
Nhat-Minh Nguyen — Publications

24 publications • 4,447 citations • h-index 17

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- [Future of Artificial Intelligence for Science in Japan 2024 Community Report](#)
Nhat-Minh Nguyen et al. · [arXiv:2608.27807](#) · 2026 · 0 citations
- [How I stop worrying about non-universality and \$b_\varphi\$: Constraining local \$f_{\text{NL}}\$ with \$b_\varphi\$ priors from HOD posteriors](#)
Nhat-Minh Nguyen et al. · [arXiv:2607.01314](#) · 2026 · 0 citations
- [Physics Is All You Need? A Case Study in Physicist-Supervised AI Development of Scientific Software](#)
Nhat-Minh Nguyen · [arXiv:2605.30353](#) · 2026 · 0 citations
- [Multi-tracers, multi-surveys: a joint Fisher analysis of DESI+PFS](#)
Nhat-Minh Nguyen · [arXiv:2604.25171](#) · 2026 · 0 citations
- [Galaxy sizes as complementary \(zero-\)bias tracers of local primordial non-Gaussianity](#)
Nhat-Minh Nguyen et al. · [arXiv:2603.20196](#) · 2026 · 1 citation
- [Reconstructing the local density field with combined convolutional and point cloud architecture](#)
Nhat-Minh Nguyen et al. · [arXiv:2510.08573](#) · 2025 · 0 citations
- [Late-time growth weakly affects the significance of high-redshift massive galaxies](#)
Nhat-Minh Nguyen et al. · [arXiv:2503.00155](#) · 2025 · 1 citation
- [DESI 2024 V: Full-Shape galaxy clustering from galaxies and quasars](#)
Nhat-Minh Nguyen et al. · [arXiv:2411.12021](#) · 2024 · 216 citations
- [DESI 2024 II: sample definitions, characteristics, and two-point clustering statistics](#)
Nhat-Minh Nguyen et al. · [arXiv:2411.12020](#) · 2024 · 146 citations
- [DESI 2024 VII: cosmological constraints from the full-shape modeling of clustering measurements](#)
Nhat-Minh Nguyen et al. · [arXiv:2411.12022](#) · 2024 · 402 citations
- [A Parameter-Masked Mock Data Challenge for Beyond-Two-Point Galaxy Clustering Statistics](#)
Nhat-Minh Nguyen et al. · [arXiv:2405.02252](#) · 2024 · 74 citations
- [DESI 2024 III: baryon acoustic oscillations from galaxies and quasars](#)
Nhat-Minh Nguyen et al. · [arXiv:2404.03000](#) · 2024 · 575 citations
- [DESI 2024 VI: cosmological constraints from the measurements of baryon acoustic oscillations](#)
Nhat-Minh Nguyen et al. · [arXiv:2404.03002](#) · 2024 · 2,081 citations
- [DESI 2024 IV: Baryon Acoustic Oscillations from the Lyman alpha forest](#)
Nhat-Minh Nguyen et al. · [arXiv:2404.03001](#) · 2024 · 415 citations
- [How Much Information Can Be Extracted from Galaxy Clustering at the Field Level?](#)
Nhat-Minh Nguyen et al. · [arXiv:2403.03220](#) · 2024 · 98 citations [Buchalter Cosmology Prize 2024](#)
- [Exploring the growth index \$\gamma_L\$: Insights from different CMB dataset combinations and approaches](#)
Nhat-Minh Nguyen et al. · [arXiv:2305.16865](#) · 2023 · 22 citations
- [Sweeping Horndeski canvas: new growth-rate parameterization for modified-gravity theories](#)
Nhat-Minh Nguyen et al. · [arXiv:2304.07281](#) · 2023 · 22 citations
- [Evidence for Suppression of Structure Growth in the Concordance Cosmological Model](#)
Nhat-Minh Nguyen et al. · [arXiv:2302.01331](#) · 2023 · 104 citations [Editors' Suggestion](#)
- [Consistency tests of field level inference with the EFT likelihood](#)
Nhat-Minh Nguyen et al. · [arXiv:2212.07875](#) · 2022 · 44 citations
- [Field-level inference of galaxy intrinsic alignment from the SDSS-III BOSS survey](#)
Nhat-Minh Nguyen et al. · [arXiv:2112.04484](#) · 2021 · 26 citations
- [Impacts of the physical data model on the forward inference of initial conditions from biased tracers](#)
Nhat-Minh Nguyen et al. · [arXiv:2011.06587](#) · 2020 · 41 citations
- [Taking measurements of the kinematic Sunyaev-Zel'dovich effect forward: including uncertainties from velocity reconstruction with forward modeling](#)
Nhat-Minh Nguyen et al. · [arXiv:2007.13721](#) · 2020 · 26 citations
- [Cosmology inference from a biased density field using the EFT-based likelihood](#)
Nhat-Minh Nguyen et al. · [arXiv:1906.07143](#) · 2019 · 58 citations
- [A rigorous EFT-based forward model for large-scale structure](#)
Nhat-Minh Nguyen et al. · [arXiv:1808.02002](#) · 2018 · 95 citations