Yuichi Matsuda

List of Publications by Year
in descending order

34 papers	1,755 citations	331670 21 h-index	377865 34 g-index
34 all docs	34 docs citations	34 times ranked	1375 citing authors

#	Article	IF	Citations
1	A Subaru Search for LyÎ± Blobs in and around the Protocluster Region At Redshiftz= 3.1. Astronomical Journal, 2004, 128, 569-584.	4.7	278
2	Large-Scale Structure of Emission-Line Galaxies atzâ€‰=â€‰3.1. Astronomical Journal, 2004, 128, 2073-2079.	4.7	181
3	Large Population of ALMA Galaxies at zÂ>Â6 with Very High [O iii]Â88 Î¼m to [C ii]Â158 Î¼m Flux Ratios: Evidence of Extremely High Ionization Parameter or PDR Deficit?. Astrophysical Journal, 2020, 896, 93.	4.5	109
4	THECHANDRADEEP PROTOCLUSTER SURVEY: LyÎ± BLOBS ARE POWERED BY HEATING, NOT COOLING. Astrophysical Journal, 2009, 700, 1-9.	4.5	108
5	Large-Scale Filamentary Structure around the Protocluster at Redshift z = 3.1. Astrophysical Journal, 2005, 634, L125-L128.	4.5	105
6	Gas filaments of the cosmic web located around active galaxies in a protocluster. Science, 2019, 366, 97-100.	12.6	100
7	ALMA DEEP FIELD IN SSA22: A CONCENTRATION OF DUSTY STARBURSTS IN A z = 3.09 PROTOCLUSTER CORE. Astrophysical Journal Letters, 2015, 815, L8.	8.3	89
8	THECHANDRADEEP PROTOCLUSTER SURVEY: EVIDENCE FOR AN ENHANCEMENT OF AGN ACTIVITY IN THE SSA22 PROTOCLUSTER ATz= 3.09. Astrophysical Journal, 2009, 691, 687-695.	4.5	86
9	GOLDRUSH. III. A systematic search for protoclusters at zÂˆ¼Â4 based on the >100Âdeg2 area. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	71
10	PROFILES OF LyÎ± EMISSION LINES OF THE EMITTERS ATz= 3.1. Astrophysical Journal, 2012, 751, 29.	4.5	62
11	ALMA Deep Field in SSA22: Source Catalog and Number Counts. Astrophysical Journal, 2017, 835, 98.	4.5	59
12	TheChandraDeep Protocluster Survey: point-source catalogues for a 400-ks observation of thez= 3.09 protocluster in SSA22. Monthly Notices of the Royal Astronomical Society, 2009, 400, 299-316.	4.4	58
13	INTERGALACTIC MEDIUM EMISSION OBSERVATIONS WITH THE COSMIC WEB IMAGER. II. DISCOVERY OF EXTENDED, KINEMATICALLY LINKED EMISSION AROUND SSA22 LyÎ± BLOB 2. Astrophysical Journal, 2014, 786, 107.	4.5	54
14	NIR SPECTROSCOPIC OBSERVATION OF MASSIVE GALAXIES IN THE PROTOCLUSTER ATz= 3.09. Astrophysical Journal, 2015, 799, 38.	4.5	42
15	SUBMILLIMETER ARRAY IDENTIFICATION OF THE MILLIMETER-SELECTED GALAXY SSA22-AzTEC1: A PROTOQUASAR IN A PROTOCLUSTER?. Astrophysical Journal, 2010, 724, 1270-1282.	4.5	36
16	ASSEMBLY OF MASSIVE GALAXIES IN A HIGH-zPROTOCLUSTER. Astrophysical Journal, 2012, 750, 116.	4.5	36
17	ALMA deep field in SSA22: Survey design and source catalog of a 20â€‰arcmin2 survey at 1.1â€‰mm. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	30
18	Dual Supermassive Black Holes at Close Separation Revealed by the Hyper Suprime-Cam Subaru Strategic Program. Astrophysical Journal, 2020, 899, 154.	4.5	30

#	Article	IF	Citations
19	An extremely dense group of massive galaxies at the centre of the protocluster atz= 3.09 in the SSA22 field. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3333-3344.	4.4	25
20	A Massive Quiescent Galaxy Confirmed in a Protocluster at z = 3.09. Astrophysical Journal, 2021, 919, 6.	4.5	24
21	LyÎ± view around a z = 2.84 hyperluminous QSO at a node of the cosmic web. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	23
22	Mapping the large-scale structure around a zÂ=Â1.46 galaxy cluster in 3D using two adjacent narrow-band filters. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2571-2583.	4.4	22
23	ALMA deep field in SSA22: Blindly detected CO emitters and [Câ€‰<scp>ii</scp>] emitter candidates. Publication of the Astronomical Society of Japan, 2017, 69, .	2.5	21
24	FOREVER22: galaxy formation in protocluster regions. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4037-4057.	4.4	21
25	An extragalactic spectroscopic survey of the SSA22 field. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2615-2630.	4.4	18
26	SILVERRUSH. IX. LyÎ± Intensity Mapping with Star-forming Galaxies at z = 5.7 and 6.6: A Possible Detection of Extended LyÎ± Emission at â‰³100 Comoving Kiloparsecs around and beyond the Virial-radius Scale of Galaxy Dark Matter Halos. Astrophysical Journal, 2021, 916, 22.	4.5	13
27	Optical Spectroscopy of Dual Quasar Candidates from the Subaru HSC-SSP program. Astrophysical Journal, 2021, 922, 83.	4.5	13
28	FIR-luminous [C ii] Emitters in the ALMA-SCUBA-2 COSMOS Survey (AS2COSMOS): The Nature of Submillimeter Galaxies in a 10 Comoving Megaparsec-scale Structure at zÂâˆ¼Â4.6. Astrophysical Journal, 2021, 907, 122.	4.5	12
29	A high dust emissivity index Î² for a CO-faint galaxy in a filamentary LyÎ± nebula at z = 3.1. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	9
30	Variability of Late-time Radio Emission in the Superluminous Supernova PTF10hgi. Astrophysical Journal Letters, 2021, 911, L1.	8.3	7
31	Spatially resolved molecular gas properties of host galaxy of Type I superluminous supernova SNÂ2017egm. Publication of the Astronomical Society of Japan, 2020, 72, .	2.5	4
32	Physical Characterization of Serendipitously Uncovered Millimeter-wave Line-emitting Galaxies at z âˆ¼ 2.5 behind the Local Luminous Infrared Galaxy VV 114. Astrophysical Journal, 2021, 917, 94.	4.5	4
33	ALMA Observations of LyÎ± Blob 1: Multiple Major Mergers and Widely Distributed Interstellar Media. Astrophysical Journal, 2021, 918, 69.	4.5	3
34	A VLA Survey of Late-time Radio Emission from Superluminous Supernovae and the Host Galaxies. Astrophysical Journal, 2021, 922, 17.	4.5	2