

Seshadri Nadathur

List of Publications by Year in descending order

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48
papers

4,346
citations

172457

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223800

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48
docs citations

48
times ranked

3539
citing authors

#	ARTICLE	IF	CITATIONS
1	Dark Energy Survey Year 3 results: Cosmological constraints from galaxy clustering and weak lensing. <i>Physical Review D</i> , 2022, 105, .	4.7	398
2	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 35.	7.7	405
3	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: growth rate of structure measurement from cosmic voids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 186-203.	4.4	21
4	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
5	Dark Energy Survey Year 3 results: Curved-sky weak lensing mass map reconstruction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 4626-4645.	4.4	42
6	Cosmology beyond BAO from the 3D distribution of the Lyman- α forest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5439-5450.	4.4	16
7	DES Y1 results: Splitting growth and geometry to test Λ CDM. <i>Physical Review D</i> , 2021, 103, .	4.7	16
8	The DES view of the Eridanus supervoid and the CMB cold spot. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 216-229.	4.4	14
9	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 correlation function between redshifts 0.6 and 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 736-762.	4.4	154
10	The completed SDSS-IV extended baryon oscillation spectroscopic survey: geometry and growth from the anisotropic void galaxy correlation function in the luminous red galaxy sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 4140-4157.	4.4	39
11	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
12	Testing Low-Redshift Cosmic Acceleration with Large-Scale Structure. <i>Physical Review Letters</i> , 2020, 124, 221301.	7.8	31
13	Constraints on the growth of structure around cosmic voids in eBOSS DR14. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 012-012.	5.4	29
14	The Gravitational Lensing Signatures of BOSS Voids in the Cosmic Microwave Background. <i>Astrophysical Journal</i> , 2020, 890, 168.	4.5	21
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. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	7.7	826
16	Constraints on decaying dark matter from weak lensing and cluster counts. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 015-015.	5.4	15
17	Dark Energy Survey Year 1 results: the lensing imprint of cosmic voids on the cosmic microwave background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 464-480.	4.4	19
18	The completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: large-scale structure catalogues and measurement of the isotropic BAO between redshift 0.6 and 1.1 for the Emission Line Galaxy Sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3254-3274.	4.4	62

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19	Environmental dependence of X-ray and optical properties of galaxy clusters. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1953-1963.	4.4	3
20	Beyond BAO: Improving cosmological constraints from BOSS data with measurement of the void-galaxy cross-correlation. Physical Review D, 2019, 100, .	4.7	69
21	An accurate linear model for redshift space distortions in the void galaxy correlation function. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3472-3487.	4.4	31
22	More out of less: an excess integrated Sachs-Wolfe signal from supervoids mapped out by the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 484, 5267-5277.	4.4	42
23	A Zeldovich reconstruction method for measuring redshift space distortions using cosmic voids. Monthly Notices of the Royal Astronomical Society, 2019, 482, 2459-2470.	4.4	23
24	Cosmic voids and void lensing in the Dark Energy Survey Science Verification data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 746-759.	4.4	86
25	Tracing the gravitational potential using cosmic voids. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4067-4079.	4.4	22
26	Imprint of DES superstructures on the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4166-4179.	4.4	36
27	Beyond Λ CDM: Problems, solutions, and the road ahead. Physics of the Dark Universe, 2016, 12, 56-99.	4.9	361
28	A DETECTION OF THE INTEGRATED SACHS-WOLFE IMPRINT OF COSMIC SUPERSTRUCTURES USING A MATCHED-FILTER APPROACH. Astrophysical Journal Letters, 2016, 830, L19.	8.3	50
29	Testing cosmology with a catalogue of voids in the BOSS galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2016, 461, 358-370.	4.4	38
30	The nature of voids II. Tracing underdensities with biased galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 454, 889-901.	4.4	37
31	The nature of voids I. Watershed void finders and their connection with theoretical models. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2228-2241.	4.4	46
32	Decaying dark matter and the tension in H_0 . Journal of Cosmology and Astroparticle Physics, 2015, 2015, 067-067.	5.4	81
33	Self-similarity and universality of void density profiles in simulation and SDSS data. Monthly Notices of the Royal Astronomical Society, 2015, 449, 3997-4009.	4.4	33
34	Universal void density profiles from simulation and SDSS. Proceedings of the International Astronomical Union, 2014, 11, 542-545.	0.0	6
35	The ISW imprints of voids and superclusters on the CMB. Proceedings of the International Astronomical Union, 2014, 11, 580-584.	0.0	0
36	The Jubilee ISW project I. Simulated ISW and weak lensing maps and initial power spectra results. Monthly Notices of the Royal Astronomical Society, 2014, 438, 412-425.	4.4	28

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37	The Jubilee ISW Project - II. Observed and simulated imprints of voids and superclusters on the cosmic microwave background. Monthly Notices of the Royal Astronomical Society, 2014, 446, 1321-1334.	4.4	36
38	A robust public catalogue of voids and superclusters in the SDSS Data Release 7 galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1248-1262.	4.4	62
39	Can a supervoid explain the cold spot?. Physical Review D, 2014, 90, .	4.7	46
40	Seeing patterns in noise: gigaparsec-scale Λ CDM structures that do not violate homogeneity. Monthly Notices of the Royal Astronomical Society, 2013, 434, 398-406.	4.4	45
41	The stacked ISW signal of rare superstructures in Λ CDM. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 013-013.	5.4	52
42	Observable gravitational waves from inflation with small field excursions. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 008-008.	5.4	77
43	The integrated Sachs-Wolfe imprint of cosmic superstructures: a problem for Λ CDM. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 042-042.	5.4	60
44	Curvaton Scenario within the Minimal Supersymmetric Standard Model and Predictions for Non-Gaussianity. Physical Review Letters, 2012, 108, 111302.	7.8	11
45	Inflation with large supergravity corrections. Physical Review D, 2012, 85, .	4.7	15
46	Inflection point inflation: WMAP constraints and a solution to the fine tuning problem. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 002-002.	5.4	34
47	Reconciling the local void with the CMB. Physical Review D, 2011, 83, .	4.7	53
48	The Completed SDSS-IV extended Baryon Oscillation Spectroscopic Survey: measurement of the BAO and growth rate of structure of the emission line galaxy sample from the anisotropic power spectrum between redshift 0.6 and 1.1. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	91