Christian Maier

List of Publications by Year
in descending order

18	3,174	567281 15	839539 18
papers	citations	h-index	g-index

18	18	18	3370
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MASS AND ENVIRONMENT AS DRIVERS OF GALAXY EVOLUTION IN SDSS AND zCOSMOS AND THE ORIGIN OF THE SCHECHTER FUNCTION. Astrophysical Journal, 2010, 721, 193-221.	4.5	1,485
2	THE zCOSMOS 10k-BRIGHT SPECTROSCOPIC SAMPLE. Astrophysical Journal, Supplement Series, 2009, 184, 218-229.	7.7	481
3	THE COSMIC BPT DIAGRAM: CONFRONTING THEORY WITH OBSERVATIONS. Astrophysical Journal Letters, 2013, 774, L10.	8.3	193
4	MASSIVE GALAXIES IN COSMOS: EVOLUTION OF BLACK HOLE VERSUS BULGE MASS BUT NOT VERSUS TOTAL STELLAR MASS OVER THE LAST 9 Gyr?. Astrophysical Journal, 2009, 706, L215-L220.	4.5	161
5	THE FMOS-COSMOS SURVEY OF STAR-FORMING GALAXIES ATzâ^¼ 1.6. II. THE MASS-METALLICITY RELATION AND THE DEPENDENCE ON STAR FORMATION RATE AND DUST EXTINCTION. Astrophysical Journal, 2014, 792, 75.	4.5	140
6	CLASH-VLT: INSIGHTS ON THE MASS SUBSTRUCTURES IN THE FRONTIER FIELDS CLUSTER MACS J0416.1â€“2403 THROUGH ACCURATE STRONG LENS MODELING. Astrophysical Journal, 2015, 800, 38.	4.5	132
7	THE DEPENDENCE OF GALACTIC OUTFLOWS ON THE PROPERTIES AND ORIENTATION OF zCOSMOS GALAXIES ATzâ^¼ 1. Astrophysical Journal, 2014, 794, 130.	4.5	98
8	THE FMOS-COSMOS SURVEY OF STAR-FORMING GALAXIES AT zÂâ^¼Â1.6. IV. EXCITATION STATE AND CHEMICAL ENRICHMENT OF THE INTERSTELLAR MEDIUM. Astrophysical Journal, 2017, 835, 88.	4.5	96
9	CLASH-VLT: DISSECTING THE FRONTIER FIELDS GALAXY CLUSTER MACS J0416.1-2403 WITH â^¼800 SPECTRA OF MEMBER GALAXIES. Astrophysical Journal, Supplement Series, 2016, 224, 33.	7.7	82
10	First Data Release of the COSMOS LyÎ± Mapping and Tomography Observations: 3D LyÎ± Forest Tomography at 2.05Â<ÂzÂ<Â2.55. Astrophysical Journal, Supplement Series, 2018, 237, 31.	7.7	80
11	THE MASS-METALLICITY AND FUNDAMENTAL METALLICITY RELATIONS ATz> 2 USING VERY LARGE TELESCOPE AND SUBARU NEAR-INFRARED SPECTROSCOPY OF zCOSMOS GALAXIES. Astrophysical Journal, 2014, 792, 3.	4.5	75
12	Slow-then-rapid quenching as traced by tentative evidence for enhanced metallicities of cluster galaxies at z â^¼ 0.2 in the slow quenching phase. Astronomy and Astrophysics, 2019, 621, A131.	5.1	39
13	The Bright and Dark Sides of High-redshift Starburst Galaxies from Herschel and Subaru Observations. Astrophysical Journal Letters, 2017, 838, L18.	8.3	32
14	Detection of zÂâ^¼Â2.3 Cosmic Voids from 3D LyÎ± Forest Tomography in the COSMOS Field. Astrophysical Journal, 2018, 861, 60.	4.5	31
15	CLASH-VLT: CONSTRAINTS ON THE DARK MATTER EQUATION OF STATE FROM ACCURATE MEASUREMENTS OF GALAXY CLUSTER MASS PROFILES. Astrophysical Journal Letters, 2014, 783, L11.	8.3	23
16	X-Ray Groups of Galaxies at 0.5 1 in zCOSMOS: Increased AGN Activities in High Redshift Groups. Publication of the Astronomical Society of Japan, 2012, 64, .	2.5	15
17	Star-formation quenching of cluster galaxies as traced by metallicity and presence of active galactic nuclei, and galactic conformity. Astronomy and Astrophysics, 2022, 658, A190.	5.1	10
18	Oxygen abundances of zCOSMOS galaxies at z â^¼ 1.4 based on five lines and implications for the fundamental metallicity relation. Proceedings of the International Astronomical Union, 2014, 10, 281-282.	0.0	1