

# Leonardo Bronfman

## List of Publications by Year in descending order

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166  
papers

8,365  
citations

44069

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46799

89  
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168  
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168  
docs citations

168  
times ranked

5004  
citing authors

#	ARTICLE	IF	CITATIONS
1	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Detection of a Dense SiO Jet in the Evolved Protostellar Phase. <i>Astrophysical Journal</i> , 2022, 925, 11.	4.5	6
2	A Spectral Survey of CH <sub>3</sub> CCH in the Hot Molecular Core G331.512-0.103. <i>Astrophysical Journal</i> , 2022, 925, 3.	4.5	4
3	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): A Hot Corino Survey toward Protostellar Cores in the Orion Cloud. <i>Astrophysical Journal</i> , 2022, 927, 218.	4.5	16
4	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions â€“ X. Chemical differentiation among the massive cores in G9.62+0.19. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4419-4440.	4.4	5
5	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Deriving Inclination Angle and Velocity of the Protostellar Jets from Their SiO Knots. <i>Astrophysical Journal Letters</i> , 2022, 931, L5.	8.3	7
6	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Evidence for a Molecular Jet Launched at an Unprecedented Early Phase of Protostellar Evolution. <i>Astrophysical Journal</i> , 2022, 931, 130.	4.5	6
7	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): How Do Dense Core Properties Affect the Multiplicity of Protostars?. <i>Astrophysical Journal</i> , 2022, 931, 158.	4.5	4
8	Digital calibration test results for Atacama Large Millimeter/submillimeter Array band 7+8 sideband separating receiver. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2022, 8, .	1.8	0
9	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP): Detection of Extremely High-density Compact Structure of Prestellar Cores and Multiple Substructures Within. <i>Astrophysical Journal Letters</i> , 2021, 907, L15.	8.3	16
10	A Compact Metamaterial-Based Antenna for Multiband Phased Array Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 8872-8877.	5.1	2
11	Isocyanic acid (HNCO) in the hot molecular core G331.512-0.103: observations and chemical modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4428-4444.	4.4	9
12	ATOMS: ALMA three-millimeter observations of massive star-forming regions â€“ III. Catalogues of candidate hot molecular cores and hyper/ultra compact H&#x2013; regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2801-2818.	4.4	23
13	An ALMA study of outflow parameters of protoclusters: outflow feedback to maintain the turbulence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4316-4334.	4.4	9
14	Characterization of dense <i>Planck</i> clumps observed with <i>Herschel</i> and SCUBA-2. <i>Astronomy and Astrophysics</i> , 2021, 654, A123.	5.1	3
15	ATOMS: ALMA three-millimeter observations of massive star-forming regions â€“ II. Compact objects in ACA observations and star formation scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2821-2835.	4.4	20
16	ALMA Observations Reveal No Preferred Outflow-filament and Outflow-magnetic Field Orientations in Protoclusters. <i>Astrophysical Journal</i> , 2020, 890, 44.	4.5	16
17	ATOMS: ALMA Three-millimeter Observations of Massive Star-forming regions â€“ I. Survey description and a first look at G9.62+0.19. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2790-2820.	4.4	45
18	Revealing the CO X-factor in Dark Molecular Gas through Sensitive ALMA Absorption Observations. <i>Astrophysical Journal Letters</i> , 2020, 889, L4.	8.3	9

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19	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP). I. Detection of New Hot Corinos with the ACA. <i>Astrophysical Journal</i> , 2020, 898, 107.	4.5	18
20	ALMA Survey of Orion Planck Galactic Cold Clumps (ALMASOP). II. Survey Overview: A First Look at 1.3 mm Continuum Maps and Molecular Outflows. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 20.	7.7	22
21	Unusual Galactic H ii Regions at the Intersection of the Central Molecular Zone and the Far Dust Lane. <i>Astrophysical Journal</i> , 2020, 901, 51.	4.5	4
22	A Compact Sideband Separating Downconverter With Excellent Return Loss and Good Conversion Gain for the W Band. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2019, 9, 572-580.	3.1	10
23	ALMA Observations of the Massive Molecular Outflow G331.512-0.103. II. Physical Properties, Kinematics, and Geometry Modeling. <i>Astrophysical Journal</i> , 2019, 872, 200.	4.5	11
24	Where is OH and Does It Trace the Dark Molecular Gas (DMG)?. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 1.	7.7	42
25	Optimized Corrugated Tapered Slot Antenna for mm-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 1227-1235.	5.1	22
26	G331.512+0.103: An Interstellar Laboratory for Molecular Synthesis. I. The Ortho-to-para Ratios for CH <sub>3</sub> OH and CH <sub>3</sub> CN. <i>Astrophysical Journal</i> , 2018, 853, 152.	4.5	8
27	The TOP-SCOPE Survey of Planck Galactic Cold Clumps: Survey Overview and Results of an Exemplar Source, PGCC G26.53+0.17. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 28.	7.7	50
28	Dust spectrum and polarisation at 850 $\mu$ m in the massive IRDC G035.39-00.33. <i>Astronomy and Astrophysics</i> , 2018, 620, A26.	5.1	22
29	Chemistry of the High-mass Protostellar Molecular Clump IRAS 16562+3959. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 45.	7.7	23
30	Dust-Gas Scaling Relations and OH Abundance in the Galactic ISM. <i>Astrophysical Journal</i> , 2018, 862, 49.	4.5	49
31	Complex Dielectric Permittivity of Engineering and 3D-Printing Polymers at Q-Band. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2018, 39, 1140-1147.	2.2	22
32	Systematic study of the cross polarization introduced by broadband antireflection layers at microwave frequencies. <i>Applied Optics</i> , 2018, 57, 9223.	1.8	4
33	The University of Tokyo Atacama Observatory 6.5m telescope: project overview and current status. , 2018, , .		2
34	SEDIGISM: Structure, excitation, and dynamics of the inner Galactic interstellar medium. <i>Astronomy and Astrophysics</i> , 2017, 601, A124.	5.1	79
35	Large-scale Map of Millimeter-wavelength Hydrogen Radio Recombination Lines around a Young Massive Star Cluster. <i>Astrophysical Journal Letters</i> , 2017, 844, L25.	8.3	11
36	Control of deviations and prediction of surface roughness from micro machining of THz waveguides using acoustic emission signals. <i>Mechanical Systems and Signal Processing</i> , 2017, 85, 1020-1034.	8.0	29

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37	High Efficiency Wideband Refractive Optics for ALMA Band-1 (35-52 GHz). Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 261-275.	2.2	9
38	ALMA survey of massive cluster progenitors from ATLASGAL. Astronomy and Astrophysics, 2017, 600, L10.	5.1	53
39	G345.45+1.50: an expanding ring-like structure with massive star formation. Astronomy and Astrophysics, 2016, 595, A88.	5.1	8
40	A broadband Orthomode Transducer for the new ALMA band 2+3 (67-116 GHz). , 2016, , .		2
41	FPGA-based digital signal processing for the next generation radio astronomy instruments: ultra-pure sideband separation and polarization detection. Proceedings of SPIE, 2016, , .	0.8	3
42	ALMA observations of the Thâ€28 protostellar disk. Astronomy and Astrophysics, 2016, 596, A88.	5.1	18
43	Scaled up low-mass star formation in massive star-forming cores in the G333 giant molecular cloud. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3429-3442.	4.4	6
44	The chemistry and kinematics of two molecular clouds near Sagittarius A*. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1363-1389.	4.4	0
45	STAR FORMATION LAWS IN BOTH GALACTIC MASSIVE CLUMPS AND EXTERNAL GALAXIES: EXTENSIVE STUDY WITH DUST CONTINUUM, HCN (4-3), AND CS (7-6). Astrophysical Journal, 2016, 829, 59.	4.5	38
46	The ATLASGAL survey: distribution of cold dust in the Galactic plane. Astronomy and Astrophysics, 2016, 585, A104.	5.1	54
47	New instrumentation for the 1.2m Southern Millimeter Wave Telescope (SMWT). Proceedings of SPIE, 2016, , .	0.8	0
48	Large-scale CO (<i></i>â€3) mapping toward the Orion-A giant molecular cloud. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	7
49	THE Q/U IMAGING EXPERIMENT: POLARIZATION MEASUREMENTS OF THE GALACTIC PLANE AT 43 AND 95 GHz. Astrophysical Journal, 2015, 811, 89.	4.5	9
50	Ultra-pure digital sideband separation at sub-millimeter wavelengths. Astronomy and Astrophysics, 2015, 584, A3.	5.1	7
51	ATLASGAL â€ Kinematic distances and the dense gas mass distribution of the inner Galaxy. Astronomy and Astrophysics, 2015, 579, A91.	5.1	93
52	Infrared dark clouds on the far side of the Galaxy. Astronomy and Astrophysics, 2015, 580, L7.	5.1	9
53	Omnidirectional bond-wire array antenna for 60 GHz wireless communication. , 2015, , .		2
54	An ATCA survey of Sagittarius B2 at 7Âm: chemical complexity meets broad-band interferometry. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3969-3993.	4.4	28

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55	Infall, outflow, and turbulence in massive star-forming cores in the G333 giant molecular cloud. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3246-3257.	4.4	8
56	The first Galaxy scale hunt for the youngest high-mass protostars. EAS Publications Series, 2015, 75-76, 255-258.	0.3	0
57	Molecules, dust, and protostars in NGC 3503. Astronomy and Astrophysics, 2014, 565, A30.	5.1	2
58	ATLASGAL â€œ Complete compact source catalogue: 280Â°<i>â„“</i>; 60Â°. Astronomy and Astrophysics, 2014, 568, A41.	5.1	91
59	GIANT MOLECULAR CLOUDS AND MASSIVE STAR FORMATION IN THE SOUTHERN MILKY WAY. Astrophysical Journal, Supplement Series, 2014, 212, 2.	7.7	60
60	TRACING H <sub>2</sub> COLUMN DENSITY WITH ATOMIC CARBON (C I) AND CO ISOTOPOLOGS. Astrophysical Journal Letters, 2014, 797, L17.	8.3	12
61	THE SLOW IONIZED WIND AND ROTATING DISKLIKE SYSTEM THAT ARE ASSOCIATED WITH THE HIGH-MASS YOUNG STELLAR OBJECT G345.4938+01.4677. Astrophysical Journal, 2014, 796, 117.	4.5	32
62	A digital sideband-separating receiver for the millimeter band. Proceedings of SPIE, 2014, , .	0.8	1
63	Design of the optical system for ALMA band 1. , 2014, , .		3
64	Overview of University of Tokyo Atacama Observatory 6.5m telescope project. Proceedings of SPIE, 2014, , .	0.8	1
65	Design of enclosure and support facilities for the University of Tokyo Atacama Observatory 6.5-m Telescope. , 2014, , .		0
66	ATLASGAL â€œ towards a complete sample of massive star forming clumpsâ€¦. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1555-1586.	4.4	175
67	A Sideband-separating Receiver with a Calibrated Digital If-Hybrid Spectrometer for the Millimeter Band. Publications of the Astronomical Society of the Pacific, 2014, 126, 380-385.	3.1	12
68	The ATLASGAL survey: a catalog of dust condensations in the Galactic plane. Astronomy and Astrophysics, 2014, 565, A75.	5.1	164
69	ALMA OBSERVATIONS OF THE MASSIVE MOLECULAR OUTFLOW G331.512â€œ0.103. Astrophysical Journal Letters, 2013, 774, L7.	8.3	12
70	LOW-VELOCITY SHOCKS TRACED BY EXTENDED SiO EMISSION ALONG THE W43 RIDGES: WITNESSING THE FORMATION OF YOUNG MASSIVE CLUSTERS. Astrophysical Journal, 2013, 775, 88.	4.5	92
71	A Calibrated Digital Sideband Separating Spectrometer for Radio Astronomy Applications. Publications of the Astronomical Society of the Pacific, 2013, 125, 263-269.	3.1	18
72	Development of a Transportable Telescope for Galactic Survey at 500 GHz in Antarctica. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 15-24.	3.1	2



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91	Ammonia from cold high-mass clumps discovered in the inner Galactic disk by the ATLASGAL survey. <i>Astronomy and Astrophysics</i> , 2012, 544, A146.	5.1	157
92	Search for starless clumps in the ATLASGAL survey. <i>Astronomy and Astrophysics</i> , 2012, 540, A113.	5.1	59
93	VVV DR1: The first data release of the Milky Way bulge and southern plane from the near-infrared ESO public survey VISTA variables in the VVV fields. <i>Astronomy and Astrophysics</i> , 2012, 537, A107.	5.1	312
94	The interplay between the young stellar super cluster Westerlund 1, and the surrounding interstellar medium. <i>EPJ Web of Conferences</i> , 2012, 19, 08006.	0.3	1
95	Construction and Measurement of a 31.3–45 GHz Optimized Spline-profile Horn with Corrugations. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2012, 33, 17-24.	2.2	9
96	Massive star formation in the GMC G345.5+1.0: spatial distribution of the dust emission. <i>Astronomy and Astrophysics</i> , 2011, 534, A131.	5.1	18
97	Photon dominated regions in NGC 3603. <i>Astronomy and Astrophysics</i> , 2011, 525, A8.	5.1	17
98	SiO outflows in high-mass star forming regions: A potential chemical clock?. <i>Astronomy and Astrophysics</i> , 2011, 526, L2.	5.1	51
99	FIRST SEASON QUIET OBSERVATIONS: MEASUREMENTS OF COSMIC MICROWAVE BACKGROUND POLARIZATION POWER SPECTRA AT 43 GHz IN THE MULTIPOLE RANGE $25 < \ell < 475$ . <i>Astrophysical Journal</i> , 2011, 741, 111.		84
100	W43: the closest molecular complex of the Galactic bar?. <i>Astronomy and Astrophysics</i> , 2011, 529, A41.	5.1	106
101	Dust-correlated cm wavelength continuum emission from translucent clouds $\rho$ Oph and LDN 1780. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2424-2435.	4.4	30
102	The Cosmic Background Imager 2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 2720-2729.	4.4	6
103	The University of Tokyo Atacama 1.0-m Telescope. <i>Proceedings of SPIE</i> , 2010, , .	0.8	20
104	Amplification system of ALMA Band 1. , 2010, , .		0
105	The University of Tokyo Atacama Observatory 6.5m telescope project. <i>Proceedings of SPIE</i> , 2010, , .	0.8	25
106	A gallery of bubbles. <i>Astronomy and Astrophysics</i> , 2010, 523, A6.	5.1	287
107	FOUR HIGHLY LUMINOUS MASSIVE STAR-FORMING REGIONS IN THE NORMA SPIRAL ARM. I. MOLECULAR GAS AND DUST OBSERVATIONS. <i>Astrophysical Journal</i> , 2010, 710, 567-582.	4.5	10
108	STAR-FORMING DENSE CLOUD CORES IN THE TeV GAMMA-RAY SNR RX J1713.7–3946. <i>Astrophysical Journal</i> , 2010, 724, 59-68.	4.5	68

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109	FOUR HIGHLY LUMINOUS MASSIVE STAR-FORMING REGIONS IN THE NORMA SPIRAL ARM. II. DEEP NEAR-INFRARED IMAGING. <i>Astrophysical Journal</i> , 2010, 710, 583-596.	4.5	14
110	MOLECULAR OUTFLOWS WITHIN THE FILAMENTARY INFRARED DARK CLOUD G34.43+0.24. <i>Astrophysical Journal</i> , 2010, 715, 18-32.	4.5	51
111	THE DISCOVERY OF A MOLECULAR CAVITY IN THE NORMA NEAR ARM ASSOCIATED WITH H.E.S.S. $\gamma$ -RAY SOURCE LOCATED IN THE DIRECTION OF WESTERLUND 1. <i>Astrophysical Journal Letters</i> , 2010, 713, L45-L49.	8.3	7
112	VISTA Variables in the Via Lactea (VVV): The public ESO near-IR variability survey of the Milky Way. <i>New Astronomy</i> , 2010, 15, 433-443.	1.8	698
113	A survey of the Galactic center region in $\text{HCO}^+$ , $\text{H}^{13}\text{CO}^+$ , and $\text{SiO}$ . <i>Astronomy and Astrophysics</i> , 2010, 523, A45.	5.1	34
114	Temperature and Density in the Foot Points of the Molecular Loops in the Galactic Center; Analysis of Multi- $J$ Transitions of $^{12}\text{CO}$ ( $J=1\rightarrow 0$ , $3\rightarrow 2$ , $4\rightarrow 3$ , $7\rightarrow 6$ ), $^{13}\text{CO}$ ( $J=1\rightarrow 0$ ), and $\text{C}^{18}\text{O}$ ( $J=2\rightarrow 1$ ). <i>ApJ</i> , 2010, 713, L100-L103.	5.1	110
115	The molecular environment of the Galactic star forming region G19.61 $\pm$ 0.23. <i>Astronomy and Astrophysics</i> , 2010, 520, A50.	5.1	3
116	ATLASGAL â€“ The APEX telescope large area survey of the galaxy at $870\mu\text{m}$ . <i>Astronomy and Astrophysics</i> , 2009, 504, 415-427.	5.1	577
117	Massive star formation in the southern Milky Way. <i>Astrophysics and Space Science</i> , 2008, 313, 81-85.	1.4	15
118	Site evaluations of the summit of Co. Chajnantor for infrared observations. <i>Proceedings of SPIE</i> , 2008, , .	0.8	12
119	The University of Tokyo Atacama 1.0-m telescope. , 2008, , .		7
120	New achievements of ASTE: the Atacama Submillimeter Telescope Experiment. <i>Proceedings of SPIE</i> , 2008, , .	0.8	50
121	Interferometric Mapping of Magnetic Fields: The Massive Star-forming Region G34.4+0.23 MM. <i>Astrophysical Journal</i> , 2008, 676, 464-471.	4.5	25
122	Discovery of an Extremely High Velocity, Massive, and Compact Molecular Outflow in Norma. <i>Astrophysical Journal</i> , 2008, 672, 391-397.	4.5	16
123	$^{12}\text{CO}(3-2)$ Emission in Spiral Galaxies: Warm Molecular Gas in Action?. <i>Astrophysical Journal</i> , 2008, 677, L13-L16.	4.5	5
124	Clumpy photon-dominated regions in Carina. <i>Astronomy and Astrophysics</i> , 2008, 477, 547-555.	5.1	50
125	$^{12}\text{CO}(4\rightarrow 3)$ and $[\text{CI}]\ 1\rightarrow 0$ at the centers of NGC 4945 and Circinus. <i>Astronomy and Astrophysics</i> , 2008, 479, 75-82.	5.1	24
126	Submillimeter line emission from LMC N159W: a dense, clumpy PDR in a low metallicity environment. <i>Astronomy and Astrophysics</i> , 2008, 482, 197-208.	5.1	27



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127	Spatially resolved near-infrared spectroscopy of the massive star-forming region IRAS 19410+2336. <i>Astronomy and Astrophysics</i> , 2008, 489, 229-243.	5.1	19
128	Spiral Structure in the Outer Galactic Disk. I. The Third Galactic Quadrant. <i>Astrophysical Journal</i> , 2008, 672, 930-939.	4.5	76
129	$^{12}\text{CO}(j=3\rightarrow 2)$ detections in bulges of low surface brightness galaxies with APEX. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 191-192.	0.0	0
130	Discovery of an energetic bipolar molecular outflow towards IRAS 16547-4247. <i>Astronomy and Astrophysics</i> , 2007, 463, 217-224.	5.1	25
131	CBI limits on 31 GHz excess emission in southern H II regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 297-307.	4.4	39
132	A comparison of density structures of a star forming and a non-star-forming globule. <i>Astronomy and Astrophysics</i> , 2007, 463, 1029-1037.	5.1	13
133	New evidence on the origin of the microquasar GRO J1655-40. <i>Astronomy and Astrophysics</i> , 2007, 467, 597-602.	5.1	2
134	Implications of the Cosmic Background Imager Polarization Data. <i>Astrophysical Journal</i> , 2007, 660, 976-987.	4.5	89
135	Molecular Outflows and a Mid-Infrared Census of the Massive Star Formation Region Associated with IRAS 18507+0121. <i>Astrophysical Journal</i> , 2007, 669, 464-482.	4.5	59
136	Molecular Gas, Kinematics, and OB Star Formation in the Spiral Arms of the Southern Milky Way. <i>Astrophysical Journal</i> , 2006, 641, 938-948.	4.5	53
137	Atomic Carbon in the Southern Milky Way. <i>Astrophysical Journal</i> , 2005, 623, 889-896.	4.5	21
138	CH 3 CN Observations toward Southern Massive Star-forming Regions. <i>Astrophysical Journal</i> , Supplement Series, 2005, 157, 279-301.	7.7	84
139	Polarization Observations with the Cosmic Background Imager. <i>Science</i> , 2004, 306, 836-844.	12.6	174
140	Anomalous Radio Emission from Dust in the Helix. <i>Astrophysical Journal</i> , 2004, 603, 599-610.	4.5	29
141	Vela X at 31 GHz. <i>Astrophysical Journal</i> , 2004, 613, 977-985.	4.5	16
142	Extended Mosaic Observations with the Cosmic Background Imager. <i>Astrophysical Journal</i> , 2004, 609, 498-512.	4.5	305
143	Discovery of Four New Massive and Dense Cold Cores. <i>Astrophysical Journal</i> , 2004, 610, 313-319.	4.5	65
144	SIMBA survey of southern high-mass star forming regions. <i>Astronomy and Astrophysics</i> , 2004, 426, 97-103.	5.1	195

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145	Discovery of a Massive Protostar near IRAS 18507+0121. <i>Astrophysical Journal</i> , 2004, 602, 850-859.	4.5	31
146	The Anisotropy of the Microwave Background $l=3500$ : Mosaic Observations with the Cosmic Background Imager. <i>Astrophysical Journal</i> , 2003, 591, 556-574.	4.5	253
147	The Anisotropy of the Microwave Background $l=3500$ : Deep Field Observations with the Cosmic Background Imager. <i>Astrophysical Journal</i> , 2003, 591, 540-555.	4.5	262
148	A Parsec-Scale Flow Associated with the IRAS 16547-4247 Radio Jet. <i>Astrophysical Journal</i> , 2003, 594, L131-L134.	4.5	32
149	Cosmological Parameters from Cosmic Background Imager Observations and Comparisons with BOOMERANG, DASI, and MAXIMA. <i>Astrophysical Journal</i> , 2003, 591, 599-622.	4.5	160
150	The Trumpler 14 photodissociation region in the Carina Nebula. <i>Astronomy and Astrophysics</i> , 2003, 412, 751-765.	5.1	50
151	Simba Survey Toward High-Mass Star Forming Regions in the Southern Hemisphere. , 2003, , 389-396.		0
152	The CO $J=2-1$ $\lambda$ Ratio in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2001, 551, 794-802.	4.0	17
153	The Tokyo $\text{CO}$ Survey. I. The Galactic Center Region. <i>Astrophysical Journal</i> , Supplement Series, 2001, 136, 189-219.	7.7	74
154	First Intrinsic Anisotropy Observations with the Cosmic Background Imager. <i>Astrophysical Journal</i> , 2001, 549, L1-L5.	4.5	133
155	Distance Limits on the Bright X-Ray Emission toward the Galactic Center: Evidence for a Very Hot Interstellar Medium in the Galactic X-Ray Bulge. <i>Astrophysical Journal</i> , 2000, 545, 290-300.	4.5	40
156	Molecular Clouds and Massive Star Formation in the Galactic Disk. <i>Astrophysics and Space Science Library</i> , 1999, , 39-56.	2.7	0
157	Supernova Remnants Associated with Molecular Clouds in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 1997, 480, 607-617.	4.5	64
158	Molecular Clouds and Young Massive Stars in the Galactic Disk. <i>Astrophysics and Space Science Library</i> , 1992, , 131-154.	2.7	17
159	C18O in the Chamaeleon I dark cloud. <i>Astrophysics and Space Science</i> , 1990, 171, 219-221.	1.4	3
160	The rotation of the Galaxy within the solar circle. <i>Astrophysical Journal</i> , 1990, 348, 495.	4.5	42
161	A deep CO survey of molecular clouds in the southern Milky Way. <i>Astrophysical Journal</i> , Supplement Series, 1989, 71, 481.	7.7	85
162	$^{13}\text{CO}$ in the southern Galactic plane. , 1988, , 318-319.		6

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163	A CO survey of the southern Milky Way - The mean radial distribution of molecular clouds within the solar circle. <i>Astrophysical Journal</i> , 1988, 324, 248.	4.5	208
164	Molecular clouds in the Carina arm - The largest objects, associated regions of star formation, and the Carina arm in the Galaxy. <i>Astrophysical Journal</i> , 1988, 331, 181.	4.5	124
165	Molecular clouds in the Carina arm - Large-scale properties of molecular gas and comparison with H I. <i>Astrophysical Journal</i> , 1987, 315, 122.	4.5	127
166	Molecular clouds in the Carina arm. <i>Astrophysical Journal</i> , 1985, 290, L15.	4.5	37