

# Jose Alberto Vazquez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5937291/publications.pdf>

Version: 2024-02-01

46  
papers

8,622  
citations

279798

23  
h-index

233421

45  
g-index

46  
all docs

46  
docs citations

46  
times ranked

8011  
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	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	4.7	1,100
4	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. Astrophysical Journal, Supplement Series, 2018, 235, 42.	7.7	796
5	Cosmological implications of baryon acoustic oscillation measurements. Physical Review D, 2015, 92, .	4.7	487
6	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. Astrophysical Journal, Supplement Series, 2017, 233, 25.	7.7	406
7	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. Journal of High Energy Astrophysics, 2022, 34, 49-211.	6.7	350
8	Dynamical dark energy in light of the latest observations. Nature Astronomy, 2017, 1, 627-632.	10.1	332
9	Measurement of baryon acoustic oscillation correlations at $z \approx 2.3$ with SDSS DR12 Ly $\alpha$ -Forests. Astronomy and Astrophysics, 2017, 603, A12.	5.1	291
10	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: baryon acoustic oscillations in the Fourier space. Monthly Notices of the Royal Astronomical Society, 2017, 464, 3409-3430.	4.4	174
11	Galaxy galaxy lensing estimators and their covariance properties. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3827-3844.	4.4	82
12	$\Omega_m$ as dark matter. Monthly Notices of the Royal Astronomical Society, 2009, 393, 1359-1369.	4.4	78
13	Graduated dark energy: Observational hints of a spontaneous sign switch in the cosmological constant. Physical Review D, 2020, 101, .	4.7	73
14	Dynamics of scalar field dark matter with a cosh-like potential. Physical Review D, 2009, 80, .	4.7	51
15	Model selection applied to reconstruction of the Primordial Power Spectrum. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 006-006.	5.4	51
16	Large-scale clustering of Lyman $\alpha$ emission intensity from SDSS/BOSS. Monthly Notices of the Royal Astronomical Society, 2016, 457, 3541-3572.	4.4	50
17	Reconstruction of the dark energy equation of state. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 020-020.	5.4	43
18	Relaxing cosmological tensions with a sign switching cosmological constant. Physical Review D, 2021, 104, .	4.7	42

#	ARTICLE	IF	CITATIONS
19	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.	4.4	39
20	Screening $\Lambda$ in a new modified gravity model. European Physical Journal C, 2019, 79, 1.	3.9	39
21	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
22	Constraining the dark energy equation of state using Bayes theorem and the Kullback-Leibler divergence. Monthly Notices of the Royal Astronomical Society, 2017, 466, 369-377.	4.4	32
23	Reconstructing the Universe: Testing the Mutual Consistency of the Pantheon and SDSS/eBOSS BAO Data Sets with Gaussian Processes. Astronomical Journal, 2021, 161, 151.	4.7	24
24	Core-halo mass relation in scalar field dark matter models and its consequences for the formation of supermassive black holes. Physical Review D, 2021, 103, .	4.7	23
25	Simple-graduated dark energy and spatial curvature. Physical Review D, 2021, 104, .	4.7	22
26	Scalar field dark matter spectator during inflation: the effect of self-interaction. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 056-056.	5.4	21
27	Bayesian model selection on scalar $\mu$ -field dark energy. Physical Review D, 2021, 103, .	4.7	19
28	A Bayesian study of the primordial power spectrum from a novel closed universe model. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1948-1956.	4.4	18
29	Fourier-series expansion of the dark-energy equation of state. Monthly Notices of the Royal Astronomical Society, 2019, 487, 729-736.	4.4	18
30	Cosmological Parameter Inference with Bayesian Statistics. Universe, 2021, 7, 213.	2.5	18
31	The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: towards a computationally efficient analysis without informative priors. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4116-4133.	4.4	16
32	Anisotropic massive Brans-Dicke gravity extension of the standard $\Lambda$ CDM model. European Physical Journal C, 2020, 80, 1.	3.9	15
33	Hybrid Natural Inflation. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
34	A divergence-free parametrization for dynamical dark energy. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 049-049.	5.4	13
35	Observational constraints on conformal time symmetry, missing matter and double dark energy. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 062-062.	5.4	12
36	Constraints on the tensor-to-scalar ratio for non-power-law models. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 001-001.	5.4	10

#	ARTICLE	IF	CITATIONS
37	Constraining hybrid natural inflation with recent CMB data. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 039-039.	5.4	9
38	Observational Cosmology with Artificial Neural Networks. Universe, 2022, 8, 120.	2.5	8
39	AN ALTERNATIVE INTERPRETATION FOR THE MODULI FIELDS OF THE COSMOLOGY ASSOCIATED TO TYPE IIB SUPERGRAVITY WITH FLUXES. International Journal of Modern Physics A, 2008, 23, 1949-1962.	1.5	7
40	Neural network within a Bayesian inference framework. Journal of Physics: Conference Series, 2021, 1723, 012022.	0.4	6
41	Dark matter with n-body numerical simulations. Revista Mexicana De Fisica E, 2020, 17, 241-254.	0.1	5
42	Simple supergravity model of inflation constrained with Planck 2018 data. Physical Review D, 2020, 101, .	4.7	4
43	Classification algorithms applied to structure formation simulations. Astronomy and Computing, 2022, 38, 100527.	1.7	4
44	Addendum: Constraining hybrid natural inflation with recent CMB data. Journal of Cosmology and Astroparticle Physics, 2015, 2015, A01-A01.	5.4	1
45	The inverse problem of a dynamical system solved with genetic algorithms. Journal of Physics: Conference Series, 2021, 1723, 012021.	0.4	1
46	Alternative interpretation for the moduli fields of string theories. Journal of Physics: Conference Series, 2007, 91, 012014.	0.4	0