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Education

2018–2023 Ph. D. degree, Jilin University, Changchun, P. R. China,

department	College of Physics
specialization	Theoretical physics
field of study	The large-scale structure of the Universe
supervisor	Prof. Ping He
thesis	Applications of the continuous wavelet analysis to the large-scale structure of the Universe

2013–2017 Bachelor degree, Northeast Normal University, Changchun, P. R. China

department	School of Physics
thesis	Primordial Gravitational Waves: theory and progress of detection


Work Experience

since 07/2023 Jilin University, Changchun, P. R. China

Postdoctoral fellow supported by the “Dingxin Scholar” Program of Jilin University

Publications

- [1] Yun Wang and Ping He. “The continuous wavelet derived by smoothing function and its application in cosmology”. In: *Commun. Theor. Phys.* 73.9 (Aug. 2021), p. 095402.
- [2] Hua-Yu Yang et al. “The spatial distribution deviation and the power suppression of baryons from dark matter”. In: *MNRAS* 509.1 (Oct. 2021), pp. 1036–1047.
- [3] Yun Wang, Hua-Yu Yang, and Ping He. “Continuous Wavelet Analysis of Matter Clustering Using the Gaussian-derived Wavelet”. In: *ApJ* 934.1 (July 2022), p. 77.
- [4] Yun Wang and Ping He. “Simultaneous Dependence of Matter Clustering on Scale and Environment”. In: *ApJ* 934.2 (July 2022), p. 112.
- [5] Yun Wang and Ping He. “Comparisons between fast algorithms for the continuous wavelet transform and applications in cosmology: the 1D case”. In: *RAS Techniques and Instruments* 2.1 (June 2023), pp. 307–323.
- [6] Yun Wang and Ping He. “How do baryonic effects on the cosmic matter distribution vary with scale and local density environment?” In: *MNRAS* 528.2 (Feb. 2024), pp. 3797–3808.

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