Telescope Results. VI. Testing the Black Hole Metric. <i>Astrophysical Journal Letters</i> , 2022, 930, L17.	8.3	215
6	First Sagittarius A* Event Horizon Telescope Results. II. EHT and Multiwavelength Observations, Data Processing, and Calibration. <i>Astrophysical Journal Letters</i> , 2022, 930, L13.	8.3	142
7	First Sagittarius A* Event Horizon Telescope Results. IV. Variability, Morphology, and Black Hole Mass. <i>Astrophysical Journal Letters</i> , 2022, 930, L15.	8.3	137
8	First Sagittarius A* Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole in the Center of the Milky Way. <i>Astrophysical Journal Letters</i> , 2022, 930, L12.	8.3	568
9	Selective Dynamical Imaging of Interferometric Data. <i>Astrophysical Journal Letters</i> , 2022, 930, L18.	8.3	21
10	Millimeter Light Curves of Sagittarius A* Observed during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2022, 930, L19.	8.3	43
11	A Universal Power-law Prescription for Variability from Synthetic Images of Black Hole Accretion Flows. <i>Astrophysical Journal Letters</i> , 2022, 930, L20.	8.3	20
12	First Sagittarius A* Event Horizon Telescope Results. V. Testing Astrophysical Models of the Galactic Center Black Hole. <i>Astrophysical Journal Letters</i> , 2022, 930, L16.	8.3	187
13	Nonthermal Radio Continuum Emission from Young Nearby Stars. <i>Astrophysical Journal</i> , 2022, 931, 43.	4.5	3
14	The Population of Compact Radio Sources in M17. <i>Astronomical Journal</i> , 2022, 163, 276.	4.7	2
15	Unraveling the Innermost Jet Structure of OJ 287 with the First GMVA + ALMA Observations. <i>Astrophysical Journal</i> , 2022, 932, 72.	4.5	12
16	First M87 Event Horizon Telescope Results. VII. Polarization of the Ring. <i>Astrophysical Journal Letters</i> , 2021, 910, L12.	8.3	215
17	FAUST. II. Discovery of a Secondary Outflow in IRAS 15398âˆ“3359: Variability in Outflow Direction during the Earliest Stage of Star Formation?. <i>Astrophysical Journal</i> , 2021, 910, 11.	4.5	19
18	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	8.3	67

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19	First M87 Event Horizon Telescope Results. VIII. Magnetic Field Structure near The Event Horizon. <i>Astrophysical Journal Letters</i> , 2021, 910, L13.	8.3	297
20	Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign. <i>Astrophysical Journal Letters</i> , 2021, 911, L11.	8.3	56
21	The Polarized Image of a Synchrotron-emitting Ring of Gas Orbiting a Black Hole. <i>Astrophysical Journal</i> , 2021, 912, 35.	4.5	43
22	Event Horizon Telescope observations of the jet launching and collimation in Centaurus A. <i>Nature Astronomy</i> , 2021, 5, 1017-1028.	10.1	65
23	Discovery of 22 GHz Water Masers in the Serpens South Region. <i>Astronomical Journal</i> , 2021, 162, 68.	4.7	3
24	Persistent Non-Gaussian Structure in the Image of Sagittarius A* at 86 GHz. <i>Astrophysical Journal</i> , 2021, 915, 99.	4.5	19
25	Orbital and Mass Constraints of the Young Binary System IRAS 16293-2422 A. <i>Astrophysical Journal</i> , 2020, 897, 59.	4.5	33
26	Verification of Radiative Transfer Schemes for the EHT. <i>Astrophysical Journal</i> , 2020, 897, 148.	4.5	44
27	Proper Motions of the Radio Source Orion MR, Formerly Known as Orion n, and New Sources with Large Proper Motions in Orion BN/KL. <i>Astrophysical Journal</i> , 2020, 892, 82.	4.5	10
28	CO, Water, and Tentative Methanol in $\hat{\iota}$ Carinae Approaching Periastron. <i>Astrophysical Journal Letters</i> , 2020, 892, L23.	8.3	9
29	Hot Corinos Chemical Diversity: Myth or Reality?. <i>Astrophysical Journal Letters</i> , 2020, 896, L3.	8.3	41
30	THEMIS: A Parameter Estimation Framework for the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 897, 139.	4.5	47
31	Event Horizon Telescope imaging of the archetypal blazar 3C 279 at an extreme 20 microarcsecond resolution. <i>Astronomy and Astrophysics</i> , 2020, 640, A69.	5.1	54
32	Monitoring the Morphology of M87* in 2009–2017 with the Event Horizon Telescope. <i>Astrophysical Journal</i> , 2020, 901, 67.	4.5	51
33	Weak and Compact Radio Emission in Early High-mass Star-forming Regions. II. The Nature of the Radio Sources. <i>Astrophysical Journal</i> , 2019, 880, 99.	4.5	24
34	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 26.	7.7	175
35	On the Nature of the Compact Sources in IRAS 16293–2422 Seen at Centimeter to Submillimeter Wavelengths. <i>Astrophysical Journal</i> , 2019, 875, 94.	4.5	17
36	Spectroscopy of NGC 4258 Globular Cluster Candidates: Membership Confirmation and Kinematics. <i>Astrophysical Journal</i> , 2019, 876, 39.	4.5	5

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37	Flat-spectrum Radio Continuum Emission Associated with $\mu$ Eridani. <i>Astrophysical Journal</i> , 2019, 871, 172.	4.5	7
38	First M87 Event Horizon Telescope Results. III. Data Processing and Calibration. <i>Astrophysical Journal Letters</i> , 2019, 875, L3.	8.3	519
39	First M87 Event Horizon Telescope Results. II. Array and Instrumentation. <i>Astrophysical Journal Letters</i> , 2019, 875, L2.	8.3	618
40	First M87 Event Horizon Telescope Results. IV. Imaging the Central Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L4.	8.3	806
41	First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L1.	8.3	2,264
42	First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring. <i>Astrophysical Journal Letters</i> , 2019, 875, L5.	8.3	814
43	First M87 Event Horizon Telescope Results. VI. The Shadow and Mass of the Central Black Hole. <i>Astrophysical Journal Letters</i> , 2019, 875, L6.	8.3	897
44	Micro-arcsecond structure of Sagittarius A <sup>*</sup> revealed by high-sensitivity 86 GHz VLBI observations. <i>Astronomy and Astrophysics</i> , 2019, 621, A119.	5.1	9
45	Modelling the abundance structure of isocyanic acid (HNCO) towards the low-mass solar type protostar IRAS 16293-2422. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 2014-2030.	4.4	11
46	VLBA Determination of the Distance to Nearby Star-forming Regions. VIII. The LkH $\alpha$ 101 Cluster. <i>Astrophysical Journal</i> , 2018, 853, 99.	4.5	8
47	VLBA Observations of Strong Anisotropic Radio Scattering Toward the Orion Nebula. <i>Astronomical Journal</i> , 2018, 155, 218.	4.7	1
48	The Gould's Belt Distances Survey (GOBELINS). IV. Distance, Depth, and Kinematics of the Taurus Star-forming Region. <i>Astrophysical Journal</i> , 2018, 859, 33.	4.5	80
49	The Gould's Belt Distances Survey (GOBELINS). V. Distances and Kinematics of the Perseus Molecular Cloud. <i>Astrophysical Journal</i> , 2018, 865, 73.	4.5	115
50	Gaia-DR2 Confirms VLBA Parallaxes in Ophiuchus, Serpens, and Aquila. <i>Astrophysical Journal Letters</i> , 2018, 869, L33.	8.3	89
51	Distances and Kinematics of Gould Belt Star-forming Regions with Gaia DR2 Results. <i>Astrophysical Journal</i> , 2018, 867, 151.	4.5	73
52	The Enigmatic Compact Radio Source Coincident with the Energetic X-Ray Pulsar PSR J1813-1749 and HESS J1813-178. <i>Astrophysical Journal</i> , 2018, 866, 100.	4.5	9
53	RADIO MEASUREMENTS OF THE STELLAR PROPER MOTIONS IN THE CORE OF THE ORION NEBULA CLUSTER. <i>Astrophysical Journal</i> , 2017, 834, 139.	4.5	35
54	THE GOULD'S BELT DISTANCES SURVEY (GOBELINS). I. TRIGONOMETRIC PARALLAX DISTANCES AND DEPTH OF THE OPHIUCHUS COMPLEX. <i>Astrophysical Journal</i> , 2017, 834, 141.	4.5	127

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55	THE GOULDâ€™S BELT DISTANCES SURVEY (GOBELINS). II. DISTANCES AND STRUCTURE TOWARD THE ORION MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2017, 834, 142.	4.5	193
56	THE GOULDâ€™S BELT DISTANCES SURVEY (GOBELINS). III. THE DISTANCE TO THE SERPENS/AQUILA MOLECULAR COMPLEX. <i>Astrophysical Journal</i> , 2017, 834, 143.	4.5	101
57	Molecular Outflows: Explosive versus Protostellar. <i>Astrophysical Journal</i> , 2017, 836, 133.	4.5	14
58	Star Formation Under the Outflow: The Discovery of a Non-thermal Jet from OMC-2 FIR 3 and Its Relationship to the Deeply Embedded FIR 4 Protostar. <i>Astrophysical Journal</i> , 2017, 840, 36.	4.5	23
59	THE PROPER MOTIONS OF THE DOUBLE RADIO SOURCE n IN THE ORION BN/KL REGION. <i>Astrophysical Journal</i> , 2017, 834, 140.	4.5	31
60	Searching for Compact Radio Sources Associated with UCH ii Regions. <i>Astrophysical Journal</i> , 2017, 836, 96.	4.5	6
61	The Relation Between Globular Cluster Systems and Supermassive Black Holes in Spiral Galaxies: The Case Study of NGC4258. <i>Astrophysical Journal</i> , 2017, 835, 184.	4.5	10
62	VLBA DETERMINATION OF THE DISTANCE TO NEARBY STAR-FORMING REGIONS. VII. MONOCEROS R2. <i>Astrophysical Journal</i> , 2016, 826, 201.	4.5	20
63	Asymmetric structure in SgrA* at 3Åmm from closure phase measurements with VLBA, GBT and LMT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1382-1392.	4.4	21
64	WEAK AND COMPACT RADIO EMISSION IN EARLY HIGH-MASS STAR-FORMING REGIONS. I. VLA OBSERVATIONS. <i>Astrophysical Journal</i> , Supplement Series, 2016, 227, 25.	7.7	53
65	PERSISTENT ASYMMETRIC STRUCTURE OF SAGITTARIUS A* ON EVENT HORIZON SCALES. <i>Astrophysical Journal</i> , 2016, 820, 90.	4.5	65
66	VARIABLE RADIO EMISSION FROM THE YOUNG STELLAR HOST OF A HOT JUPITER. <i>Astrophysical Journal</i> , 2016, 830, 107.	4.5	37
67	SPATIAL DISTRIBUTION AND KINEMATICS OF THE MOLECULAR MATERIAL ASSOCIATED WITH ETA CARINAE. <i>Astrophysical Journal</i> , 2016, 833, 48.	4.5	10
68	THE INTRINSIC SHAPE OF SAGITTARIUS A* AT 3.5 mm WAVELENGTH. <i>Astrophysical Journal</i> , 2016, 824, 40.	4.5	31
69	THE GOULDâ€™S BELT VERY LARGE ARRAY SURVEY. V. THE PERSEUS REGION. <i>Astrophysical Journal</i> , 2016, 818, 116.	4.5	16
70	ORIGIN AND KINEMATICS OF THE ERUPTIVE FLOW FROM XZ TAU REVEALED BY ALMA. <i>Astrophysical Journal Letters</i> , 2015, 811, L4.	8.3	12
71	PRE- AND POST-BURST RADIO OBSERVATIONS OF THE CLASS 0 PROTOSTAR HOPS 383 IN ORION. <i>Astrophysical Journal Letters</i> , 2015, 806, L32.	8.3	14
72	KINEMATICS OF THE OUTFLOW FROM THE YOUNG STAR DG TAU B: ROTATION IN THE VICINITIES OF AN OPTICAL JET. <i>Astrophysical Journal</i> , 2015, 798, 131.	4.5	26

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73	230 GHz VLBI OBSERVATIONS OF M87: EVENT-HORIZON-SCALE STRUCTURE DURING AN ENHANCED VERY-HIGH-ENERGY $\gamma$ RAY STATE IN 2012. <i>Astrophysical Journal</i> , 2015, 807, 150.	4.5	98
74	THE GOULD'S BELT VERY LARGE ARRAY SURVEY. IV. THE TAURUS-AURIGA COMPLEX. <i>Astrophysical Journal</i> , 2015, 801, 91.	4.5	36
75	A SUB-ARCSECOND SURVEY TOWARD CLASS 0 PROTOSTARS IN PERSEUS: SEARCHING FOR SIGNATURES OF PROTOSTELLAR DISKS. <i>Astrophysical Journal</i> , 2015, 805, 125.	4.5	83
76	INTERNAL AND RELATIVE MOTIONS OF THE TAURUS AND OPHIUCHUS STAR-FORMING REGIONS. <i>Astrophysical Journal</i> , 2015, 807, 119.	4.5	26
77	THE GOULD'S BELT VERY LARGE ARRAY SURVEY. II. THE SERPENS REGION. <i>Astrophysical Journal</i> , 2015, 805, 9.	4.5	23
78	THE GOULD'S BELT VERY LARGE ARRAY SURVEY. III. THE ORION REGION. <i>Astrophysical Journal</i> , 2014, 790, 49.	4.5	31
79	DEEP VLA IMAGES OF THE HH 124 IRS RADIO CLUSTER AND ITS SURROUNDINGS, AND A NEW DETERMINATION OF THE DISTANCE TO NGC 2264. <i>Astrophysical Journal</i> , 2014, 788, 162.	4.5	12
80	AN IONIZED OUTFLOW FROM AB AUR, A HERBIG AE STAR WITH A TRANSITIONAL DISK. <i>Astrophysical Journal Letters</i> , 2014, 793, L21.	8.3	29
81	ALMA and VLA observations of the outflows in IRAS 16293-2422. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 430, L10-L14.	3.3	32
82	ALMA 690 GHz OBSERVATIONS OF IRAS 16293-2422B: INFALL IN A HIGHLY OPTICALLY THICK DISK. <i>Astrophysical Journal Letters</i> , 2013, 764, L14.	8.3	51
83	THE GOULD'S BELT VERY LARGE ARRAY SURVEY. I. THE OPHIUCHUS COMPLEX. <i>Astrophysical Journal</i> , 2013, 775, 63.	4.5	57
84	FINE-SCALE STRUCTURE OF THE QUASAR 3C 279 MEASURED WITH 1.3 mm VERY LONG BASELINE INTERFEROMETRY. <i>Astrophysical Journal</i> , 2013, 772, 13.	4.5	30
85	MODELING THE RESOLVED DISK AROUND THE CLASS 0 PROTOSTAR L1527. <i>Astrophysical Journal</i> , 2013, 771, 48.	4.5	77
86	THE COMPACT, TIME-VARIABLE RADIO SOURCE PROJECTED INSIDE W3(OH): EVIDENCE FOR A PHOTOEVAPORATED DISK?. <i>Astrophysical Journal</i> , 2013, 772, 151.	4.5	10
87	A 10,000 YEAR OLD EXPLOSION IN DR21. <i>Astrophysical Journal Letters</i> , 2013, 765, L29.	8.3	28
88	VLA AND CARMA OBSERVATIONS OF PROTOSTARS IN THE CEPHEUS CLOUDS: SUB-ARCSECOND PROTO-BINARIES FORMED VIA DISK FRAGMENTATION. <i>Astrophysical Journal</i> , 2013, 779, 93.	4.5	46
89	MULTI-EPOCH VERY LONG BASELINE ARRAY OBSERVATIONS OF THE COMPACT WIND-COLLISION REGION IN THE QUADRUPLE SYSTEM Cyg OB2 #5. <i>Astrophysical Journal</i> , 2013, 763, 139.	4.5	20
90	MILLIMETER MULTIPLICITY IN DR21(OH): OUTFLOWS, MOLECULAR CORES, AND ENVELOPES. <i>Astrophysical Journal</i> , 2012, 744, 86.	4.5	31

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91	VLBA DETERMINATION OF THE DISTANCE TO NEARBY STAR-FORMING REGIONS. V. DYNAMICAL MASS, DISTANCE, AND RADIO STRUCTURE OF V773 Tau A. <i>Astrophysical Journal</i> , 2012, 747, 18.	4.5	74
92	MOLECULES IN Î CARINAE. <i>Astrophysical Journal Letters</i> , 2012, 749, L4.	8.3	20
93	The Gould's Belt Distances Survey. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 36-43.	0.0	7
94	A SURPRISING DYNAMICAL MASS FOR V773 Tau B. <i>Astrophysical Journal</i> , 2012, 747, 17.	4.5	10
95	ALMA OBSERVATIONS OF THE OUTFLOW FROM SOURCE I IN THE ORION-KL REGION. <i>Astrophysical Journal Letters</i> , 2012, 754, L17.	8.3	29
96	A $\hat{1}40.2$ -solar-mass protostar with a Keplerian disk in the very young L1527 IRS system. <i>Nature</i> , 2012, 492, 83-85.	27.8	210
97	A ROTATING MOLECULAR JET FROM A PERSEUS PROTOSTAR. <i>Astrophysical Journal</i> , 2012, 751, 78.	4.5	29
98	DISCOVERY OF AN EXPANDING MOLECULAR BUBBLE IN ORION BN/KL. <i>Astrophysical Journal Letters</i> , 2011, 726, L12.	8.3	28
99	THE NON-THERMAL, TIME-VARIABLE RADIO EMISSION FROM Cyg OB2 #5: A WIND-COLLISION REGION. <i>Astrophysical Journal</i> , 2011, 737, 30.	4.5	17
100	VLBA DETERMINATION OF THE DISTANCE TO NEARBY STAR-FORMING REGIONS. VI. THE DISTANCE TO THE YOUNG STELLAR OBJECT HW 9 IN CEPHEUS A. <i>Astrophysical Journal</i> , 2011, 733, 71.	4.5	42
101	A distance estimate based on angular expansion for the planetary nebula NGCâ€Œ6881. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 3129-3133.	4.4	4
102	EXPANDED VERY LARGE ARRAY OBSERVATIONS OF THE H66Î± AND He66Î± RECOMBINATION LINES TOWARD MWC 349A. <i>Astrophysical Journal Letters</i> , 2010, 722, L100-L103.	8.3	3
103	THE INNER ENVELOPE AND DISK OF L1527 REVEALED: GEMINI <i>L</i> â€²-BAND-SCATTERED LIGHT IMAGING. <i>Astrophysical Journal Letters</i> , 2010, 722, L12-L17.	8.3	37
104	VLBA DETERMINATION OF THE DISTANCE TO NEARBY STAR-FORMING REGIONS. IV. A PRELIMINARY DISTANCE TO THE PROTO-HERBIG AeBe STAR EC 95 IN THE SERPENS CORE. <i>Astrophysical Journal</i> , 2010, 718, 610-619.	4.5	133
105	Tracers of stellar mass loss - I. Optical and near-IR colours and surface brightness fluctuations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 1213-1238.	4.4	25
106	CONFIRMATION OF A RECENT BIPOLAR EJECTION IN THE VERY YOUNG HIERARCHICAL MULTIPLE SYSTEM IRAS 16293-2422. <i>Astrophysical Journal</i> , 2010, 712, 1403-1409.	4.5	43
107	VLBA DETERMINATION OF THE DISTANCE TO NEARBY STAR-FORMING REGIONS. III. HP TAU/G2 AND THE THREE-DIMENSIONAL STRUCTURE OF TAURUS. <i>Astrophysical Journal</i> , 2009, 698, 242-249.	4.5	145
108	EXPANSION PARALLAX OF THE PLANETARY NEBULA IC 418. <i>Astronomical Journal</i> , 2009, 138, 46-49.	4.7	18

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109	The orientations of molecular clouds in the outer Galaxy: evidence for the scale of the turbulence driver?. Monthly Notices of the Royal Astronomical Society, 2009, 398, 1201-1206.	4.4	18
110	Tidal forces as a regulator of star formation in Taurus. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 395, L81-L84.	3.3	22
111	Surface brightness fluctuations, tracers of stellar mass-loss?. Proceedings of the International Astronomical Union, 2009, 5, 48-51.	0.0	0
112	A Preliminary VLBA Distance to the Core of Ophiuchus, with an Accuracy of 4%. Astrophysical Journal, 2008, 675, L29-L32.	4.5	228
113	Monitoring the Large Proper Motions of Radio Sources in the Orion BN/KL Region. Astrophysical Journal, 2008, 685, 333-343.	4.5	88
114	On the Nature of the Extended Radio Emission Surrounding T Tauri South. Astrophysical Journal, 2007, 657, 916-924.	4.5	14
115	VLBA Determination of the Distance to Nearby Star-forming Regions. I. The Distance to T Tauri with 0.4% Accuracy. Astrophysical Journal, 2007, 671, 546-554.	4.5	147
116	VLBA Determination of the Distance to Nearby Star-forming Regions. II. Hubble 4 and HDE 283572 in Taurus. Astrophysical Journal, 2007, 671, 1813-1819.	4.5	138
117	New Radio Sources and the Composite Structure of Component B in the Very Young Protostellar System IRAS 16293 <sup>~</sup> 2422. Astrophysical Journal, 2007, 670, 1353-1360.	4.5	28
118	A Comparison between Anomalous 6 cm H <sub>2</sub> CO Absorption and CO(1 <sup>~</sup> 0) Emission in the L1204/S140 Region. Astrophysical Journal, 2007, 663, 824-833.	4.5	8
119	Anomalous H <sub>2</sub> CO Absorption toward the Galactic Anticenter: A Blind Search for Dense Molecular Clouds. Astrophysical Journal, 2006, 652, 1230-1239.	4.5	14
120	Multiepoch VLBA Observations of T Tauri South. Astrophysical Journal, 2005, 619, L179-L182.	4.5	70
121	Dynamical Decay of a Massive Multiple System in Orion KL?. Astrophysical Journal, 2005, 635, 1166-1172.	4.5	82
122	IRAS 16293-2422B: A Compact, Possibly Isolated Protoplanetary Disk in a Class 0 Object. Astrophysical Journal, 2005, 621, L133-L136.	4.5	57
123	IRAS 16293 <sup>~</sup> 2422: Proper Motions, Jet Precession, the Hot Core, and the Unambiguous Detection of Infall. Astrophysical Journal, 2005, 632, 371-396.	4.5	129
124	Very Large Array Observations of Proper Motions in L1551 IRS 5. Astrophysical Journal, 2003, 583, 330-333.	4.5	40
125	The Opacity of Nearby Galaxies from Counts of Background Galaxies. II. Limits of the Synthetic Field Method. Astronomical Journal, 2003, 125, 1182-1203.	4.7	11
126	Ejection of a Low-Mass Star in a Young Stellar System in Taurus. Astrophysical Journal, 2003, 587, L47-L50.	4.5	35



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127	Improving the triaxial bulge model of M31. Monthly Notices of the Royal Astronomical Society, 2002, 336, 477-482.	4.4	15
128	Orbital Proper Motions in the Protobinary System L1527/IRAS 04368+2557?. Astrophysical Journal, 2002, 581, L109-L113.	4.5	38
129	Doubly Deuterated Molecular Species in Protostellar Environments. Astrophysical Journal, 2001, 552, L163-L166.	4.5	91
130	Cold Massive Molecular Clouds in the Inner Disk of M31. Astrophysical Journal, 1998, 499, 227-233.	4.5	24