

# Lado Samushia

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

15,556  
citations

61857

43  
h-index

88477

70  
g-index

72  
all docs

72  
docs citations

72  
times ranked

8341  
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.	1.6	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.	3.0	1,877
3	THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III. Astronomical Journal, 2013, 145, 10.	1.9	1,571
4	The clustering of the SDSS DR7 main Galaxy sample $\hat{\epsilon}$ I. A 4% distance measure at $z=0.15$ . Monthly Notices of the Royal Astronomical Society, 2015, 449, 835-847.	1.6	1,232
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.	1.6	1,168
6	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astrophysical Journal, Supplement Series, 2012, 203, 21.	3.0	1,158
7	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: baryon acoustic oscillations in the Data Release 9 spectroscopic galaxy sample. Monthly Notices of the Royal Astronomical Society, 2012, 427, 3435-3467.	1.6	738
8	Cosmological implications of baryon acoustic oscillation measurements. Physical Review D, 2015, 92, .	1.6	487
9	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measurements of the growth of structure and expansion rate at $z=0.57$ from anisotropic clustering. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2719-2737.	1.6	336
10	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.	1.6	335
11	Interpreting large-scale redshift-space distortion measurements. Monthly Notices of the Royal Astronomical Society, 2012, 420, 2102-2119.	1.6	327
12	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.	1.6	261
13	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.	1.6	248
14	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.	1.6	238
15	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: analysis of potential systematics. Monthly Notices of the Royal Astronomical Society, 2012, 424, 564-590.	1.6	223
16	The clustering of the SDSS main galaxy sample $\hat{\epsilon}$ II. Mock galaxy catalogues and a measurement of the growth of structure from redshift space distortions at $z=0.15$ . Monthly Notices of the Royal Astronomical Society, 2015, 449, 848-866.	1.6	195
17	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.	1.6	189
18	The clustering of galaxies in the SDSS-III DR9 Baryon Oscillation Spectroscopic Survey: testing deviations from $\Lambda$ and general relativity using anisotropic clustering of galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 429, 1514-1528.	1.6	185

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19	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measuring DA and H at $z \approx 0.57$ from the baryon acoustic peak in the Data Release 9 spectroscopic Galaxy sample. Monthly Notices of the Royal Astronomical Society, 2014, 439, 83-101.	1.6	169
20	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: modelling the clustering and halo occupation distribution of BOSS CMASS galaxies in the Final Data Release. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1173-1187.	1.6	150
21	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.	1.6	143
22	Cosmological Constraints from Hubble Parameter versus Redshift Data. Astrophysical Journal, 2006, 650, L5-L8.	1.6	139
23	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.	1.6	137
24	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: RSD measurement from the LOS-dependent power spectrum of DR12 BOSS galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4188-4209.	1.6	130
25	The clustering of galaxies in the SDSS-III DR9 Baryon Oscillation Spectroscopic Survey: constraints on primordial non-Gaussianity. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1116-1127.	1.6	117
26	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: signs of neutrino mass in current cosmological data sets. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3501-3516.	1.6	100
27	The clustering of galaxies at $z \approx 0.5$ in the SDSS-III Data Release 9 BOSS-CMASS sample: a test for the $\Lambda$ CDM cosmology. Monthly Notices of the Royal Astronomical Society, 2013, 432, 743-760.	1.6	97
28	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: galaxy clustering measurements in the low-redshift sample of Data Release 11. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2222-2237.	1.6	93
29	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measuring structure growth using passive galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 424, 2339-2344.	1.6	91
30	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: single-probe measurements from CMASS anisotropic galaxy clustering. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3781-3793.	1.6	88
31	Fables of reconstruction: controlling bias in the dark energy equation of state. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 048-048.	1.9	77
32	THE CLUSTERING OF GALAXIES IN THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY: LUMINOSITY AND COLOR DEPENDENCE AND REDSHIFT EVOLUTION. Astrophysical Journal, 2013, 767, 122.	1.6	77
33	Designing a space-based galaxy redshift survey to probe dark energy. Monthly Notices of the Royal Astronomical Society, 2010, 409, 737-749.	1.6	75
34	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: weighing the neutrino mass using the galaxy power spectrum of the CMASS sample. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2038-2053.	1.6	68
35	CONSTRAINING DARK ENERGY WITH GAMMA-RAY BURSTS. Astrophysical Journal, 2010, 714, 1347-1354.	1.6	58
36	The power spectrum and bispectrum of SDSS DR11 BOSS galaxies – II. Cosmological interpretation. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1914-1921.	1.6	58

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37	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.	1.6	58
38	The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: mock galaxy catalogues for the low-redshift sample. Monthly Notices of the Royal Astronomical Society, 2015, 447, 437-445.	1.6	57
39	A Detection of the Baryon Acoustic Oscillation features in the SDSS BOSS DR12 Galaxy Bispectrum. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4500-4512.	1.6	56
40	Simulating redshift-space distortions for galaxy pairs with wide angular separation. Monthly Notices of the Royal Astronomical Society, 2010, 409, 1525-1533.	1.6	54
41	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: tomographic BAO analysis of DR12 combined sample in Fourier space. Monthly Notices of the Royal Astronomical Society, 2017, 466, 762-779.	1.6	54
42	Tests of redshift-space distortions models in configuration space for the analysis of the BOSS final data release. Monthly Notices of the Royal Astronomical Society, 2015, 447, 234-245.	1.6	53
43	The clustering of galaxies in the SDSS-III DR10 Baryon Oscillation Spectroscopic Survey: no detectable colour dependence of distance scale or growth rate measurements. Monthly Notices of the Royal Astronomical Society, 2014, 437, 1109-1126.	1.6	50
44	Constraints on Dark Energy from Galaxy Cluster Gas Mass Fraction versus Redshift Data. Astrophysical Journal, 2008, 680, L1-L4.	1.6	45
45	Testing gravity using large-scale redshift-space distortions. Monthly Notices of the Royal Astronomical Society, 2013, 436, 89-100.	1.6	41
46	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: single-probe measurements from DR12 galaxy clustering "towards an accurate model. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2370-2390.	1.6	39
47	The High Latitude Spectroscopic Survey on the Nancy Grace Roman Space Telescope. Astrophysical Journal, 2022, 928, 1.	1.6	38
48	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: angular clustering tomography and its cosmological implications. Monthly Notices of the Royal Astronomical Society, 2017, 468, 2938-2956.	1.6	37
49	Probing deviations from general relativity with the Euclid spectroscopic survey. Monthly Notices of the Royal Astronomical Society, 2012, 424, 1392-1408.	1.6	35
50	Information Content of the Angular Multipoles of Redshift-Space Galaxy Bispectrum. Monthly Notices of the Royal Astronomical Society, 0, , stx135.	1.6	34
51	The progenitors of present-day massive red galaxies up to $z \approx 0.7$ - finding passive galaxies using SDSS-I/II and SDSS-III. Monthly Notices of the Royal Astronomical Society, 2012, 424, 136-156.	1.6	32
52	Constraints on dark energy from the lookback time versus redshift test. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 509-514.	1.5	31
53	Estimating the power spectrum covariance matrix with fewer mock samples. Monthly Notices of the Royal Astronomical Society, 2016, 457, 993-999.	1.6	26
54	Inflation and accelerated expansion tensor-vector-scalar cosmological solutions. Physical Review D, 2006, 73, .	1.6	21

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55	Mitigating the impact of the DESI fiber assignment on galaxy clustering. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 001-001.	1.9	21
56	A map-based method for eliminating systematic modes from galaxy clustering power spectra with application to BOSS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 453-470.	1.6	21
57	Will multiple probes of dark energy find modified gravity?. <i>Physical Review D</i> , 2010, 82, .	1.6	20
58	Redshift-space distortions. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 5058-5067.	1.6	19
59	Geometric biases in power-spectrum measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3704-3709.	1.6	18
60	Effects of cosmological model assumptions on galaxy redshift survey measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	17
61	Cosmological parameter inference from galaxy clustering: the effect of the posterior distribution of the power spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2573-2581.	1.6	17
62	Information content of higher order galaxy correlation functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 628-641.	1.6	17
63	Growth rate in the dynamical dark energy models. <i>European Physical Journal C</i> , 2014, 74, 3127.	1.4	16
64	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.	1.6	16
65	CONSTRAINTS ON DARK ENERGY FROM BARYON ACOUSTIC PEAK AND GALAXY CLUSTER GAS MASS MEASUREMENTS. <i>Astrophysical Journal</i> , 2009, 703, 1904-1910.	1.6	13
66	FORECASTING COSMOLOGICAL PARAMETER CONSTRAINTS FROM NEAR-FUTURE SPACE-BASED GALAXY SURVEYS. <i>Astrophysical Journal</i> , 2012, 760, 19.	1.6	12
67	CONSTRAINTS ON DARK ENERGY MODELS FROM RADIAL BARYON ACOUSTIC SCALE MEASUREMENTS. <i>Astrophysical Journal</i> , 2009, 701, 1373-1380.	1.6	11
68	Optimal weights for measuring redshift space distortions in multitracer galaxy catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2708-2715.	1.6	10
69	Unbiased contaminant removal for 3D galaxy power spectrum measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 467-476.	1.6	10
70	The observational constraints on the flat $\Lambda$ CDM models. <i>European Physical Journal C</i> , 2018, 78, 773.	1.4	8
71	Computing three-point correlation function randoms counts without the randoms catalogue. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 486, L105-L109.	1.2	7