

R Gobat

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,101
citations

516710

16
h-index

839539

18
g-index

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all docs

18
docs citations

18
times ranked

1533
citing authors

#	ARTICLE	IF	CITATIONS
1	CO excitation of normal star-forming galaxies out to $z = 1.5$ as regulated by the properties of their interstellar medium. <i>Astronomy and Astrophysics</i> , 2015, 577, A46.	5.1	213
2	CLASH-VLT: The mass, velocity-anisotropy, and pseudo-phase-space density profiles of the $z = 0.44$ galaxy cluster MACS J1206.2-0847. <i>Astronomy and Astrophysics</i> , 2013, 558, A1.	5.1	145
3	CLASH-VLT: A highly precise strong lensing model of the galaxy cluster RXC J2248.7+4431 (Abell S1063) and prospects for cosmography. <i>Astronomy and Astrophysics</i> , 2016, 587, A80.	5.1	98
4	THE AGES, METALLICITIES, AND ELEMENT ABUNDANCE RATIOS OF MASSIVE QUENCHED GALAXIES AT $z \approx 1.6$. <i>Astrophysical Journal</i> , 2015, 808, 161.	4.5	91
5	The unexpectedly large dust and gas content of quiescent galaxies at $z > 1.4$. <i>Nature Astronomy</i> , 2018, 2, 239-246.	10.1	71
6	THE EARLY EARLY TYPE: DISCOVERY OF A PASSIVE GALAXY AT $z \approx 3$. <i>Astrophysical Journal Letters</i> , 2012, 759, L44.	8.3	57
7	CLASH-VLT: Environment-driven evolution of galaxies in the $z = 0.209$ cluster Abell 209. <i>Astronomy and Astrophysics</i> , 2016, 585, A160.	5.1	54
8	An extremely young massive clump forming by gravitational collapse in a primordial galaxy. <i>Nature</i> , 2015, 521, 54-56.	27.8	53
9	CLASH-VLT: The stellar mass function and stellar mass density profile of the $z = 0.44$ cluster of galaxies MACS J1206.2-0847. <i>Astronomy and Astrophysics</i> , 2014, 571, A80.	5.1	50
10	The Main Sequence at $z \approx 1.3$ Contains a Sizable Fraction of Galaxies with Compact Star Formation Sizes: A New Population of Early Post-starbursts?. <i>Astrophysical Journal Letters</i> , 2019, 877, L23.	8.3	48
11	CLASH-VLT: Substructure in the galaxy cluster MACS J1206.2-0847 from kinematics of galaxy populations. <i>Astronomy and Astrophysics</i> , 2015, 579, A4.	5.1	45
12	A DIRECT CONSTRAINT ON THE GAS CONTENT OF A MASSIVE, PASSIVELY EVOLVING ELLIPTICAL GALAXY AT $z = 1.43$. <i>Astrophysical Journal Letters</i> , 2015, 806, L20.	8.3	40
13	CO emission in distant galaxies on and above the main sequence. <i>Astronomy and Astrophysics</i> , 2020, 641, A155.	5.1	36
14	The Typical Massive Quiescent Galaxy at $z \approx 3$ is a Post-starburst. <i>Astrophysical Journal Letters</i> , 2020, 892, L2.	8.3	35
15	CLASH-VLT: Abell S1063. <i>Astronomy and Astrophysics</i> , 2021, 656, A147.	5.1	24
16	In and out star formation in $z \approx 1.5$ quiescent galaxies from rest-frame UV spectroscopy and the far-infrared. <i>Astronomy and Astrophysics</i> , 2017, 599, A95.	5.1	21
17	The effect of active galactic nuclei on the cold interstellar medium in distant star-forming galaxies. <i>Astronomy and Astrophysics</i> , 2021, 654, A165.	5.1	12
18	The evolution of the gas fraction of quiescent galaxies modeled as a consequence of their creation rate. <i>Astronomy and Astrophysics</i> , 2020, 644, L7.	5.1	8