

Mariana Vargas-Magana

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,985
citations

236925

25
h-index

501196

28
g-index

31
all docs

31
docs citations

31
times ranked

3334
citing authors

#	ARTICLE	IF	CITATIONS
1	Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Cosmological implications from two decades of spectroscopic surveys at the Apache Point Observatory. <i>Physical Review D</i> , 2021, 103, .	4.7	527
2	Towards testing the theory of gravity with DESI: summary statistics, model predictions and future simulation requirements. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 050.	5.4	41
3	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the BAO and growth rate of structure of the luminous red galaxy sample from the anisotropic power spectrum between redshifts 0.6 and 1.0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2492-2531.	4.4	137
4	Improving baryon acoustic oscillation measurement with the combination of cosmic voids and galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 4554-4572.	4.4	11
5	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.	7.7	299
6	First constraint on the neutrino-induced phase shift in the spectrum of baryon acoustic oscillations. <i>Nature Physics</i> , 2019, 15, 465-469.	16.7	37
7	Constraining the baryon-dark matter relative velocity with the large-scale three-point correlation function of the SDSS BOSS DR12 CMASS galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 2109-2115.	4.4	26
8	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: theoretical systematics and Baryon Acoustic Oscillations in the galaxy correlation function. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1153-1188.	4.4	60
9	The SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations at Redshift of 0.72 with the DR14 Luminous Red Galaxy Sample. <i>Astrophysical Journal</i> , 2018, 863, 110.	4.5	125
10	The large-scale three-point correlation function of the SDSS BOSS DR12 CMASS galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1070-1083.	4.4	72
11	Exploring cosmic homogeneity with the BOSS DR12 galaxy sample. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 019-019.	5.4	42
12	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: baryon acoustic oscillations in the Fourier space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3409-3430.	4.4	174
13	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: towards a computationally efficient analysis without informative priors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4116-4133.	4.4	16
14	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: single-probe measurements from DR12 galaxy clustering towards an accurate model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2370-2390.	4.4	39
15	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: tomographic BAO analysis of DR12 combined sample in configuration space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3762-3774.	4.4	122
16	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
17	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
18	Detection of baryon acoustic oscillation features in the large-scale three-point correlation function of SDSS BOSS DR12 CMASS galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1738-1751.	4.4	96

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19	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
20	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: combining correlated Gaussian posterior distributions. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1493-1501.	4.4	35
21	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
22	Evidence for the kinematic Sunyaev-Zelâ€™dovich effect with the Atacama Cosmology Telescope and velocity reconstruction from the Baryon Oscillation Spectroscopic Survey. Physical Review D, 2016, 93, .	4.7	90
23	Signatures of the Primordial Universe from Its Emptiness: Measurement of Baryon Acoustic Oscillations from Minima of the Density Field. Physical Review Letters, 2016, 116, 171301.	7.8	56
24	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
25	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: baryon acoustic oscillations in the correlation function of LOWZ and CMASS galaxies in Data Release 12. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1770-1785.	4.4	138
26	THE SDSS-IV EXTENDED BARYON OSCILLATION SPECTROSCOPIC SURVEY: OVERVIEW AND EARLY DATA. Astronomical Journal, 2016, 151, 44.	4.7	582
27	Testing general relativity with growth rate measurement from Sloan Digital Sky Survey â€™ III. Baryon Oscillations Spectroscopic Survey galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1754-1767.	4.4	38
28	The clustering of Galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: potential systematics in fitting of baryon acoustic feature. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2-28.	4.4	22
29	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Cosmological implications of the Fourier space wedges of the final sample. Monthly Notices of the Royal Astronomical Society, 0, , stw3384.	4.4	58
30	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Effect of smoothing of density field on reconstruction and anisotropic BAO analysis.. Monthly Notices of the Royal Astronomical Society, 0, , stx048.	4.4	7
31	The Clustering of Galaxies in the Completed SDSS-III Baryon Oscillation Spectroscopic Survey: Cosmic Flows and Cosmic Web from Luminous Red Galaxies. Monthly Notices of the Royal Astronomical Society, 0, , stx178.	4.4	13