

# Ariel G SÃ¡nchez

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

13,338  
citations

147801

31  
h-index

265206

42  
g-index

42  
all docs

42  
docs citations

42  
times ranked

8139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmological implications of the full shape of anisotropic clustering measurements in BOSS and eBOSS. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5657-5670.	4.4	26
2	<scp>medusa</scp>: Minkowski functionals estimated from Delaunay tessellations of the three-dimensional large-scale structure. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3771-3784.	4.4	5
3	KiDS-1000 Cosmology: Multi-probe weak gravitational lensing and spectroscopic galaxy clustering constraints. Astronomy and Astrophysics, 2021, 646, A140.	5.1	393
4	Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Cosmological implications from two decades of spectroscopic surveys at the Apache Point Observatory. Physical Review D, 2021, 103, .	4.7	527
5	KiDS-1000 Cosmology: Constraints beyond flat $\Lambda$ CDM. Astronomy and Astrophysics, 2021, 649, A88.	5.1	80
6	Testing one-loop galaxy bias: Joint analysis of power spectrum and bispectrum. Physical Review D, 2021, 103, .	4.7	41
7	Redshift-space distortions with split densities. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5731-5752.	4.4	23
8	Improved two-point correlation function estimates using glass-like distributions as a reference sample. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4667-4675.	4.4	4
9	Correcting correlation functions for redshift-dependent interloper contamination. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3187-3206.	4.4	15
10	Testing one-loop galaxy bias: Cosmological constraints from the power spectrum. Physical Review D, 2021, 104, .	4.7	13
11	Redshift-space effects in voids and their impact on cosmological tests â€” II. The void-galaxy cross-correlation function. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1871-1884.	4.4	11
12	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: BAO and RSD measurements from anisotropic clustering analysis of the quasar sample in configuration space between redshift 0.8 and 2.2. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1201-1221.	4.4	141
13	Testing one-loop galaxy bias: Power spectrum. Physical Review D, 2020, 102, .	4.7	32
14	Arguments against using $\langle \delta^2 \rangle$ units in observational cosmology. Physical Review D, 2020, 102, .	4.7	10
15	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. Astrophysical Journal, Supplement Series, 2020, 249, 3.	7.7	826
16	Cosmology from large-scale structure. Astronomy and Astrophysics, 2020, 633, L10.	5.1	98
17	Redshift-space effects in voids and their impact on cosmological tests. Part I: the void size function. Monthly Notices of the Royal Astronomical Society, 2020, 500, 911-925.	4.4	17
18	Comparing approximate methods for mock catalogues and covariance matrices â€” I. Correlation function. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1786-1806.	4.4	63

#	ARTICLE	IF	CITATIONS
19	Large-scale redshift space distortions in modified gravity theories. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2194-2213.	4.4	25
20	Non-fiducial cosmological test from geometrical and dynamical distortions around voids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5761-5772.	4.4	19
21	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: anisotropic clustering analysis in configuration space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2521-2534.	4.4	61
22	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: measurement of the growth rate of structure from the anisotropic correlation function between redshift 0.8 and 2.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1639-1663.	4.4	109
23	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: constraining modified gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2122-2131.	4.4	44
24	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological analysis of the DR12 galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2617-2652.	4.4	1,906
25	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Cosmological implications of the configuration-space clustering wedges. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1640-1658.	4.4	143
26	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: anisotropic galaxy clustering in Fourier space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2242-2260.	4.4	248
27	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: observational systematics and baryon acoustic oscillations in the correlation function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1168-1191.	4.4	183
28	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: mock galaxy catalogues for the BOSS Final Data Release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4156-4173.	4.4	213
29	Validating estimates of the growth rate of structure with modified gravity simulations. <i>Physical Review D</i> , 2016, 94, .	4.7	49
30	SDSS-III Baryon Oscillation Spectroscopic Survey Data Release 12: galaxy target selection and large-scale structure catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 1553-1573.	4.4	335
31	Gaussian covariance matrices for anisotropic galaxy clustering measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1577-1592.	4.4	96
32	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 12.	7.7	1,877
33	The clustering of Galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: including covariance matrix errors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 2531-2541.	4.4	189
34	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: testing gravity with redshift space distortions using the power spectrum multipoles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1065-1089.	4.4	248
35	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measuring growth rate and geometry with anisotropic clustering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3504-3519.	4.4	238
36	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological implications of the full shape of the clustering wedges in the data release 10 and 11 galaxy samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2692-2713.	4.4	137

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37	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: baryon acoustic oscillations in the Data Releases 10 and 11 Galaxy samples. Monthly Notices of the Royal Astronomical Society, 2014, 441, 24-62.	4.4	1,168
38	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: a large sample of mock galaxy catalogues. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1036-1054.	4.4	261
39	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological constraints from the full shape of the clustering wedges. Monthly Notices of the Royal Astronomical Society, 2013, 433, 1202-1222.	4.4	93
40	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. Astronomical Journal, 2013, 145, 10.	4.7	1,571
41	Improving measurements of $H(z)$ and $D_A(z)$ by analysing clustering anisotropies. Monthly Notices of the Royal Astronomical Society, 2012, 419, 3223-3243.	4.4	80
42	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. Astronomical Journal, 2011, 142, 72.	4.7	1,700