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

September 2019 —
September 2015 —
June 2015

AWARDS

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

PUBLICATIONS **Journal Articles**

- J1. **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. *Physical Reviews Letters* **123**. (Editors' Suggestion), 138101 (2019).

Working papers

- P1. **Zhang, Y.-J.**, Yang, K.-C. & Radicchi, F. Model-free hidden geometry of complex networks. *arXiv preprint arXiv:2011.08103* (2020).

PRESENTATIONS **Talks**

- Advantage of Being Multicomponent and Spatial: Multipartite Viruses Colonize Structured Populations with Lower Thresholds.
National Statistical Physics & Complex Systems Conference (SPCSC), Hefei, China Jul. 2019

Posters

- Model-free hidden geometry of complex networks.
International Conference on Network Science (NetSci), Rome, Italy (virtual) Sep. 2020
- SLIR Model for the Spread of Multicomponent Viruses in Complex Networks.
International Conference on Network Science X (NetSci-X), Hangzhou, China Jan. 2018

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