

Masaru Kajisawa

List of Publications by Year in descending order

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66
papers

2,626
citations

147801

31
h-index

189892

50
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66
all docs

66
docs citations

66
times ranked

2363
citing authors

#	ARTICLE	IF	CITATIONS
1	A Wide and Deep Exploration of Radio Galaxies with Subaru HSC (WERGS). VI. Distant Filamentary Structures Pointed Out by High- z Radio Galaxies at $z \sim 4$. <i>Astrophysical Journal</i> , 2022, 926, 76.	4.5	5
2	A Search for Massive Galaxy Population in a Protocluster of LAEs at $z = 2.39$ near the Radio Galaxy 53W002. <i>Astrophysical Journal</i> , 2022, 930, 102.	4.5	4
3	A Massive Quiescent Galaxy Confirmed in a Protocluster at $z = 3.09$. <i>Astrophysical Journal</i> , 2021, 919, 6.	4.5	24
4	A Wide and Deep Exploration of Radio Galaxies with Subaru HSC (WERGS). IV. Rapidly Growing (Super)Massive Black Holes in Extremely Radio-loud Galaxies. <i>Astrophysical Journal</i> , 2021, 921, 51.	4.5	8
5	Balmer Break Galaxy Candidates at $z \sim 6$: A Potential View on the Star Formation Activity at $z \sim 14$. <i>Astrophysical Journal</i> , 2020, 889, 137.	4.5	27
6	A Wide and Deep Exploration of Radio Galaxies with Subaru HSC (WERGS). III. Discovery of a $z \sim 4.72$ Radio Galaxy with the Lyman Break Technique. <i>Astronomical Journal</i> , 2020, 160, 60.	4.7	11
7	A Wide and Deep Exploration of Radio Galaxies with Subaru HSC (WERGS). II. Physical Properties Derived from the SED Fitting with Optical, Infrared, and Radio Data. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 15.	7.7	25
8	Gas filaments of the cosmic web located around active galaxies in a protocluster. <i>Science</i> , 2019, 366, 97-100.	12.6	100
9	Optical Properties of Infrared-bright Dust-obscured Galaxies Viewed with Subaru Hyper Suprime-Cam. <i>Astrophysical Journal</i> , 2019, 876, 132.	4.5	15
10	Evolution of the Three-dimensional Shape of Passively Evolving and Star-forming Galaxies at $z \sim 1$. <i>Astrophysical Journal</i> , 2019, 885, 81.	4.5	5
11	A Radio-to-millimeter Census of Star-forming Galaxies in Protocluster 4C23.56 at $z \sim 2.5$: Global and Local Gas Kinematics. <i>Astrophysical Journal</i> , 2019, 883, 92.	4.5	8
12	CHORUS. II. Subaru/HSC Determination of the Ly α Luminosity Function at $z = 7.0$: Constraints on Cosmic Reionization Model Parameter. <i>Astrophysical Journal</i> , 2018, 867, 46.	4.5	44
13	A Wide and Deep Exploration of Radio Galaxies with Subaru HSC (WERGS). I. The Optical Counterparts of FIRST Radio Sources. <i>Astrophysical Journal</i> , 2018, 866, 140.	4.5	12
14	CLUSTERING OF INFRARED-BRIGHT DUST-OBSCURED GALAXIES REVEALED BY THE HYPER SUPRIME-CAM AND WISE. <i>Astrophysical Journal</i> , 2017, 835, 36.	4.5	28
15	A Radio-to-mm Census of Star-forming Galaxies in Protocluster 4C23.56 at $z \sim 2.5$: Gas Mass and Its Fraction Revealed with ALMA. <i>Astrophysical Journal</i> , 2017, 842, 55.	4.5	34
16	The FMOS-COSMOS Survey of Star-forming Galaxies at $z \sim 1.6$. V: Properties of Dark Matter Halos Containing H α Emitting Galaxies. <i>Astrophysical Journal</i> , 2017, 843, 138.	4.5	14
17	An Optically Faint Quasar Survey at $z \sim 5$ in the CFHTLS Wide Field: Estimates of the Black Hole Masses and Eddington Ratios. <i>Astrophysical Journal</i> , 2017, 846, 57.	4.5	6
18	Bimodal morphologies of massive galaxies at the core of a protocluster at $z = 3.09$ and the strong size growth of a brightest cluster galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2235-2250.	4.4	14

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19	MORPHOLOGICAL PROPERTIES OF Ly α EMITTERS AT REDSHIFT 4.86 IN THE COSMOS FIELD: CLUMPY STAR FORMATION OR MERGER?*. <i>Astrophysical Journal</i> , 2016, 819, 25.	4.5	18
20	An extremely dense group of massive galaxies at the centre of the protocluster at $z = 3.09$ in the SSA22 field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3333-3344.	4.4	25
21	DISCOVERY OF MASSIVE, MOSTLY STAR FORMATION QUENCHED GALAXIES WITH EXTREMELY LARGE Ly α EQUIVALENT WIDTHS AT $z \approx 3$. <i>Astrophysical Journal Letters</i> , 2015, 809, L7.	8.3	14
22	The Subaru COSMOS 20: Subaru optical imaging of the HST COSMOS field with 20 filters. <i>Publication of the Astronomical Society of Japan</i> , 2015, 67, .	2.5	65
23	NIR SPECTROSCOPIC OBSERVATION OF MASSIVE GALAXIES IN THE PROTOCLUSTER AT $z = 3.09$. <i>Astrophysical Journal</i> , 2015, 799, 38.	4.5	42
24	DUST HEATING BY LOW-MASS STARS IN MASSIVE GALAXIES AT $z < 1$. <i>Astrophysical Journal</i> , 2015, 801, 134.	4.5	7
25	FROM DIVERSITY TO DICHOTOMY, AND QUENCHING: MILKY-WAY-LIKE AND MASSIVE-GALAXY PROGENITORS AT $0.5 < z < 3.0$. <i>Astrophysical Journal</i> , 2015, 805, 34.	4.5	36
26	SUBARU WEAK-LENSING SURVEY OF DARK MATTER SUBHALOS IN THE COMA CLUSTER: SUBHALO MASS FUNCTION AND STATISTICAL PROPERTIES. <i>Astrophysical Journal</i> , 2014, 784, 90.	4.5	72
27	EVOLUTION OF THE FRACTION OF CLUMPY GALAXIES AT $0.2 < z < 1.0$ IN THE COSMOS FIELD. <i>Astrophysical Journal</i> , 2014, 786, 15.	4.5	39
28	THE EVOLUTION OF GALAXY SIZE AND MORPHOLOGY AT $z \approx 0.5-3.0$ IN THE GOODS-N REGION WITH HUBBLE SPACE TELESCOPE/WFC3 DATA. <i>Astrophysical Journal</i> , 2014, 785, 18.	4.5	52
29	THE FORMATION OF THE MASSIVE GALAXIES IN THE SSA22 $z = 3.1$ PROTOCLUSTER. <i>Astrophysical Journal</i> , 2013, 778, 170.	4.5	49
30	ENVIRONMENTAL EFFECTS ON STAR FORMATION ACTIVITY AT $z \approx 0.9$ IN THE COSMOS FIELD. <i>Astrophysical Journal</i> , 2013, 768, 51.	4.5	3
31	THE FMOS-COSMOS SURVEY OF STAR-FORMING GALAXIES AT $z \approx 1.6$. I. H α -BASED STAR FORMATION RATES AND DUST EXTINCTION. <i>Astrophysical Journal Letters</i> , 2013, 777, L8.	8.3	178
32	THE ROLE OF GALAXY INTERACTION IN ENVIRONMENTAL DEPENDENCE OF THE STAR FORMATION ACTIVITY AT $z \approx 1.2$. <i>Astrophysical Journal</i> , 2012, 747, 42.	4.5	14
33	ASSEMBLY OF MASSIVE GALAXIES IN A HIGH- z PROTOCLUSTER. <i>Astrophysical Journal</i> , 2012, 750, 116.	4.5	36
34	CONSTRAINTS ON THE FAINT END OF THE QUASAR LUMINOSITY FUNCTION AT $z \approx 5$ IN THE COSMOS FIELD. <i>Astrophysical Journal</i> , 2012, 756, 160.	4.5	34
35	A universal stellar mass-size relation of galaxies in the GOODS-North region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1014-1027.	4.4	36
36	MOIRCS Deep Survey. IX. Deep Near-Infrared Imaging Data and Source Catalog. <i>Publication of the Astronomical Society of Japan</i> , 2011, 63, S379-S401.	2.5	54

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37	UV-TO-FIR ANALYSIS OF <i>SPITZER</i> /IRAC SOURCES IN THE EXTENDED GROTH STRIP. II. PHOTOMETRIC REDSHIFTS, STELLAR MASSES, AND STAR FORMATION RATES. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 30.	7.7	97
38	UV-TO-FIR ANALYSIS OF <i>SPITZER</i> /IRAC SOURCES IN THE EXTENDED GROTH STRIP. I. MULTI-WAVELENGTH PHOTOMETRY AND SPECTRAL ENERGY DISTRIBUTIONS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 13.	7.7	98
39	MOIRCS Deep Survey. X. Evolution of Quiescent Galaxies as a Function of Stellar Mass at $0.5 < z < 2.5$. Publication of the Astronomical Society of Japan, 2011, 63, S403-S414.	2.5	17
40	Discovery of an Excess of H Emitters around 4C 23.56 at $z = 2.48$. Publication of the Astronomical Society of Japan, 2011, 63, S415-S435.	2.5	61
41	MOIRCS Deep Survey. VII. NIR Morphologies of Star-Forming Galaxies at Redshift $z = 1$. Publication of the Astronomical Society of Japan, 2011, 63, S363-S377.	2.5	7
42	MOIRCS DEEP SURVEY. VI. NEAR-INFRARED SPECTROSCOPY OF <i>K</i> -SELECTED STAR-FORMING GALAXIES AT $z < 2$. <i>Astrophysical Journal</i> , 2010, 718, 112-132.	4.5	74
43	MOIRCS DEEP SURVEY. V. A UNIVERSAL RELATION FOR STELLAR MASS AND SURFACE BRIGHTNESS OF GALAXIES. <i>Astrophysical Journal</i> , 2010, 709, 741-748.	4.5	5
44	SUBMILLIMETER ARRAY IDENTIFICATION OF THE MILLIMETER-SELECTED GALAXY SSA22-AzTEC1: A PROTOQUASAR IN A PROTOCLUSTER?. <i>Astrophysical Journal</i> , 2010, 724, 1270-1282.	4.5	36
45	MOIRCS DEEP SURVEY. VIII. EVOLUTION OF STAR FORMATION ACTIVITY AS A FUNCTION OF STELLAR MASS IN GALAXIES SINCE $z < 3$. <i>Astrophysical Journal</i> , 2010, 723, 129-145.	4.5	55
46	MOIRCS DEEP SURVEY. III. ACTIVE GALACTIC NUCLEI IN MASSIVE GALAXIES AT $z < 2-4$. <i>Astrophysical Journal</i> , 2009, 699, 1354-1364.	4.5	23
47	MOIRCS DEEP SURVEY. IV. EVOLUTION OF GALAXY STELLAR MASS FUNCTION BACK TO $z < 3$. <i>Astrophysical Journal</i> , 2009, 702, 1393-1412.	4.5	95
48	Subaru/MOIRCS Near-Infrared Imaging in the Proto-Cluster Region at $z < 3.1$. Publication of the Astronomical Society of Japan, 2008, 60, 683-693.	2.5	27
49	The Subaru/ <i>XMM-Newton</i> Deep Survey (SXDS). II. Optical Imaging and Photometric Catalogs1. <i>Astrophysical Journal, Supplement Series</i> , 2008, 176, 1-18.	7.7	267
50	MOIRCS Deep Survey. II. Clustering Properties of <i>K</i> -Band Selected Galaxies in GOODS-North Region. Publication of the Astronomical Society of Japan, 2007, 59, 1081-1094.	2.5	23
51	A deficit of faint red galaxies in the possible large-scale structures around the RDCS J1252.9-2927 cluster at $z = 1.24$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1206-1214.	4.4	39
52	The first appearance of the red sequence of galaxies in proto-clusters at $2 < z < 3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1717-1725.	4.4	151
53	Mass-dependent Color Evolution of Field Galaxies back to $z < 3$ over the Wide Range of Stellar Mass. <i>Astrophysical Journal</i> , 2006, 650, 12-17.	4.5	11
54	Protoclusters with evolved populations around radio galaxies at $z < 2.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 577-582.	4.4	54

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55	MOIRCS Deep Survey. I: DRG Number Counts. Publication of the Astronomical Society of Japan, 2006, 58, 951-956.	2.5	41
56	The Number Density of Old Passively Evolving Galaxies at $z \approx 1$ in the Subaru/XMM-Newton Deep Survey Field. <i>Astrophysical Journal</i> , 2005, 634, 861-878.	4.5	56
57	Evolution of the Dependence of Rest-Frame Color and Morphology Distribution on Stellar Mass for Galaxies in the Hubble Deep Field "North". <i>Astrophysical Journal</i> , 2005, 618, 91-107.	4.5	11
58	Discovery of the galaxy counterpart of HDF 850.1, the brightest submillimetre source in the Hubble Deep Field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, 769-784.	4.4	70
59	Witnessing the Hierarchical Assembly of the Brightest Cluster Galaxy in a Cluster at $z \approx 1.26$. <i>Astrophysical Journal</i> , 2002, 577, L89-L92.	4.5	20
60	A Hyper Extremely Red Object in the Field near 53W002. <i>Astrophysical Journal</i> , 2002, 578, L19-L22.	4.5	16
61	Galaxy Population in a Cluster of Galaxies around the Radio Galaxy 3C 324 at $z = 1.2$. Publication of the Astronomical Society of Japan, 2001, 53, 1139-1152.	2.5	34
62	Subaru Deep Near-Infrared Imaging of the Field of a Possible Proto-Cluster Near the Radio Galaxy 53W002 at $z = 2.4$. Publication of the Astronomical Society of Japan, 2001, 53, 1119-1131.	2.5	7
63	When Did the Hubble Sequence Appear?: Morphology, Color, and Number-Density Evolution of the Galaxies in the Hubble Deep Field North. Publication of the Astronomical Society of Japan, 2001, 53, 833-852.	2.5	35
64	Subaru Observations for the K-Band Luminosity Distribution of Galaxies in Clusters near to 3C 324 at $z \approx 1.2$. Publication of the Astronomical Society of Japan, 2000, 52, 53-60.	2.5	12
65	Color-Magnitude Sequence in the Clusters at $z \approx 1.2$ near the Radio Galaxy 3C 324. Publication of the Astronomical Society of Japan, 2000, 52, 61-72.	2.5	24
66	Color and Morphology of Galaxies in the Region of the 3C 324 Clusters at $z \approx 1.2$. Publication of the Astronomical Society of Japan, 1999, 51, 719-724.	2.5	2