

Takashi Onaka

List of Publications by Year in descending order

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3124
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#	ARTICLE	IF	CITATIONS
1	B-fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main. <i>Astrophysical Journal</i> , 2022, 926, 163.	4.5	16
2	The JCMT BISTRO Survey: multiwavelength polarimetry of bright regions in NGC 2071 in the far-infrared/submillimetre range, with POL-2 and HAWC+. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1985-2002.	4.4	7
3	Theoretical study of infrared spectra of interstellar PAH molecules with N, NH, and NH ₂ incorporation. <i>Publication of the Astronomical Society of Japan</i> , 2022, 74, 161-174.	2.5	11
4	Detection of a Broad 8 μ m UIR Feature in the Mid-infrared Spectrum of WR 125 Observed with Subaru/COMICS. <i>Astrophysical Journal</i> , 2022, 930, 116.	4.5	3
5	PDRs4All: A JWST Early Release Science Program on Radiative Feedback from Massive Stars. <i>Publications of the Astronomical Society of the Pacific</i> , 2022, 134, 054301.	3.1	26
6	Laboratory Measurements of Stretching Band Strengths of Deuterated Quenched Carbonaceous Composites. <i>Astrophysical Journal</i> , 2022, 933, 35.	4.5	2
7	The JCMT BISTRO Survey: Alignment between Outflows and Magnetic Fields in Dense Cores/Clumps. <i>Astrophysical Journal</i> , 2021, 907, 33.	4.5	17
8	Observations of Magnetic Fields Surrounding LkH $\hat{\pm}$ 101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
9	Dust polarized emission observations of NGC 6334. <i>Astronomy and Astrophysics</i> , 2021, 647, A78.	5.1	41
10	The JCMT BISTRO-2 Survey: The Magnetic Field in the Center of the Rosette Molecular Cloud. <i>Astrophysical Journal</i> , 2021, 913, 57.	4.5	6
11	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.	8.3	21
12	The JCMT BISTRO Survey: The Distribution of Magnetic Field Strengths toward the OMC-1 Region. <i>Astrophysical Journal</i> , 2021, 913, 85.	4.5	19
13	Discovery of Two Infrared Objects with Strong Ice Absorption in the Akari Slitless Spectroscopic Survey of the Galactic Plane. <i>Astrophysical Journal</i> , 2021, 916, 75.	4.5	4
14	Chiral selection, isotopic abundance shifts, and autocatalysis of meteoritic amino acids. <i>Physical Review Research</i> , 2021, 3, .	3.6	4
15	On the Nature of Organic Dust in Novae. <i>Astrophysical Journal</i> , 2021, 917, 103.	4.5	9
16	The JCMT BISTRO Survey: An 850/450 μ m Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85.	4.5	13
17	Explaining the Variations in Isotopic Ratios in Meteoritic Amino Acids. <i>Astrobiology</i> , 2020, 20, 964-976.	3.0	1
18	Chemistry and Physics of a Low-metallicity Hot Core in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2020, 891, 164.	4.5	14

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19	DFT Study on Interstellar PAH Molecules with Aliphatic Side Groups. <i>Astrophysical Journal</i> , 2020, 892, 11.	4.5	17
20	Near-infrared [Fe II] and H ₂ Line Mapping of the Supernova Remnant IC 443 with the IRSF/SIRIUS. <i>Astrophysical Journal</i> , 2020, 899, 49.	4.5	7
21	The JCMT BISTRO Survey: Magnetic Fields Associated with a Network of Filaments in NGC 1333. <i>Astrophysical Journal</i> , 2020, 899, 28.	4.5	39
22	JCMT BISTRO Survey Observations of the Ophiuchus Molecular Cloud: Dust Grain Alignment Properties Inferred Using a Ricean Noise Model. <i>Astrophysical Journal</i> , 2019, 880, 27.	4.5	40
23	Probing the cold magnetised Universe with SPICA-POL (B-BOP). <i>Publications of the Astronomical Society of Australia</i> , 2019, 36, .	3.4	13
24	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
25	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core ρ Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
26	Astrophysical Sites that Can Produce Enantiomeric Amino Acids. <i>Symmetry</i> , 2019, 11, 23.	2.2	5
27	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
28	AKARI mid-infrared slit-less spectroscopic catalogue. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	2
29	Revised wavelength and spectral response calibrations for AKARI near-infrared grism spectroscopy: Post-cryogenic phase. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	4
30	Near-infrared to Mid-infrared Observations of Galaxy Mergers: NGC 2782 and NGC 7727. <i>Astrophysical Journal</i> , 2018, 853, 31.	4.5	8
31	Selection of Amino Acid Chirality via Neutrino Interactions with ^{14}N in Crossed Electric and Magnetic Fields. <i>Astrobiology</i> , 2018, 18, 190-206.	3.0	20
32	Sites that Can Produce Left-handed Amino Acids in the Supernova Neutrino Amino Acid Processing Model. <i>Astrophysical Journal</i> , 2018, 856, 26.	4.5	10
33	A Multiline Study of a High-mass Young Stellar Object in the Small Magellanic Cloud with ALMA: The Detection of Methanol Gas at 0.2 Solar Metallicity. <i>Astrophysical Journal</i> , 2018, 862, 102.	4.5	8
34	Processing of nano dust particles in galaxies. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 391-392.	0.0	0
35	A First Look at BISTRO Observations of the ρ Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46
36	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51

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37	Amino Acid Chiral Selection Via Weak Interactions in Stellar Environments: Implications for the Origin of Life. <i>Scientific Reports</i> , 2018, 8, 8833.	3.3	15
38	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
39	CONCURRENT FORMATION OF CARBON AND SILICATE DUST IN NOVA V1280 SCO. <i>Astrophysical Journal</i> , 2016, 817, 145.	4.5	21
40	AKARI NEAR-INFRARED SPECTROSCOPY OF THE EXTENDED GREEN OBJECT G318.05+0.09: DETECTION OF CO FUNDAMENTAL RO-VIBRATIONAL EMISSION. <i>Astrophysical Journal</i> , 2016, 829, 106.	4.5	3
41	Deuterated polycyclic aromatic hydrocarbons: Revisited. <i>Astronomy and Astrophysics</i> , 2016, 586, A65.	5.1	23
42	VLT/ISAAC infrared spectroscopy of embedded high-mass YSOs in the Large Magellanic Cloud: Methanol and the 3.47 μm band. <i>Astronomy and Astrophysics</i> , 2016, 585, A107.	5.1	24
43	MODELING OF THE ZODIACAL EMISSION FOR THE AKARI/IRC MID-INFRARED ALL-SKY DIFFUSE MAPS. <i>Astronomical Journal</i> , 2016, 151, 71.	4.7	17
44	SPATIAL VARIATIONS OF PAH PROPERTIES IN M17SW REVEALED BY SPITZER/IRS SPECTRAL MAPPING. <i>Astrophysical Journal</i> , 2016, 833, 163.	4.5	7
45	THE DETECTION OF A HOT MOLECULAR CORE IN THE LARGE MAGELLANIC CLOUD WITH ALMA. <i>Astrophysical Journal</i> , 2016, 827, 72.	4.5	35
46	Revised wavelength and spectral response calibrations for AKARI near-infrared grism spectroscopy: Cryogenic phase. <i>Publication of the Astronomical Society of Japan</i> , 2016, 68, .	2.5	12
47	Impact of the initial disk mass function on the disk fraction. <i>Publication of the Astronomical Society of Japan</i> , 2015, 67, 120.	2.5	2
48	A study of iron and dust in the supernova remnant IC 443. <i>Planetary and Space Science</i> , 2015, 116, 92-96.	1.7	3
49	AKARI NIR spectroscopy of interstellar ices. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 319-320.	0.0	0
50	Infrared spectroscopy in the C-H stretching region towards embedded high-mass young stellar objects in the Large Magellanic Cloud. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, .	0.0	0
51	Theoretical study of deuterated PAHs as carriers for IR emission features in the ISM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 201-212.	4.4	18
52	Variations in the 3.3 μm feature and carbonaceous dust in AKARI data. <i>Planetary and Space Science</i> , 2015, 116, 73-83.	1.7	6
53	SYSTEMATIC VARIATIONS IN CO ₂ /H ₂ O ICE ABUNDANCE RATIOS IN NEARBY GALAXIES FOUND WITH AKARI NEAR-INFRARED SPECTROSCOPY. <i>Astrophysical Journal</i> , 2015, 807, 29.	4.5	9
54	Mixed aliphatic and aromatic composition of evaporating very small grains in NGC 7023 revealed by the 3.4/3.3 μm ratio. <i>Astronomy and Astrophysics</i> , 2015, 577, A16.	5.1	53

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55	Determining Amino Acid Chirality in the Supernova Neutrino Processing Model. <i>Symmetry</i> , 2014, 6, 909-925.	2.2	12
56	SEARCH FOR THE INFRARED EMISSION FEATURES FROM DEUTERATED INTERSTELLAR POLYCYCLIC AROMATIC HYDROCARBONS. <i>Astrophysical Journal</i> , 2014, 780, 114.	4.5	21
57	OBSERVATIONAL STUDIES ON THE NEAR-INFRARED UNIDENTIFIED EMISSION BANDS IN GALACTIC H II REGIONS. <i>Astrophysical Journal</i> , 2014, 784, 53.	4.5	19
58	AKARI observations of interstellar dust grains in our Galaxy and nearby galaxies. <i>Planetary and Space Science</i> , 2014, 100, 6-11.	1.7	5
59	DIFFERENCE IN THE SPATIAL DISTRIBUTION BETWEEN H ₂ O AND CO ₂ ICES IN M 82 FOUND WITH <i>AKARI</i> . <i>Astrophysical Journal Letters</i> , 2013, 773, L37.	8.3	8
60	INTERSTELLAR DUST PROPERTIES OF M51 FROM <i>AKARI</i> MID-INFRARED IMAGES. <i>Astrophysical Journal</i> , 2013, 778, 1.	4.5	22
61	LARGE-AREA [Fe II] LINE MAPPING OF THE SUPERNOVA REMNANT IC 443 WITH THE IRSF/SIRIUS. <i>Astrophysical Journal Letters</i> , 2013, 768, L8.	8.3	11
62	Near-Infrared Spectroscopy of the Diffuse Galactic Emission. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 703-704.	0.0	0
63	<i>AKARI</i> INFRARED CAMERA SURVEY OF THE LARGE MAGELLANIC CLOUD. I. POINT-SOURCE CATALOG. <i>Astronomical Journal</i> , 2012, 144, 179.	4.7	30
64	Dust and Molecule Formation and Processing in Supernovae and their Remnants. <i>Proceedings of the International Astronomical Union</i> , 2012, 10, 583-585.	0.0	0
65	Supplementary information on the near-infrared spectroscopic data of the infrared camera (IRC) onboard AKARI. <i>Proceedings of SPIE</i> , 2012, , .	0.8	4
66	DETECTION OF THE 3.3 μ m AROMATIC FEATURE IN THE SUPERNOVA REMNANT N49 WITH <i>AKARI</i> . <i>Astrophysical Journal</i> , 2012, 744, 160.	4.5	11
67	THE CENTRAL REGION OF THE BARRED SPIRAL GALAXY NGC 1097 PROBED BY <i>AKARI</i> NEAR-INFRARED SPECTROSCOPY. <i>Astrophysical Journal Letters</i> , 2012, 751, L18.	8.3	19
68	ISM Diagnostics: Dust. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 259-266.	0.0	2
69	Processing of Interstellar Dust Grains in Galaxies Revealed by AKARI. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 271-274.	0.0	0
70	Summary of observations of the infrared camera (IRC) onboard AKARI. , 2012, , .		3
71	SPECTROSCOPIC DETECTION OF CARBON MONOXIDE IN THE YOUNG SUPERNOVA REMNANT CASSIOPEIA A. <i>Astrophysical Journal Letters</i> , 2012, 747, L6.	8.3	36
72	AKARI near-infrared spectroscopy of the aromatic and aliphatic hydrocarbon emission features in the galactic superwind of M82. <i>Astronomy and Astrophysics</i> , 2012, 541, A10.	5.1	32

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73	DIFFUSE INTERSTELLAR PAH EMISSION IN THE LMC OBSERVED WITH THE AKARI/IRC. , 2012, , 15-23.		0
74	Processing of polycyclic aromatic hydrocarbons in evolved planetary nebulae. Proceedings of the International Astronomical Union, 2011, 7, 462-463.	0.0	0
75	Dust and PAHs in X-ray plasma of elliptical galaxies. Proceedings of the International Astronomical Union, 2011, 7, 254-258.	0.0	0
76	Properties of mid- to far-infrared dust emission in the nearby superwind galaxy M82. Proceedings of the International Astronomical Union, 2011, 7, 210-212.	0.0	0
77	AKARI observations of the multiphase intergalactic medium of Stephan's Quintet. Proceedings of the International Astronomical Union, 2011, 7, 342-344.	0.0	0
78	Properties of Dust and PAHs in the Hot Plasma of the Elliptical Galaxy NGC 4125 Revealed with AKARI and Spitzer Space Telescope. Publication of the Astronomical Society of Japan, 2011, 63, 601-615.	2.5	10
79	Supernovae, Neutrinos and the Chirality of Amino Acids. International Journal of Molecular Sciences, 2011, 12, 3432-3444.	4.1	21
80	Development of a new mid-infrared instrument for the TAO 6.5-m Telescope. Proceedings of SPIE, 2010, , .	0.8	6
81	Large-scale distributions of mid- and far-infrared emission from the center to the halo of M82 revealed with AKARI. Astronomy and Astrophysics, 2010, 514, A14.	5.1	35
82	Detection of unidentified infrared bands in a H α filament in the dwarf galaxy NGC 1569 with AKARI. Astronomy and Astrophysics, 2010, 514, A15.	5.1	14
83	The AKARI/IRC mid-infrared all-sky survey. Astronomy and Astrophysics, 2010, 514, A1.	5.1	478
84	Spectroscopic observations of ices around embedded young stellar objects in the Large Magellanic Cloud with AKARI. Astronomy and Astrophysics, 2010, 514, A12.	5.1	51
85	AKARI/IRC INFRARED 2.5-5 μ m SPECTROSCOPY OF A LARGE SAMPLE OF LUMINOUS INFRARED GALAXIES. Astrophysical Journal, 2010, 721, 1233-1261.	4.5	96
86	AKARI Infrared Observations of the Edge-On Spiral Galaxy NGC 3079. Publication of the Astronomical Society of Japan, 2010, 62, 1085-1092.	2.5	11
87	AKARI warm mission. Proceedings of SPIE, 2010, , .	0.8	13
88	Supernovae and the Chirality of the Amino Acids. Astrobiology, 2010, 10, 561-568.	3.0	22
89	AKARI "Infrared Satellite Mission" Present Status and Early Results. Earth, Moon and Planets, 2009, 104, 337-348.	0.6	1
90	AKARI: space infrared cooled telescope. Experimental Astronomy, 2009, 27, 9-17.	3.7	4

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91	AKARI observations of the ISM in our Galaxy and nearby galaxies. <i>Advances in Space Research</i> , 2009, 44, 1038-1046.	2.6	23
92	Absolute Photometric Calibration of the Infrared Camera (IRC) aboard AKARI. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, S375-S388.	2.5	54
93	Organic compounds in galaxies. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 229-236.	0.0	4
94	Properties of polycyclic aromatic hydrocarbons in the star forming environment in nearby galaxies. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 241-246.	0.0	0
95	Polycyclic aromatic hydrocarbons in elliptical galaxies. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 247-248.	0.0	0
96	Detection of the unidentified infrared bands in a filament of the dwarf galaxy NGC1569. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 249-250.	0.0	0
97	AKARI IRC survey of the Large Magellanic Cloud: A new feature in the infrared color-magnitude diagram. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 9-13.	0.0	0
98	AKARI near-infrared spectroscopy: Detection of H ₂ O and CO ₂ ices toward young stellar objects in the Large Magellanic Cloud. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 233-238.	0.0	1
99	Spatial Distributions of Dust and Polycyclic Aromatic Hydrocarbons in the Nearby Elliptical Galaxy NGC4589 Observed with AKARI. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, S467-S475.	2.5	8
100	AKARI Near-Infrared Spectroscopy: Detection of H ₂ O and CO ₂ Ices toward Young Stellar Objects in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2008, 686, L99-L102.	4.5	43
101	Properties of UIR Bands in NGC6946 Based on Mid-Infrared Imaging and Spectroscopy with Infrared Camera on Board AKARI. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S483-S495.	2.5	30
102	The Infrared Astronomical Mission AKARI. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S369-S376.	2.5	663
103	The Infrared Camera (IRC) for AKARI—Design and Imaging Performance. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S401-S410.	2.5	340
104	AKARI Infrared Imaging of Reflection Nebulae IC4954 and IC4955. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S443-S454.	2.5	17
105	Near-Infrared and Mid-Infrared Spectroscopy with the Infrared Camera (IRC) for AKARI. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S411-S422.	2.5	102
106	Near- to Mid-Infrared Spectroscopy for the Giant Elliptical Galaxy NGC 1316 (Fornax A) with the AKARI Infrared Camera. <i>Astrophysical Journal</i> , 2007, 666, L21-L24.	4.5	17
107	Mid- to Far-Infrared Spectral Energy Distribution of the Diffuse Galactic Radiation. <i>Astrophysical Journal</i> , 2007, 654, 844-857.	4.5	10
108	Mid- and Far-Infrared Study of X-ray-emitting Dusty Elliptical Galaxies. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 211-211.	0.0	0

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109	Serendipitous Spectroscopic Detection of Faint Galaxies at MIR with the IRC Onboard the AKARI During Its In-orbit PV Period. Proceedings of the International Astronomical Union, 2006, 2, 325-325.	0.0	0
110	The Asymmetric Thermal Emission of the Protoplanetary Disk Surrounding HD 142527 Seen by Subaru/COMICS. Astrophysical Journal, 2006, 644, L133-L136.	4.5	51
111	The Properties of the Mid-to Far-Infrared Emission in the Large Magellanic Cloud. Astrophysical Journal, 2006, 651, 174-189.	4.5	25
112	Detection of PAH Emission Features from Nearby Elliptical Galaxies with the Spitzer Infrared Spectrograph. Astrophysical Journal, 2005, 632, L83-L86.	4.5	70
113	The Unidentified Infrared Bands in the Diffuse Interstellar Medium across the Galaxy Based on the Infrared Telescope in Space Mid-Infrared Spectrometer Observation. Astrophysical Journal, 2004, 609, 203-219.	4.5	42
114	The 10 Micron Spectra of Comet C/2002 V1 (NEAT) and C/2001 RX14 (LINEAR). Astrophysical Journal, 2004, 601, 577-582.	4.5	25
115	Improved performances and capabilities of the Cooled Mid-Infrared Camera and Spectrometer (COMICS) for the Subaru Telescope. , 2003, 4841, 169.		41
116	Developing new data acquisition devices for COMICS. , 2003, 4841, 1211.		6
117	Mid-Infrared Imaging and Spectroscopic Observations of the Galactic Center with Subaru/COMICS. Astronomische Nachrichten, 2003, 324, 567-571.	1.2	3
118	Detection of Crystalline Silicates around the T Tauri Star Hen 3-600A. Astrophysical Journal, 2003, 585, L59-L63.	4.5	77
119	Unidentified Infrared Emission Bands in the Diffuse Interstellar Medium. Astrophysical Journal, 2001, 546, 273-278.	4.5	47
120	COMICS: the cooled mid-infrared camera and spectrometer for the Subaru telescope. , 2000, , .		90
121	Systematic study of AGB stars in the intermediate-age globular clusters in the Magellanic Clouds. Symposium - International Astronomical Union, 1999, 191, 573-578.	0.1	1
122	1.16. 4.5 to 11.7 microns spectrophotometric observations of the Galactic bulge by the MIRS/IRTS. Symposium - International Astronomical Union, 1998, 184, 47-47.	0.1	0
123	2.1. ISOCAM CVF observations of the Quintuplet and Object#17 clusters near the galactic center. diffuse components. Symposium - International Astronomical Union, 1998, 184, 59-60.	0.1	0
124	Far-Infrared [C II] Properties of Low-Metallicity Galaxies. Highlights of Astronomy, 1998, 11, 123-124.	0.0	0
125	Duration of the superwind phase of asymptotic giant branch stars. Nature, 1997, 385, 509-510.	27.8	36
126	ISO-SWS Observations of the Time Variability of Oxygen-rich Mira Variables. Astrophysics and Space Science, 1997, 255, 331-337.	1.4	5

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127	Extreme Infrared Stars Discovered in Magellanic Cloud Globular Clusters. <i>Astrophysics and Space Science</i> , 1997, 255, 407-413.	1.4	6
128	Results of the SiO Maser Survey of the Galactic Bulge IRAS Sources. <i>Symposium - International Astronomical Union</i> , 1996, 169, 119-124.	0.1	0
129	Detection of the Mid-Infrared Unidentified Bands in the Diffuse Galactic Emission by IRTS. <i>Publication of the Astronomical Society of Japan</i> , 1996, 48, L59-L63.	2.5	116
130	SIO maser survey of the Bulge IRAS sources. <i>Symposium - International Astronomical Union</i> , 1993, 153, 303-308.	0.1	0
131	Collection of Stratospheric Microparticles above the Sulfate Layer Using Balloon-Borne Collectors. <i>International Astronomical Union Colloquium</i> , 1991, 126, 49-52.	0.1	0
132	Is the bulge of our Galaxy triaxial?. <i>Nature</i> , 1991, 353, 140-141.	27.8	86
133	Quenched carbonaceous composite. III - Comparison to the 3.29 micron interstellar emission feature. <i>Astrophysical Journal</i> , 1990, 353, 543.	4.5	36
134	Detection of Water Maser Emission from a Carbon Star V778 Cygni. <i>International Astronomical Union Colloquium</i> , 1988, 108, 53-54.	0.1	0
135	High-resolution spectroscopy of the 3 micron emission features in NGC 7027 and IRAS 21282+5050. <i>Astrophysical Journal</i> , 1988, 326, 157.	4.5	27
136	Infrared spectrum of quenched carbonaceous composite (QCC). II - A new identification of the 7.7 and 8.6 micron unidentified infrared emission bands. <i>Astrophysical Journal</i> , 1987, 320, L63.	4.5	89
137	Far-infrared properties of metallic dust grains. <i>Astrophysics and Space Science</i> , 1984, 98, 323-342.	1.4	3
138	Infrared spectrum of the laboratory-synthesized quenched carbonaceous composite (QCC) - Comparison with the infrared unidentified emission bands. <i>Astrophysical Journal</i> , 1984, 287, L51.	4.5	107
139	Mid-Infrared Imaging and Spectroscopic Observations of the Galactic Center with Subaru/COMICS. , 0, 567-571.		0