

# Francesco Montanari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7535551/publications.pdf>

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	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	26.7	602
2	Galileon gravity in light of ISW, CMB, BAO and $H(z)$ data. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 020-020.	5.4	154
3	The CLASSgal code for relativistic cosmological large scale structure. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 044-044.	5.4	136
4	Galaxy number counts to second order and their bispectrum. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 017-017.	5.4	84
5	Measuring the lensing potential with tomographic galaxy number counts. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 070-070.	5.4	63
6	Cosmological measurements with general relativistic galaxy correlations. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 009-009.	5.4	57
7	Cosmological parameter estimation with large scale structure observations. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 042-042.	5.4	56
8	The bispectrum of relativistic galaxy number counts. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 016-016.	5.4	53
9	Model-independent Determination of $H(z)$ and $\Omega_m(z)$ from Strong Lensing and Type Ia Supernovae. Physical Review Letters, 2019, 123, 231101.	7.8	48
10	Curvature constraints from large scale structure. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 013-013.	5.4	47
11	Gravity at the horizon: on relativistic effects, CMB-LSS correlations and ultra-large scales in Horndeski's theory. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 040-040.	5.4	43
12	$\chi$ Centres for COSMOS X-ray galaxy groups: differences in stellar properties between central dominant and offset brightest group galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3545-3565.	4.4	39
13	The full-sky angular bispectrum in redshift space. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 053-053.	5.4	38
14	Lensing convergence and the neutrino mass scale in galaxy redshift surveys. Physical Review D, 2016, 94, .	4.7	37
15	New method for the Alcock-Paczyński test. Physical Review D, 2012, 86, .	4.7	35
16	Backreaction and FRW consistency conditions. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 032-032.	5.4	15
17	Full-sky bispectrum in redshift space for 21cm intensity maps. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 003-003.	5.4	13
18	Brightest group galaxies II: the relative contribution of BGGs to the total baryon content of groups at $z \lesssim 1.3$ . Monthly Notices of the Royal Astronomical Society, 2018, 475, 2787-2808.	4.4	10

#	ARTICLE	IF	CITATIONS
19	Analytic approach to baryon acoustic oscillations. <i>Physical Review D</i> , 2011, 84, .	4.7	9
20	Evaluating backreaction with the ellipsoidal collapse model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 008-008.	5.4	8
21	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
22	Mass classification of dark matter perturbers of stellar tidal streams. <i>Physics of the Dark Universe</i> , 2022, 35, 100978.	4.9	4
23	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