

Linzhuo Li

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ACADEMIC APPOINTMENTS

2020-present Assistant Professor of Sociology, Zhejiang University, China

RESEARCH INTERESTS & RESEARCH AREAS

Novelty, Innovation, Disruption in Knowledge and Economy as complex systems, with a special interest in their relations to social hierarchy.

Sociology of Knowledge, Economic Sociology, Science of Science, Computational Social Science.

EDUCATION

2014–2020	Dept. of Sociology, University of Chicago	Ph.D.
2011–2014	Dept. of Sociology, Tsinghua University	M.A. in Sociology
2007–2011	Experimental Class of Social Science, Tsinghua University	B.A. in Sociology

PEER REVIEWED PUBLICATIONS

Lin, Y., **Linzhuo, L.**, & Wu, L. (2025). Team Size and Its Negative Impact on the Disruption Index. *Journal of Informetrics*, 19(3).
<https://doi.org/10.1016/j.joi.2025.101678>

Linzhuo, L., Nannan, Z. (2024) Schumpeter's Legacy: Tracing the Origins of Disruptive and Combinatorial Innovation in Innovation Research (熊彼特的遗产—创新研究中颠覆式和组合式创新的思想溯源) *sociological studies (社会学研究)*, Vol.234 No.6 , pp.154-175

Linzhuo, L., Nannan, Z. (2023) Explicit and tacit knowledge have diverging urban growth patterns. *npj Urban Sustainability*, 3(1), 34.

Linzhuo, L., Nannan, Z. (2023) Understanding urban concentration of complex manufacturing activities in China. *Plos One*, 18(3), e0278469.
<https://doi.org/10.1371/journal.pone.0278469>

Linzhuo, L., Lingfei, W., & James, E. (2020). Social centralization and semantic collapse: Hyperbolic embeddings of networks and text. *Poetics*, 101428.

Linzhuo, L. (2015). “Status projection”—a study of the foundation of independent directors among China’s listed companies. *The Journal of Chinese Sociology*, 2(1), 13.

Linzhuo, L. (2013). The Documentary Politics of Local Government: a Case Study of County Government, *sociological studies*(*社会学研究*), Vol.28 No.4 (July, 2013), pp.101-128

CONFERENCE PUBLICATIONS

Dai L., Huilian Q., **Linzhuo L.*** (2025, June). *Algorithmic Polarization in Social Opinions of Large Language Models*. Paper presented at the French Regional Conference on Complex Systems (FRCCS 2025), Dijon, France.

- **Abstract published in:** *FRCCS 2025 Book of Abstracts*. Zenodo.
<https://doi.org/10.5281/zenodo.15477607>

WORKING PAPERS

Linzhuo, L. (2025). Architectural Vulnerability and Reliability Challenges in AI Text Annotation: A Survey-Inspired Framework with Independent Probability Assessment. arXiv preprint <https://doi.org/10.48550/arXiv.2502.19679>

Linzhuo, L., Lin, Y., & Wu, L. (2025). Is Science Inevitable?. arXiv preprint arXiv:2502.06190.

Lin, Y., **Linzhuo, L.**, & Wu, L. (2025). Team Size and Its Negative Impact on the Disruption Index. arXiv preprint arXiv:2502.00219.

MANUSCRIPTS FOR SUBMISSION

Local Liquidity and Backloaded Insitution of Uncertainty.

Ideological Transformation and the Rhetorical Creation of the Market in China’s People’s Daily, 1946 – 2003 (co-first author with Shilin Jia)

OTHER PUBLICATIONS IN CHINESE

July. 2013 Symbolic Power at the crossroad—a social experiment, pp.309-317 in “*Urban sociology: investigation of urban social life in Beijing*”, edited by Li, Qiang and Wang, Hao; Social Science Academic Press (China)

Jan. 2013 Dilemma and Action--the collision between new generation of migrant workers and stratification system, *Tsinghua Sociological Review*, Vol.6. (Jan 2013), pp.46-131, Social Science Academic Press (China). (Co-authored)

CONFERENCE, WORKSHOPS, INVITED TALKS

Oct, 2024, Can Large Language Models be good coders for social science? Social Science Methodology Workshop, Remin University, Beijing

Jul, 2024, Can Generative AI Generate Breakthrough Ideas? ICSSI 2024

Feb, 2024, Creative Clustering Effect: Spatial Patterns of Cultural Content Production,

Nov, 2023, “LLM can help quantify language progression and predict impact of scientific work”, AI for social science conference, Renmin University, Beijing

Nov, 2022, “Combinatorial Innovation: theory and applications”, Fudan University

Jun, 2022, “When Big Data Meets Sociological Imagination”, the Digital Society research cluster online symposium, Hong Kong

Jul, 2019. “Market of hot-styles: the temporal structure of production under uncertainty.” Chinese Political Sociology Workshop.

Sep, 2017. “Soft-budget latitude: the bail-out of Rural Credit Cooperatives in China”. IAS Market, Politics and Society Conference.

Aug, 2017. "Politics beyond Ocean: the ideological turn in China's knowledge sharing media". (refereed roundtables) ASA Section on Communication, Information Technologies, and Media Sociology.

Jul, 2017. “New wine in old bottles: ideological transformation and rhetorical creation of market in China's People's Daily: 1946-2003”. (Market and Finance Panel) 3rd International Conference of Computational Social Science.

Apr, 2017. “New wine in old bottles: ideological transformation and rhetorical creation of market in China's People's Daily: 1946-2003”. East Asia Workshop: Politics, Economy and Society.

RESEARCH FUNDS

2022	Fundamental Research Funds for the Central Universities. RMB 20,000
2021	Research Grants for Junior Scholars, Zhejiang University. RMB 200,000

AWARDS

2017 RCC Mind Bytes Judges' Choice Award in annual symposium and exposition, The University of Chicago Research Computing Center.

TEACHING

Graduate and Undergraduate Courses

2022- Computational Content Analysis, Department of Sociology, Zhejiang University, China

Undergraduate Courses

2021- Social Statistics, Department of Sociology, Zhejiang University, China

FELLOWSHIPS

2019-2020 Dissertation Completion Fellowship, Social Science Division, University of Chicago
2014-2019 Graduate Student Fellowship, Social Science Division, University of Chicago
2019 Conference Travel Grant, University of Chicago Beijing Center
2017 Conference Travel Grant, Zhejiang University
2011 COSL Scholarship, Tsinghua University
2010 “Zhengge Geru” Scholarship, Tsinghua University
2009 “Huang Yicong Kangli” Scholarship, Tsinghua University
2008 Freshman Scholarship, Tsinghua University

OTHER EXPERIENCE

Coordinator

East-Asia Workshop 2019-2020, University of Chicago

Teaching Assistant

Spring 2018 BUSN 39002. Strategic Leadership. University of Chicago Booth School of Business
Spring 2018 SOCI 40172. Maverick Markets: Cultural Economy and Cultural Finance. University of Chicago
Winter 2018 SOCI 40133. **Computational Content Analysis** University of Chicago
Winter 2018 SOCI 30005. Statistical methods of research (1) University of Chicago
Winter 2017 SOCI 30005. Statistical methods of research (1) University of Chicago
Spring 2017 SOCI 30005. Statistical methods of research (2) University of Chicago
Fall 2013 Economic Sociology, Tsinghua University
Fall 2013 Sociology of Labor, Tsinghua University
Fall 2012 The History of Sociological Thought (2), Tsinghua University
Fall 2012 Economic Sociology, Tsinghua University

Research Assistant

2018 University of Chicago Knowledge Lab, Dr. James Allen Evans
2012-2013 The Survey of Indemnificatory Housing in Beijing, Tsinghua University, Dr. Jun Jin
2011-2012 The Survey of foreign immigrants, Tsinghua University, Dr. Jun Jin
2011-2012 The Survey of New Generation of Migrant Workers in China. Tsinghua University, Dr. Yuan Shen; Dr. Jun Jin;

2010 The Survey of Homeowners' Rights Protection Movement in Beijing. Dr.
Yuan Shen et, al.

Journal Reviewer

2017- *American Journal of Sociology*

2016- *Sociological Studies (Chinese)*

SKILLS

Programming

Python 12 years

Java 8 years

R 8 years