

# Timo Anguita

## List of Publications by Year in descending order

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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	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
2	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
3	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SURVEY DESCRIPTION. <i>Astrophysical Journal</i> , 2016, 833, 67.	4.5	172
4	STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408 $\hat{\sim}$ 5354. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 6072-6102.	4.4	140
5	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
6	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. <i>Astrophysical Journal</i> , 2016, 833, 68.	4.5	115
7	CLASH: PRECISE NEW CONSTRAINTS ON THE MASS PROFILE OF THE GALAXY CLUSTER A2261. <i>Astrophysical Journal</i> , 2012, 757, 22.	4.5	112
8	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
9	Microlensing variability in the gravitationally lensed quasar QSO $\hat{\sim}$ 2237+0305 $\mathit{equiv}$ the Einstein Cross. <i>Astronomy and Astrophysics</i> , 2008, 490, 933-943.	5.1	101
10	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
11	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
12	Realisation of a fully $\hat{\epsilon}$ deterministic microlensing observing strategy for inferring planet populations. <i>Astronomische Nachrichten</i> , 2010, 331, 671-691.	1.2	87
13	THE ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SEARCH FOR [ ] LINE AND DUST EMISSION IN 6 $\hat{\&}$ $\hat{\&}$ $\hat{\&}$ GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 71.	4.5	83
14	The multiple quasar Q2237+0305 under a microlensing caustic. <i>Astronomy and Astrophysics</i> , 2008, 480, 327-334.	5.1	78
15	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
16	Zooming into the broad line region of the gravitationally lensed quasar QSO $\hat{\sim}$ 2237 $\hat{\&}$ 0305 $\hat{\&}$ the Einstein Cross. <i>Astronomy and Astrophysics</i> , 2011, 528, A100.	5.1	69
17	COSMOGRAIL: the COSmological MONitoring of GRAVltational Lenses. <i>Astronomy and Astrophysics</i> , 2018, 609, A71.	5.1	66
18	The ALMA Frontier Fields Survey. <i>Astronomy and Astrophysics</i> , 2017, 597, A41.	5.1	54

#	ARTICLE	IF	CITATIONS
19	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
20	COSMOGRAIL. Astronomy and Astrophysics, 2018, 616, A183.	5.1	47
21	COSMIC EVOLUTION OF VIRIAL AND STELLAR MASS IN MASSIVE EARLY-TYPE GALAXIES. Astrophysical Journal, 2010, 716, 1579-1595.	4.5	41
22	Optimization of the Observing Cadence for the Rubin Observatory Legacy Survey of Space and Time: A Pioneering Process of Community-focused Experimental Design. Astrophysical Journal, Supplement Series, 2022, 258, 1.	7.7	40
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	The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2017/2018 follow-up campaign: discovery of 10 lensed quasars and 10 quasar pairs. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3491-3511.	4.4	34
25	COSMOGRAIL. Astronomy and Astrophysics, 2019, 629, A97.	5.1	31
26	Double dark matter vision: twice the number of compact-source lenses with narrow-line lensing and the WFC3 grism. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5314-5335.	4.4	31
27	On the evolution of environmental and mass properties of strong lens galaxies in COSMOS. Astronomy and Astrophysics, 2011, 529, A72.	5.1	30
28	TDCOSMO. Astronomy and Astrophysics, 2020, 642, A193.	5.1	30
29	Microlensing of the broad-line region in the quadruply imaged quasar HE0435-1223. Astronomy and Astrophysics, 2014, 565, L11.	5.1	29
30	Quasar lenses and pairs in the VST-ATLAS and Gaia. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2086-2096.	4.4	28
31	Imaging the molecular interstellar medium in a gravitationally lensed star-forming galaxy at $z = 5.7$ . Astronomy and Astrophysics, 2019, 628, A23.	5.1	28
32	Photometric classification of quasars from RCS-2 using Random Forest. Astronomy and Astrophysics, 2015, 584, A44.	5.1	26
33	Microlensing in H1413+117: disentangling line profile emission and absorption in a broad absorption line quasar. Astronomy and Astrophysics, 2010, 519, A103.	5.1	24
34	Integral field spectroscopy of four lensed quasars: analysis of their neighborhood and evidence for microlensing. Astronomy and Astrophysics, 2008, 481, 615-627.	5.1	23
35	The ALMA Frontier Fields Survey. Astronomy and Astrophysics, 2017, 604, A132.	5.1	23
36	OGLE-2008-BLG-510: first automated real-time detection of a weak microlensing anomaly - brown dwarf or stellar binary?â€¦ Monthly Notices of the Royal Astronomical Society, 2012, 424, 902-918.	4.4	21

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37	COSMOSÂ5921+0638: characterization and analysis of a new strong gravitationally lensed AGN. <i>Astronomy and Astrophysics</i> , 2009, 507, 35-46.	5.1	19
38	The ALMA Frontier Fields Survey. <i>Astronomy and Astrophysics</i> , 2018, 620, A125.	5.1	18
39	VVV 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	Discovery of three strongly lensed quasars in the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 477, L70-L74.	3.3	17
41	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
42	The different origins of high- and low-ionization broad emission lines revealed by gravitational microlensing in the Einstein cross. <i>Astronomy and Astrophysics</i> , 2016, 592, A23.	5.1	16
43	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
44	Flux and color variations of the quadruply imaged quasar HE 0435-1223. <i>Astronomy and Astrophysics</i> , 2011, 528, A42.	5.1	15
45	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
46	Projected Cosmological Constraints from Strongly Lensed Supernovae with the Roman Space Telescope. <i>Astrophysical Journal</i> , 2021, 908, 190.	4.5	15
47	OGLEÂ2008â€“BLCâ€“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
48	Survey of Gravitationally Lensed Objects in HSC Imaging (SuGOHI) â€“ VII. Discovery and confirmation of three strongly lensed quasarsâ€“. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1487-1493.	4.4	14
49	Redshifts and lens profile for the double quasar QJÂ0158-4325. <i>Astronomy and Astrophysics</i> , 2009, 496, 361-364.	5.1	14
50	A gravitationally lensed quasar discovered in OGLE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 663-672.	4.4	13
51	The Impact of Observing Strategy on Cosmological Constraints with LSST. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 58.	7.7	13
52	MiNDSTEp differential photometry of the gravitationally lensed quasars WFIâ€“2033-4723 and HEâ€“0047-1756; microlensing and a new time delay. <i>Astronomy and Astrophysics</i> , 2017, 597, A49.	5.1	12
53	VLT/MAGELLAN SPECTROSCOPY OF 29 STRONG LENSING SELECTED GALAXY CLUSTERS. <i>Astrophysical Journal</i> , 2017, 834, 210.	4.5	12
54	Serendipitous discovery of quadruply imaged quasars: two diamonds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 927-932.	4.4	12

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55	A systematic fitting scheme for caustic-crossing microlensing events. Monthly Notices of the Royal Astronomical Society, 2009, 395, 787-796.	4.4	11
56	Bright lenses are easy to find: spectroscopic confirmation of lensed quasars in the Southern Sky. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3888-3893.	4.4	11
57	Polarization microlensing in the quadruply imaged broad absorption line quasar H1413+117. Astronomy and Astrophysics, 2015, 584, A61.	5.1	11
58	A quasar microlensing light-curve generator for LSST. Monthly Notices of the Royal Astronomical Society, 2020, 495, 544-553.	4.4	10
59	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 DES J02038+4008. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3241-3274.	4.4	10
60	The ALMA Frontier Fields Survey. Astronomy and Astrophysics, 2020, 633, A160.	5.1	10
61	Flux and color variations of the doubly imaged quasar UM673. Astronomy and Astrophysics, 2013, 551, A104.	5.1	6
62	Another Quadruply Lensed Quasar from the VST-ATLAS Survey. Research Notes of the AAS, 2018, 2, 21.	0.7	6
63	New Constraints on Quasar Broad Absorption and Emission Line Regions from Gravitational Microlensing. Frontiers in Astronomy and Space Sciences, 2017, 4, .	2.8	5
64	Discovery of two bright high-redshift gravitationally lensed quasars revealed by Gaia. Monthly Notices of the Royal Astronomical Society, 2021, 509, 738-747.	4.4	5
65	GALAXY SCALE LENSES IN THE RCS2. I. FIRST CATALOG OF CANDIDATE STRONG LENSES. Astrophysical Journal, 2012, 748, 129.	4.5	3
66	The ALMA Frontier Fields Survey. Astronomy and Astrophysics, 2019, 631, C2.	5.1	2
67	Spectroscopic characterization of galaxy clusters in RCS-1: spectroscopic confirmation, redshift accuracy, and dynamical mass–richness relation. Monthly Notices of the Royal Astronomical Society, 2018, 476, 1991-2012.	4.4	1
68	BOMBOLO: A 3-arms optical imager for SOAR Observatory. Proceedings of SPIE, 2014, , .	0.8	0