

Mikhail M Ivanov

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,584
citations

236833

25
h-index

454834

30
g-index

30
all docs

30
docs citations

30
times ranked

1514
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. <i>Journal of High Energy Astrophysics</i> , 2022, 34, 49-211.	2.4	350
2	The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: first measurement of baryon acoustic oscillations between redshift 0.8 and 2.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4773-4794.	1.6	301
3	Cosmological parameters from the BOSS galaxy power spectrum. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 042-042.	1.9	242
4	Cosmology intertwined III: $\int_0^z \frac{dz'}{H(z')}$ and $\int_0^z \frac{dz'}{H(z')} S_8$. <i>Astroparticle Physics</i> , 2021, 131, 102604.	1.9	182
5	Combining full-shape and BAO analyses of galaxy power spectra: a 1.6% CMB-independent constraint on H_0 . <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 032-032.	1.9	154
6	Constraining early dark energy with large-scale structure. <i>Physical Review D</i> , 2020, 102, .	1.6	143
7	Time-sliced perturbation theory II: baryon acoustic oscillations and infrared resummation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 028-028.	1.9	116
8	BOSS DR12 full-shape cosmology: $\int_0^z \frac{dz'}{H(z')}$ constraints from the large-scale galaxy power spectrum and bispectrum monopole. <i>Physical Review D</i> , 2022, 105, .	1.6	108
9	Cosmological parameters and neutrino masses from the final $\int_0^z \frac{dz'}{H(z')}$ and full-shape BOSS data. <i>Physical Review D</i> , 2020, 101, .	1.6	96
10	Measuring neutrino masses with large-scale structure: Euclid forecast with controlled theoretical error. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 034-034.	1.9	87
11	Nonlinear perturbation theory extension of the Boltzmann code CLASS. <i>Physical Review D</i> , 2020, 102, .	1.6	86
12	Blinded challenge for precision cosmology with large-scale structure: Results from effective field theory for the redshift-space galaxy power spectrum. <i>Physical Review D</i> , 2020, 102, .	1.6	86
13	Infrared resummation for biased tracers in redshift space. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 053-053.	1.9	70
14	Time-sliced perturbation theory for large scale structure I: general formalism. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 052-052.	1.9	61
15	On the vanishing of Love numbers for Kerr black holes. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	58
16	Cosmological constraints from BOSS with analytic covariance matrices. <i>Physical Review D</i> , 2020, 102, .	1.6	46
17	Constraints on the curvature of the Universe and dynamical dark energy from the full-shape and BAO data. <i>Physical Review D</i> , 2021, 103, .	1.6	46
18	$\int_0^z \frac{dz'}{H(z')}$ tension or $\int_0^z \frac{dz'}{H(z')} T_8$ tension?. <i>Physical Review D</i> , 2020, 102, .	1.6	44

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19	Constraints on Single-Field Inflation from the BOSS Galaxy Survey. <i>Physical Review Letters</i> , 2022, 129, .	2.9	38
20	Cosmological constraints from the power spectrum of eBOSS emission line galaxies. <i>Physical Review D</i> , 2021, 104, .	1.6	35
21	Precision analysis of the redshift-space galaxy bispectrum. <i>Physical Review D</i> , 2022, 105, .	1.6	35
22	Hidden Symmetry of Vanishing Love Numbers. <i>Physical Review Letters</i> , 2021, 127, 101101.	2.9	34
23	Fewer mocks and less noise: Reducing the dimensionality of cosmological observables with subspace projections. <i>Physical Review D</i> , 2021, 103, .	1.6	28
24	Optimizing large-scale structure data analysis with the theoretical error likelihood. <i>Physical Review D</i> , 2021, 103, .	1.6	26
25	Modeling galaxies in redshift space at the field level. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 059.	1.9	26
26	Time-sliced perturbation theory with primordial non-Gaussianity and effects of large bulk flows on inflationary oscillating features. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 037-037.	1.9	25
27	Non-perturbative probability distribution function for cosmological counts in cells. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 009-009.	1.9	23
28	Cosmological constraints without nonlinear redshift-space distortions. <i>Physical Review D</i> , 2022, 105, .	1.6	22
29	No chiral light bending by clumps of axion-like particles. <i>Physics of the Dark Universe</i> , 2020, 27, 100428.	1.8	13
30	Dynamical picture for the exotic XYZ states. <i>EPJ Web of Conferences</i> , 2018, 192, 00042.	0.1	3