

Ariel G SÃ¡nchez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7754865/publications.pdf>

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	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological analysis of the DR12 galaxy sample. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2617-2652.	4.4	1,906
2	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	7.7	1,877
3	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
4	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. Astronomical Journal, 2013, 145, 10.	4.7	1,571
5	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
6	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
7	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
8	KiDS-1000 Cosmology: Multi-probe weak gravitational lensing and spectroscopic galaxy clustering constraints. Astronomy and Astrophysics, 2021, 646, A140.	5.1	393
9	SDSS-III Baryon Oscillation Spectroscopic Survey Data Release 12: galaxy target selection and large-scale structure catalogues. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1553-1573.	4.4	335
10	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
11	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: testing gravity with redshift space distortions using the power spectrum multipoles. Monthly Notices of the Royal Astronomical Society, 2014, 443, 1065-1089.	4.4	248
12	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: anisotropic galaxy clustering in Fourier space. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2242-2260.	4.4	248
13	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measuring growth rate and geometry with anisotropic clustering. Monthly Notices of the Royal Astronomical Society, 2014, 439, 3504-3519.	4.4	238
14	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: mock galaxy catalogues for the BOSS Final Data Release. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4156-4173.	4.4	213
15	The clustering of Galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: including covariance matrix errors. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2531-2541.	4.4	189
16	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: observational systematics and baryon acoustic oscillations in the correlation function. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1168-1191.	4.4	183
17	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Cosmological implications of the configuration-space clustering wedges. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1640-1658.	4.4	143
18	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

#	ARTICLE	IF	CITATIONS
19	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. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2692-2713.	4.4	137
20	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. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1639-1663.	4.4	109
21	Cosmology from large-scale structure. Astronomy and Astrophysics, 2020, 633, L10.	5.1	98
22	Gaussian covariance matrices for anisotropic galaxy clustering measurements. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1577-1592.	4.4	96
23	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
24	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
25	KiDS-1000 Cosmology: Constraints beyond flat Λ CDM. Astronomy and Astrophysics, 2021, 649, A88.	5.1	80
26	Comparing approximate methods for mock catalogues and covariance matrices I. Correlation function. Monthly Notices of the Royal Astronomical Society, 2019, 482, 1786-1806.	4.4	63
27	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: anisotropic clustering analysis in configuration space. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2521-2534.	4.4	61
28	Validating estimates of the growth rate of structure with modified gravity simulations. Physical Review D, 2016, 94, .	4.7	49
29	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: constraining modified gravity. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2122-2131.	4.4	44
30	Testing one-loop galaxy bias: Joint analysis of power spectrum and bispectrum. Physical Review D, 2021, 103, .	4.7	41
31	Testing one-loop galaxy bias: Power spectrum. Physical Review D, 2020, 102, .	4.7	32
32	Arguments against using h units in observational cosmology. Physical Review D, 2020, 102, .	4.7	10
33	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
34	Large-scale redshift space distortions in modified gravity theories. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2194-2213.	4.4	25
35	Redshift-space distortions with split densities. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5731-5752.	4.4	23
36	Non-fiducial cosmological test from geometrical and dynamical distortions around voids. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5761-5772.	4.4	19

#	ARTICLE	IF	CITATIONS
37	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
38	Correcting correlation functions for redshift-dependent interloper contamination. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3187-3206.	4.4	15
39	Testing one-loop galaxy bias: Cosmological constraints from the power spectrum. Physical Review D, 2021, 104, .	4.7	13
40	Redshift-space effects in voids and their impact on cosmological tests “ II. The void-galaxy cross-correlation function. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1871-1884.	4.4	11
41	<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
42	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