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List of Publications by Year
in descending order

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72 papers	5,459 citations	117625 34 h-index	88630 70 g-index
72 all docs	72 docs citations	72 times ranked	3390 citing authors

#	Article	IF	Citations
1	A 6% measurement of the Hubble parameter at zâˆ¼0.45: direct evidence of the epoch of cosmic re-acceleration. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 014-014.	5.4	646
2	Improved constraints on the expansion rate of the Universe up to z âˆ¼ 1.1 from the spectroscopic evolution of cosmic chronometers. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 006-006.	5.4	581
3	Raising the bar: new constraints on the Hubble parameter with cosmic chronometers at zÂˆ¼Â2. Monthly Notices of the Royal Astronomical Society: Letters, 2015, 450, L16-L20.	3.3	554
4	zCOSMOS â€“ 10k-bright spectroscopic sample. Astronomy and Astrophysics, 2010, 523, A13.	5.1	354
5	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. Journal of High Energy Astrophysics, 2022, 34, 49-211.	6.7	350
6	THE RADIAL AND AZIMUTHAL PROFILES OF Mg II ABSORPTION AROUND 0.5 <<i>z</i>< 0.9 zCOSMOS GALAXIES OF DIFFERENT COLORS, MASSES, AND ENVIRONMENTS. Astrophysical Journal, 2011, 743, 10.	4.5	245
7	New constraints on cosmological parameters and neutrino properties using the expansion rate of the Universe tozâˆ¼ 1.75. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 053-053.	5.4	203
8	Euclid preparation. Astronomy and Astrophysics, 2020, 642, A191.	5.1	194
9	The dominant role of mergers in the size evolution of massive early-type galaxies sincezÂ~Â 1. Astronomy and Astrophysics, 2012, 548, A7.	5.1	116
10	Eppur Ã¨ piatto? The Cosmic Chronometers Take on Spatial Curvature and Cosmic Concordance. Astrophysical Journal, 2021, 908, 84.	4.5	112
11	Euclid preparation. Astronomy and Astrophysics, 2022, 662, A112.	5.1	106
12	THE DEPENDENCE OF GALACTIC OUTFLOWS ON THE PROPERTIES AND ORIENTATION OF zCOSMOS GALAXIES ATzâˆ¼ 1. Astrophysical Journal, 2014, 794, 130.	4.5	98
13	The VANDELS ESO public spectroscopic survey: Observations and first data release. Astronomy and Astrophysics, 2018, 616, A174.	5.1	93
14	An improved model-independent assessment of the late-time cosmic expansion. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 015-015.	5.4	89
15	THE zCOSMOS 20k GROUP CATALOG. Astrophysical Journal, 2012, 753, 121.	4.5	88
16	The VANDELS ESO public spectroscopic survey. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	79
17	zCOSMOS 20k: satellite galaxies are the main drivers of environmental effects in the galaxy population at least to z âˆ¼ 0.7. Monthly Notices of the Royal Astronomical Society, 2014, 438, 717-738.	4.4	78
18	Spot the difference. Astronomy and Astrophysics, 2013, 558, A61.	5.1	69

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19	The zCOSMOS survey: the role of the environment in the evolution of the luminosity function of different galaxy types. Astronomy and Astrophysics, 2009, 508, 1217-1234.	5.1	66
20	Setting the Stage for Cosmic Chronometers. II. Impact of Stellar Population Synthesis Models Systematics and Full Covariance Matrix. Astrophysical Journal, 2020, 898, 82.	4.5	66
21	Euclid preparation: IX. EuclidEmulator2 â€“ power spectrum emulation with massive neutrinos and self-consistent dark energy perturbations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2840-2869.	4.4	62
22	Toward a Better Understanding of Cosmic Chronometers: A New Measurement of H(z) at z âˆ¼ 0.7. Astrophysical Journal Letters, 2022, 928, L4.	8.3	57
23	Setting the Stage for Cosmic Chronometers. I. Assessing the Impact of Young Stellar Populations on Hubble Parameter Measurements. Astrophysical Journal, 2018, 868, 84.	4.5	53
24	CosmoBolognaLib: C++ libraries for cosmological calculations. Astronomy and Computing, 2016, 14, 35-42.	1.7	52
25	THE COLORS OF CENTRAL AND SATELLITE GALAXIES IN zCOSMOS OUT TOzâ‰ƒ 0.8 AND IMPLICATIONS FOR QUENCHING. Astrophysical Journal, 2013, 769, 24.	4.5	48
26	PROTO-GROUPS AT 1.8 <<i>z</i>< 3 IN THE zCOSMOS-DEEP SAMPLE. Astrophysical Journal, 2013, 765, 109.	4.5	48
27	The local and distant Universe: stellar ages and H₀. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 043-043.	5.4	48
28	Constraining the time evolution of dark energy, curvature and neutrino properties with cosmic chronometers. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 039-039.	5.4	47
29	Inferring the star-formation histories of the most massive and passive early-type galaxies atz< 0.3. Astronomy and Astrophysics, 2016, 592, A19.	5.1	46
30	The VANDELS ESO public spectroscopic survey. Astronomy and Astrophysics, 2021, 647, A150.	5.1	46
31	Obscured AGN atzâ€‰~â€‰1 from the zCOSMOS-Bright Survey. Astronomy and Astrophysics, 2013, 556, A29.	5.1	44
32	Constraining the expansion rate of the Universe using low-redshift ellipticals as cosmic chronometers. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 045-045.	5.4	43
33	Resonant pumped erbium-doped waveguide lasers using distributed Bragg reflector cavities. Optics Letters, 2016, 41, 1189.	3.3	41
34	Ultra-narrow-linewidth Al_2O_3:Er^3+ lasers with a wavelength-insensitive waveguide design on a wafer-scale silicon nitride platform. Optics Express, 2017, 25, 13705.	3.4	40
35	Euclid preparation. Astronomy and Astrophysics, 2019, 631, A85.	5.1	40
36	Euclid preparation. Astronomy and Astrophysics, 2020, 644, A31.	5.1	39

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37	A journey from the outskirts to the cores of groups. Astronomy and Astrophysics, 2012, 539, A55.	5.1	35
38	zCOSMOS 10k-bright spectroscopic sample. Astronomy and Astrophysics, 2010, 524, A67.	5.1	33
39	An improved measurement of baryon acoustic oscillations from the correlation function of galaxy clusters at z âˆ¼ 0.3. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3275-3283.	4.4	32
40	Old age and supersolar metallicity in a massivezâˆ¼ 1.4 early-type galaxy from VLT/X-Shooter spectroscopy. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3912-3919.	4.4	32
41	Wavelength division multiplexed light source monolithically integrated on a silicon photonics platform. Optics Letters, 2017, 42, 1772.	3.3	32
42	Cosmological constraints from a joint analysis of cosmic growth and expansion. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 471, L82-L86.	3.3	27
43	Measuring the distanceâ€“redshift relation with the baryon acoustic oscillations of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1909-1920.	4.4	25
44	Passive galaxies as tracers of cluster environments atz~ 2. Astronomy and Astrophysics, 2015, 576, L6.	5.1	22
45	In and out star formation inzâ€‰~â€‰1.5 quiescent galaxies from rest-frame UV spectroscopy and the far-infrared. Astronomy and Astrophysics, 2017, 599, A95.	5.1	21
46	Disentangling interacting dark energy cosmologies with the three-point correlation function. Monthly Notices of the Royal Astronomical Society, 2014, 443, 2874-2886.	4.4	17
47	Toward a Better Understanding of Cosmic Chronometers: Stellar Population Properties of Passive Galaxies at Intermediate Redshift. Astrophysical Journal, 2022, 927, 164.	4.5	16
48	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
49	Euclid preparation. Astronomy and Astrophysics, 2020, 635, A139.	5.1	15
50	Euclid preparation. Astronomy and Astrophysics, 2020, 642, A192.	5.1	15
51	A combined VANDELS and LEGA-C study: the evolution of quiescent galaxy size, stellar mass, and age from z = 0.6 to z = 1.3. Monthly Notices of the Royal Astronomical Society, 2022, 512, 1262-1274.	4.4	15
52	The COSMOS density field: a reconstruction using both weak lensing and galaxy distributions. Monthly Notices of the Royal Astronomical Society, 2012, 424, 553-563.	4.4	14
53	Investigating the relationship between AGN activity and stellar mass in zCOSMOS galaxies at 0â€‰<â€‰<i>z</i>â€‰<â€‰1 using emission-line diagnostic diagrams. Astronomy and Astrophysics, 2013, 556, A11.	5.1	14
54	The VIMOS Public Extragalactic Redshift Survey (VIPERS). Astronomy and Astrophysics, 2017, 604, A133.	5.1	14

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55	A GROUP-GALAXY CROSS-CORRELATION FUNCTION ANALYSIS IN zCOSMOS. Astrophysical Journal, 2012, 755, 48.	4.5	12
56	The effective Lagrangian of dark energy from observations. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 014-014.	5.4	11
57	Euclid Preparation. XIV. The Complete Calibration of the Colorâ€“Redshift Relation (C3R2) Survey: Data Release 3. Astrophysical Journal, Supplement Series, 2021, 256, 9.	7.7	11
58	The zCOSMOS redshift survey: evolution of the light in bulges and discs sincez~ 0.8. Astronomy and Astrophysics, 2014, 564, L12.	5.1	10
59	A methodology to select galaxies just after the quenching of star formation. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3108-3124.	4.4	10
60	Euclid: Forecast constraints on consistency tests of the Î›CDM model. Astronomy and Astrophysics, 2022, 660, A67.	5.1	10
61	On the robustness of the HÎ² Lick index as a cosmic clock in passive early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1747-1759.	4.4	9
62	Euclid: the selection of quiescent and star-forming galaxies using observed colours. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2337-2354.	4.4	9
63	C³: Cluster Clustering Cosmology. ii. First Detection of the Baryon Acoustic Oscillations Peak in the Three-point Correlation Function of Galaxy Clusters. Astrophysical Journal, 2021, 919, 144.	4.5	9
64	Spatially resolved signature of quenching in star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2347-2366.	4.4	7
65	Euclid preparation. Astronomy and Astrophysics, 2021, 647, A117.	5.1	7
66	Galaxies in the act of quenching star formation. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3335-3355.	4.4	5
67	A joint 2- and 3-point clustering analysis of the VIPERS PDR2 catalogue at z âˆ¼ 1: breaking the degeneracy of cosmological parameters. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1184-1201.	4.4	5
68	Reliable Integrated Photonic Light Sources Using Curved Al2O3:Er3+ Distributed Feedback Lasers. IEEE Photonics Journal, 2017, 9, 1-9.	2.0	3
69	Automated reliability assessment for spectroscopic redshift measurements. Astronomy and Astrophysics, 2018, 611, A53.	5.1	3
70	Euclid: Constraining ensemble photometric redshift distributions with stacked spectroscopy. Astronomy and Astrophysics, 2022, 660, A9.	5.1	2
71	Euclid preparation. Astronomy and Astrophysics, 2020, 638, C2.	5.1	1
72	Ultra-narrow-linewidth erbium-doped lasers on a silicon photonics platform. , 2018, , .		0