

Timo Anguita

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,973
citations

186265

28
h-index

175258

52
g-index

70
all docs

70
docs citations

70
times ranked

2889
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of the Observing Cadence for the Rubin Observatory Legacy Survey of Space and Time: A Pioneering Process of Community-focused Experimental Design. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 1.	7.7	40
2	The Impact of Observing Strategy on Cosmological Constraints with LSST. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 58.	7.7	13
3	Survey of Gravitationally Lensed Objects in HSC Imaging (SuGOHI) – VII. Discovery and confirmation of three strongly lensed quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1487-1493.	4.4	14
4	Projected Cosmological Constraints from Strongly Lensed Supernovae with the Roman Space Telescope. <i>Astrophysical Journal</i> , 2021, 908, 190.	4.5	15
5	Discovery of two bright high-redshift gravitationally lensed quasars revealed by <i>Gaia</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 738-747.	4.4	5
6	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2017/2018 follow-up campaign: discovery of 10 lensed quasars and 10 quasar pairs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3491-3511.	4.4	34
7	A quasar microlensing light-curve generator for LSST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 544-553.	4.4	10
8	STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES J0408+5354 and WGD 2038+4008. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 3241-3274.	4.4	10
9	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408+5354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 6072-6102.	4.4	140
10	The ALMA Frontier Fields Survey. <i>Astronomy and Astrophysics</i> , 2020, 633, A160.	5.1	10
11	Double dark matter vision: twice the number of compact-source lenses with narrow-line lensing and the WFC3 grism. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5314-5335.	4.4	31
12	TDCOSMO. <i>Astronomy and Astrophysics</i> , 2020, 642, A193.	5.1	30
13	COSMOGRAIL. <i>Astronomy and Astrophysics</i> , 2019, 629, A97.	5.1	31
14	The ALMA Frontier Fields Survey. <i>Astronomy and Astrophysics</i> , 2019, 631, C2.	5.1	2
15	Imaging the molecular interstellar medium in a gravitationally lensed star-forming galaxy at $z = 5.7$. <i>Astronomy and Astrophysics</i> , 2019, 628, A23.	5.1	28
16	Is every strong lens model unhappy in its own way? Uniform modelling of a sample of 13 quadruply+ imaged quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 5649-5671.	4.4	73
17	Bright lenses are easy to find: spectroscopic confirmation of lensed quasars in the Southern Sky. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3888-3893.	4.4	11
18	Quasar lenses and pairs in the VST-ATLAS and Gaia. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2086-2096.	4.4	28

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19	Discovery of three strongly lensed quasars in the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 477, L70-L74.	3.3	17
20	The ALMA Frontier Fields Survey. Astronomy and Astrophysics, 2018, 620, A125.	5.1	18
21	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign â€“ I. Overview and classification of candidates selected by two techniques. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1041-1054.	4.4	48
22	COSMOGRAIL. Astronomy and Astrophysics, 2018, 616, A183.	5.1	47
23	DES meets Gaia: discovery of strongly lensed quasars from a multiplet search. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4345-4354.	4.4	39
24	COSMOGRAIL: the COSmological MONitoring of GRAVItational Lenses. Astronomy and Astrophysics, 2018, 609, A71.	5.1	66
25	Spectroscopic characterization of galaxy clusters in RCS-1: spectroscopic confirmation, redshift accuracy, and dynamical massâ€“richness relation. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1991-2012.	4.4	1
26	Serendipitous discovery of quadruply imaged quasars: two diamonds. Monthly Notices of the Royal Astronomical Society, 2018, 476, 927-932.	4.4	12
27	A gravitationally lensed quasar discovered in OGLE. Monthly Notices of the Royal Astronomical Society, 2018, 476, 663-672.	4.4	13
28	Another Quadruply Lensed Quasar from the VST-ATLAS Survey. Research Notes of the AAS, 2018, 2, 21.	0.7	6
29	The ALMA Frontier Fields Survey. Astronomy and Astrophysics, 2017, 597, A41.	5.1	54
30	MiNDSTeP differential photometry of the gravitationally lensed quasars WFIâ€“2033-4723 and HEâ€“0047-1756: microlensing and a new time delay. Astronomy and Astrophysics, 2017, 597, A49.	5.1	12
31	VLT/MAGELLAN SPECTROSCOPY OF 29 STRONG LENSING SELECTED GALAXY CLUSTERS. Astrophysical Journal, 2017, 834, 210.	4.5	12
32	New Constraints on Quasar Broad Absorption and Emission Line Regions from Gravitational Microlensing. Frontiers in Astronomy and Space Sciences, 2017, 4, .	2.8	5
33	The ALMA Frontier Fields Survey. Astronomy and Astrophysics, 2017, 604, A132.	5.1	23
34	The different origins of high- and low-ionization broad emission lines revealed by gravitational microlensing in the Einstein cross. Astronomy and Astrophysics, 2016, 592, A23.	5.1	16
35	THE ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SEARCH FOR [] LINE AND DUST EMISSION IN 6<math>\hat{A}</math> GALAXIES. Astrophysical Journal, 2016, 833, 71.	4.5	83
36	THE ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: CONTINUUM NUMBER COUNTS, RESOLVED 1.2 mm EXTRAGALACTIC BACKGROUND, AND PROPERTIES OF THE FAINTEST DUSTY STAR-FORMING GALAXIES. Astrophysical Journal, 2016, 833, 68.	4.5	115

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37	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: CO LUMINOSITY FUNCTIONS AND THE EVOLUTION OF THE COSMIC DENSITY OF MOLECULAR GAS. <i>Astrophysical Journal</i> , 2016, 833, 69.	4.5	97
38	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SURVEY DESCRIPTION. <i>Astrophysical Journal</i> , 2016, 833, 67.	4.5	172
39	WV SURVEY OBSERVATIONS OF A MICROLENSING STELLAR MASS BLACK HOLE CANDIDATE IN THE FIELD OF THE GLOBULAR CLUSTER NGC 6553. <i>Astrophysical Journal Letters</i> , 2015, 810, L20.	8.3	17
40	Photometric classification of quasars from RCS-2 using Random Forest. <i>Astronomy and Astrophysics</i> , 2015, 584, A44.	5.1	26
41	Evidence for two spatially separated UV continuum emitting regions in the Cloverleaf broad absorption line quasar. <i>Astronomy and Astrophysics</i> , 2015, 582, A109.	5.1	15
42	Polarization microlensing in the quadruply imaged broad absorption line quasar H1413+117. <i>Astronomy and Astrophysics</i> , 2015, 584, A61.	5.1	11
43	BOMBOLO: A 3-arms optical imager for SOAR Observatory. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
44	Microlensing of the broad-line region in the quadruply imaged quasar HE0435-1223. <i>Astronomy and Astrophysics</i> , 2014, 565, L11.	5.1	29
45	Mid-infrared microlensing of accretion disc and dusty torus in quasars: effects on flux ratio anomalies. <i>Astronomy and Astrophysics</i> , 2013, 553, A53.	5.1	16
46	Flux and color variations of the doubly imaged quasar UM673. <i>Astronomy and Astrophysics</i> , 2013, 551, A104.	5.1	6
47	CLASH: MASS DISTRIBUTION IN AND AROUND MACS J1206.2-0847 FROM A FULL CLUSTER LENSING ANALYSIS. <i>Astrophysical Journal</i> , 2012, 755, 56.	4.5	101
48	CLASH: PRECISE NEW CONSTRAINTS ON THE MASS PROFILE OF THE GALAXY CLUSTER A2261. <i>Astrophysical Journal</i> , 2012, 757, 22.	4.5	112
49	GALAXY SCALE LENSES IN THE RCS2. I. FIRST CATALOG OF CANDIDATE STRONG LENSES. <i>Astrophysical Journal</i> , 2012, 748, 129.	4.5	3
50	OGLE-2008-BLG-510: first automated real-time detection of a weak microlensing anomaly - brown dwarf or stellar binary?.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 902-918.	4.4	21
51	Zooming into the broad line region of the gravitationally lensed quasar QSO A2237+ A0305 the Einstein Cross. <i>Astronomy and Astrophysics</i> , 2011, 528, A100.	5.1	69
52	Flux and color variations of the quadruply imaged quasar HE 0435-1223. <i>Astronomy and Astrophysics</i> , 2011, 528, A42.	5.1	15
53	On the evolution of environmental and mass properties of strong lens galaxies in COSMOS. <i>Astronomy and Astrophysics</i> , 2011, 529, A72.	5.1	30
54	OGLE 2008 BLG 290: an accurate measurement of the limb darkening of a galactic bulge K Giant spatially resolved by microlensing. <i>Astronomy and Astrophysics</i> , 2010, 518, A51.	5.1	14

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55	COSMIC EVOLUTION OF VIRIAL AND STELLAR MASS IN MASSIVE EARLY-TYPE GALAXIES. <i>Astrophysical Journal</i> , 2010, 716, 1579-1595.	4.5	41
56	Realisation of a fully deterministic microlensing observing strategy for inferring planet populations. <i>Astronomische Nachrichten</i> , 2010, 331, 671-691.	1.2	87
57	Microlensing in H1413+117: disentangling line profile emission and absorption in a broad absorption line quasar. <i>Astronomy and Astrophysics</i> , 2010, 519, A103.	5.1	24
58	SUB-SATURN PLANET MOA-2008-BLG-310Lb: LIKELY TO BE IN THE GALACTIC BULGE. <i>Astrophysical Journal</i> , 2010, 711, 731-743.	4.5	117
59	FREQUENCY OF SOLAR-LIKE SYSTEMS AND OF ICE AND GAS GIANTS BEYOND THE SNOW LINE FROM HIGH-MAGNIFICATION MICROLENSING EVENTS IN 2005-2008. <i>Astrophysical Journal</i> , 2010, 720, 1073-1089.	4.5	296
60	High-precision photometry by telescope defocusing - I. The transiting planetary system WASP-5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1023-1031.	4.4	192
61	High-precision photometry by telescope defocussing - II. The transiting planetary system WASP-4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 287-294.	4.4	88
62	A systematic fitting scheme for caustic-crossing microlensing events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 787-796.	4.4	11
63	COSMOS 5921+0638: characterization and analysis of a new strong gravitationally lensed AGN. <i>Astronomy and Astrophysics</i> , 2009, 507, 35-46.	5.1	19
64	Redshifts and lens profile for the double quasar QJ0158-4325. <i>Astronomy and Astrophysics</i> , 2009, 496, 361-364.	5.1	14
65	The multiple quasar Q2237+0305 under a microlensing caustic. <i>Astronomy and Astrophysics</i> , 2008, 480, 327-334.	5.1	78
66	Integral field spectroscopy of four lensed quasars: analysis of their neighborhood and evidence for microlensing. <i>Astronomy and Astrophysics</i> , 2008, 481, 615-627.	5.1	23
67	Microlensing variability in the gravitationally lensed quasar QSO 2237+0305 equiv the Einstein Cross. <i>Astronomy and Astrophysics</i> , 2008, 490, 933-943.	5.1	101
68	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign. II. New quasar lenses from double component fitting.. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, ..	4.4	16