

# Yi-Jiao Zhang

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EDUCATION Visiting scholar, Indiana University  
Ph.D., Theoretical Physics, Lanzhou University (China)  
B.S., Theoretical Physics, Lanzhou University (China)

Sept. 2019 —  
Sept. 2015 —  
June 2015

## AWARDS

- China National Scholarship for graduate students 2019
- China Scholarship Council award 2019

## PUBLICATIONS **Journal Articles**

- J1. **Zhang, Y.-J.**, Yang, K.-C. & Radicchi, F. Model-free hidden geometry of complex networks. *Phys. Rev. E* **103**, 012305 (Jan. 2021).
- J2. **Zhang, Y.-J.**, Wu, Z.-X., Holme, P. & Yang, K.-C. Advantage of Being Multicomponent and Spatial: Multipartite Viruses Colonize Structured Populations with Lower Thresholds. *Phys. Rev. Lett.* **123**, 138101 (Editors' Suggestion, Sept. 2019).

## Working papers

- P1. **Zhang, Y.-J.**, Yang, K.-C. & Radicchi, F. Systematic comparison of graph embedding methods in practical tasks. *arXiv:2106.10198* (June 2021).

## PRESENTATIONS **Talks**

- Systematic comparison of graph embedding methods in practical tasks.  
*Networks, USA (virtual)* July 2021
- Advantage of Being Multicomponent and Spatial: Multipartite Viruses Colonize Structured Populations with Lower Thresholds.  
*National Statistical Physics & Complex Systems Conference (SPCSC), Hefei, China* July 2019

## Posters

- Model-free hidden geometry of complex networks.  
*NetSci, Rome, Italy (virtual)* Sept. 2020
- SLIR Model for the Spread of Multicomponent Viruses in Complex Networks.  
*NetSci-X, Hangzhou, China* Jan. 2018

Last updated: July 12, 2021