

Yasuo Doi

List of Publications by Year in descending order

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61
papers

1,966
citations

394421

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243625

44
g-index

63
all docs

63
docs citations

63
times ranked

1702
citing authors

#	ARTICLE	IF	CITATIONS
1	The Infrared Astronomical Mission AKARI. Publication of the Astronomical Society of Japan, 2007, 59, S369-S376.	2.5	663
2	The Far-Infrared Surveyor (FIS) for AKARI. Publication of the Astronomical Society of Japan, 2007, 59, S389-S400.	2.5	246
3	The AKARI far-infrared all-sky survey maps. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	84
4	First Results from BISTRO: A SCUBA-2 Polarimeter Survey of the Gould Belt. <i>Astrophysical Journal</i> , 2017, 842, 66.	4.5	79
5	Farâ€œInfrared [C ii] Line Survey Observations of the Galactic Plane. <i>Astrophysical Journal, Supplement Series</i> , 1998, 115, 259-269.	7.7	56
6	A survey of the Large Magellanic Cloud in the (C II) 158 micron line. <i>Astrophysical Journal</i> , 1994, 430, L37.	4.5	53
7	Magnetic Fields toward Ophiuchus-B Derived from SCUBA-2 Polarization Measurements. <i>Astrophysical Journal</i> , 2018, 861, 65.	4.5	51
8	The TOP-SCOPE Survey of <i>Planck</i> 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
9	A First Look at BISTRO Observations of the ĩ•Oph-A core. <i>Astrophysical Journal</i> , 2018, 859, 4.	4.5	46
10	JCMT BISTRO Survey: Magnetic Fields within the Hub-filament Structure in IC 5146. <i>Astrophysical Journal</i> , 2019, 876, 42.	4.5	42
11	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
12	The JCMT BISTRO Survey: The Magnetic Field in the Starless Core <i>ĩ•</i> Ophiuchus C. <i>Astrophysical Journal</i> , 2019, 877, 43.	4.5	38
13	The JCMT BISTRO Survey: The Magnetic Field of the Barnard 1 Star-forming Region. <i>Astrophysical Journal</i> , 2019, 877, 88.	4.5	37
14	Calibration of the AKARI far-infrared all-sky survey maps. Publication of the Astronomical Society of Japan, 2015, 67, .	2.5	35
15	Large-format and compact stressed Ge:Ga array for the ASTRO-F (IRIS) mission. <i>Advances in Space Research</i> , 2002, 30, 2099-2104.	2.6	34
16	Calibration and Performance of the AKARI Far-Infrared Surveyor (FIS) â€œ Slow-Scan Observation Mode for Point-Sources. Publication of the Astronomical Society of Japan, 2009, 61, 737-750.	2.5	33
17	ULTRALUMINOUS INFRARED GALAXIES IN THE <i>AKARI</i> ALL-SKY SURVEY. <i>Astrophysical Journal</i> , 2014, 797, 54.	4.5	30
18	JCMT POL-2 and BISTRO Survey Observations of Magnetic Fields in the L1689 Molecular Cloud. <i>Astrophysical Journal</i> , 2021, 907, 88.	4.5	29

#	ARTICLE	IF	CITATIONS
19	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
20	Deficit of Far-Infrared [C [CSC]ii/[CSC]] Line Emission toward the Galactic Center. <i>Astrophysical Journal</i> , 1995, 455, .	4.5	19
21	Room-temperature direct bonding of germanium wafers by surface-activated bonding method. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 030213.	1.5	19
22	Spatial Distributions of Cold and Warm Interstellar Dust in M101 Resolved with AKARI/Far-Infrared Surveyor (FIS). <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S473-S481.	2.5	17
23	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
24	Performance of an Imaging Fourier Transform Spectrometer with Photoconductive Detector Arrays: An Application for the AKARI Far-Infrared Instrument. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, S389-S397.	2.5	17
25	The JCMT BISTRO Survey: Alignment between Outflows and Magnetic Fields in Dense Cores/Clumps. <i>Astrophysical Journal</i> , 2021, 907, 33.	4.5	17
26	The Far-Infrared Properties of Spatially Resolved AKARI Observations. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S429-S435.	2.5	16
27	Observations of Magnetic Fields Surrounding LkH1± 101 Taken by the BISTRO Survey with JCMT-POL-2. <i>Astrophysical Journal</i> , 2021, 908, 10.	4.5	16
28	A [C ii] 158 Micron Line Map of the rho Ophiuchi Cloud. <i>Astrophysical Journal</i> , 1993, 419, L37.	4.5	16
29	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
30	The JCMT BISTRO Survey: An 850/450 μm Polarization Study of NGC 2071IR in Orion B. <i>Astrophysical Journal</i> , 2021, 918, 85.	4.5	13
31	Radiation Effects on Stressed Ge:Ga Array Detector of Far-Infrared Surveyor on AKARI. <i>Publications of the Astronomical Society of the Pacific</i> , 2008, 120, 895-906.	3.1	12
32	Preflight performance measurements of a monolithic Ge:Ga array detector for the Far-Infrared Surveyor onboard ASTRO-F. , 2004, , .		11
33	Point source calibration of the AKARI/FIS all-sky survey maps for stacking analysis. <i>Publication of the Astronomical Society of Japan</i> , 2014, 66, .	2.5	10
34	Compact Two-Dimensional Array of Stressed GE:GA Detectors. <i>Experimental Astronomy</i> , 2000, 10, 393-401.	3.7	9
35	AKARI Far-Infrared Source Counts in the Lockman Hole. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S503-S513.	2.5	8
36	Calibration of the AKARI Far-Infrared Imaging Fourier-Transform Spectrometer. <i>Publication of the Astronomical Society of Japan</i> , 2010, 62, 1155-1166.	2.5	8

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37	Investigation of the origin of the anomalous microwave emission in Lambda-Orionis. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	8
38	Large scale [CII] line emission in the galaxy observed by stratospheric balloons. Infrared Physics and Technology, 1994, 35, 391-405.	2.9	6
39	Far-Infrared Distributions in Nearby Spiral Galaxies NGC 2841 and NGC 2976 Observed with AKARI/Far-Infrared Surveyor (FIS). Publication of the Astronomical Society of Japan, 2007, 59, S463-S471.	2.5	6
40	AKARI far-infrared maps of the zodiacal dust bands. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	5
41	Two-component Magnetic Field along the Line of Sight to the Perseus Molecular Cloud: Contribution of the Foreground Taurus Molecular Cloud. Astrophysical Journal, 2021, 914, 122.	4.5	5
42	Application of Photoconductor Physical Transient Model to Fourier Transform Spectrometer Data of AKARI/Far-Infrared Surveyor (FIS). Publications of the Astronomical Society of the Pacific, 2009, 121, 549-557.	3.1	4
43	AKARI FAR-INFRARED ALL-SKY SURVEY MAPS. Publications of the Korean Astronomical Society, 2012, 27, 111-116.	0.0	4
44	The JCMT BISTRO Survey: Evidence for Pinched Magnetic Fields in Quiescent Filaments of NGC 1333. Astrophysical Journal Letters, 2021, 923, L9.	8.3	4
45	INFRARED OBSERVATIONS OF DUST AROUND HELIUM NOVA V445 PUPPIS. Publications of the Korean Astronomical Society, 2017, 32, 109-111.	0.0	3
46	New balloon-borne telescope for far-infrared astronomy. , 2000, 4014, 237.		2
47	A new Japanese infrared balloon telescope. Advances in Space Research, 2000, 25, 2285-2289.	2.6	2
48	Wide-Area Mapping of 155 Micron Continuum Emission from the Orion Molecular Cloud Complex. Publication of the Astronomical Society of Japan, 2004, 56, 51-60.	2.5	2
49	Wafer-bonded Ge:Ga blocked-impurity-band far-infrared detectors. , 2010, , .		2
50	Development of Charge Sensitive Infrared Phototransistors for the Far-Infrared Wavelength. Journal of Low Temperature Physics, 2014, 176, 261-266.	1.4	2
51	FIRBE: Far-Infrared Balloon-Borne Experiment. Advances in Space Research, 2002, 30, 1289-1295.	2.6	1
52	Image stacking analysis of SDSS galaxies with AKARI Far-Infrared Surveyor maps at 65 micrometers, 90 micrometers, and 140 micrometers. Publication of the Astronomical Society of Japan, 2016, 68, .	2.5	1
53	SAFARI: Imaging Spectrometer for the SPICA space observatory. , 2013, , .		1
54	The AKARI Far-Infrared Surveyor (FIS): all-sky Diffuse Map. Proceedings of the International Astronomical Union, 2010, 6, 1-4.	0.0	0

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55	Galactic foreground of gamma-ray bursts from AKARI Far-Infrared Surveyor. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	0
56	IS THE ANOMALOUS MICROWAVE EMISSION DUE TO THE ROTATION OF INTERSTELLAR PAHS? PLANCK RESULTS: PLANCK - AKARI PROJECT. Publications of the Korean Astronomical Society, 2012, 27, 195-200.	0.0	0
57	AKARI MID- TO FAR-INFRARED OBSERVATIONS OF DIFFUSE GALACTIC EMISSION. Publications of the Korean Astronomical Society, 2012, 27, 213-216.	0.0	0
58	THE FILAMENTARY WEB OF STAR FORMATION. Publications of the Korean Astronomical Society, 2012, 27, 201-207.	0.0	0
59	SMALL-SCALE STRUCTURE OF THE ZODIACAL DUST CLOUD OBSERVED IN FAR-INFRARED WITH AKARI. Publications of the Korean Astronomical Society, 2017, 32, 63-65.	0.0	0
60	AKARI AND SPINNING DUST: INVESTIGATING THE NATURE OF ANOMALOUS MICROWAVE EMISSION VIA INFRARED SURVEYS. Publications of the Korean Astronomical Society, 2017, 32, 97-99.	0.0	0
61	FOREGROUND OF GAMMA-RAY BURSTS (GRBS) FROM AKARI FIS DATA. Publications of the Korean Astronomical Society, 2017, 32, 113-116.	0.0	0