

Francesco Montanari

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,569
citations

567281

15
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

1630
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass classification of dark matter perturbers of stellar tidal streams. <i>Physics of the Dark Universe</i> , 2022, 35, 100978.	4.9	4
2	Speeding up the detectability of the harmonic-space galaxy bispectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 002-002.	5.4	2
3	Full-sky bispectrum in redshift space for 21cm intensity maps. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 003-003.	5.4	13
4	The full-sky angular bispectrum in redshift space. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 053-053.	5.4	38
5	Searching for correlations in Gaia DR2 unbound star trajectories. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5647-5657.	4.4	7
6	Model-Independent Determination of H_0 and Ω_m from Strong Lensing and Type Ia Supernovae. <i>Physical Review Letters</i> , 2019, 123, 231101.	7.8	48
7	<i>Chandra</i> centres for COSMOS X-ray galaxy groups: differences in stellar properties between central dominant and offset brightest group galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 3545-3565.	4.4	39
8	Brightest group galaxies II: the relative contribution of BGGs to the total baryon content of groups at $z \lesssim 1.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2787-2808.	4.4	10
9	Cosmology and fundamental physics with the Euclid satellite. <i>Living Reviews in Relativity</i> , 2018, 21, 2.	26.7	602
10	Evaluating backreaction with the ellipsoidal collapse model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 008-008.	5.4	8
11	Galileon gravity in light of ISW, CMB, BAO and $H(z)$ data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 020-020.	5.4	154
12	Backreaction and FRW consistency conditions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 032-032.	5.4	15
13	Cosmological measurements with general relativistic galaxy correlations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 009-009.	5.4	57
14	Gravity at the horizon: on relativistic effects, CMB-LSS correlations and ultra-large scales in Horndeski's theory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 040-040.	5.4	43
15	Lensing convergence and the neutrino mass scale in galaxy redshift surveys. <i>Physical Review D</i> , 2016, 94, .	4.7	37
16	Curvature constraints from large scale structure. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 013-013.	5.4	47
17	The bispectrum of relativistic galaxy number counts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 016-016.	5.4	53
18	Measuring the lensing potential with tomographic galaxy number counts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 070-070.	5.4	63

#	ARTICLE	IF	CITATIONS
19	Cosmological parameter estimation with large scale structure observations. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 042-042.	5.4	56
20	Galaxy number counts to second order and their bispectrum. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 017-017.	5.4	84
21	The CLASSgal code for relativistic cosmological large scale structure. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 044-044.	5.4	136
22	New method for the Alcock-Paczyński test. Physical Review D, 2012, 86, .	4.7	35
23	Analytic approach to baryon acoustic oscillations. Physical Review D, 2011, 84, .	4.7	9