

# Camille Bonvin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10890388/publications.pdf>

Version: 2024-02-01

36  
papers

3,192  
citations

257101

24  
h-index

329751

37  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2313  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the kinematic cosmic dipole tension. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3895-3905.	1.6	21
2	On the importance of lensing for galaxy clustering in photometric and spectroscopic surveys. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 055.	1.9	25
3	Constraining the growth rate of structure with phase correlations. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1765-1790.	1.6	6
4	Cosmology with Phase 1 of the Square Kilometre Array Red Book 2018: Technical specifications and performance forecasts. Publications of the Astronomical Society of Australia, 2020, 37, .	1.3	195
5	New Estimator for Gravitational Lensing Using Galaxy and Intensity Mapping Surveys. Physical Review Letters, 2020, 124, 031101.	2.9	14
6	A null test to probe the scale dependence of the growth of structure as a test of general relativity. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 492, L34-L39.	1.2	12
7	Peculiar acceleration of stellar-origin black hole binaries: Measurement and biases with LISA. Physical Review D, 2020, 101, .	1.6	39
8	A null test of the equivalence principle using relativistic effects in galaxy surveys. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 004-004.	1.9	13
9	Probing redshift-space distortions with phase correlations. Physical Review D, 2019, 99, .	1.6	6
10	Full-sky weak lensing: a nonlinear post-Friedmann treatment. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 045-045.	1.9	8
11	Testing general relativity with the Doppler magnification effect. Monthly Notices of the Royal Astronomical Society, 2019, 488, 3759-3771.	1.6	8
12	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	8.2	602
13	Redshift-space distortions from vector perturbations. II. Anisotropic signal. Physical Review D, 2018, 98, .	1.6	6
14	COFFE: a code for the full-sky relativistic galaxy correlation function. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 032-032.	1.9	23
15	Cosmological constraints from Fourier phase statistics. Monthly Notices of the Royal Astronomical Society, 2018, 479, 2743-2753.	1.6	8
16	Testing the equivalence principle on cosmological scales. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 061-061.	1.9	43
17	Measurement of the dipole in the cross-correlation function of galaxies. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 032-032.	1.9	56
18	Effect of matter structure on the gravitational waveform. Physical Review D, 2017, 95, .	1.6	53

#	ARTICLE	IF	CITATIONS
19	Measuring cosmic velocities with 21-cm intensity mapping and galaxy redshift survey cross-correlation dipoles. <i>Physical Review D</i> , 2017, 95, .	1.6	34
20	Dipolar modulation in the size of galaxies: the effect of Doppler magnification. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3936-3951.	1.6	26
21	Optimising the measurement of relativistic distortions in large-scale structure. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 021-021.	1.9	42
22	THREE-POINT PHASE CORRELATIONS: A NEW MEASURE OF NONLINEAR LARGE-SCALE STRUCTURE. <i>Astrophysical Journal</i> , 2015, 804, 132.	1.6	21
23	Isolating relativistic effects in large-scale structure. <i>Classical and Quantum Gravity</i> , 2014, 31, 234002.	1.5	49
24	Asymmetric galaxy correlation functions. <i>Physical Review D</i> , 2014, 89, .	1.6	81
25	Can Primordial Magnetic Fields be the Origin of the BICEP2 Data?. <i>Physical Review Letters</i> , 2014, 112, 191303.	2.9	44
26	Testing general relativity with 21-cm intensity mapping. <i>Physical Review D</i> , 2013, 87, .	1.6	133
27	Cosmology and Fundamental Physics with the Euclid Satellite. <i>Living Reviews in Relativity</i> , 2013, 16, 6.	8.2	683
28	Magnetic fields from inflation: The CMB temperature anisotropies. <i>Physical Review D</i> , 2013, 88, .	1.6	31
29	Cosmic shear bispectrum from second-order perturbations in general relativity. <i>Physical Review D</i> , 2012, 86, .	1.6	40
30	Magnetic fields from inflation: The transition to the radiation era. <i>Physical Review D</i> , 2012, 86, .	1.6	31
31	What galaxy surveys really measure. <i>Physical Review D</i> , 2011, 84, .	1.6	351
32	CMB temperature anisotropy at large scales induced by a causal primordial magnetic field. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 022-022.	1.9	26
33	Full-sky lensing shear at second order. <i>Physical Review D</i> , 2010, 81, .	1.6	74
34	Effect of peculiar motion in weak lensing. <i>Physical Review D</i> , 2008, 78, .	1.6	58
35	Fluctuations of the luminosity distance. <i>Physical Review D</i> , 2006, 73, .	1.6	154
36	Dipole of the Luminosity Distance: A Direct Measure of $H(z)$ . <i>Physical Review Letters</i> , 2006, 96, 191302.	2.9	100