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## Linzhuo Li

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Personal Website: <https://linzhuolisoc.github.io/>

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### ACADEMIC APPOINTMENTS

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

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### RESEARCH INTERESTS & RESEARCH AREAS

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

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

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### 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

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### PEER REVIEWED PUBLICATIONS

Yiling, L., **Linzhuo, L.\***, & Lingfei, W. (2026). The Disruption Index Measures Displacement Between a Paper and Its Most-Cited Reference. *Quantitative Science Studies*, Advance Publication. <https://doi.org/10.1162/QSS.a.409> (Co-first author)

Yiling, L., **Linzhuo, L.**, & Lingfei, W. (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>

Nannan, Z., & **Linzhuo, L.\*** (2025). Explaining disparities in paper impact across similar-level journals: An analysis of sociology publications. *Journal of Scientometric Research*, 14(2), 479–492. <https://doi.org/10.5530/jscires.20251824>

**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

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#### 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>

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#### 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>

Lin, Y., **Linzhuo, L.**, & Wu, L. (2025). The disruption index measures displacement between a paper and its most cited reference. arXiv preprint arXiv:2504.04677.

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#### 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)

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#### 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)

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#### 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) 3<sup>rd</sup> 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.

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#### RESEARCH FUNDS

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

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#### AWARDS

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

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## 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

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## 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

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## 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)*

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### **SKILLS**

#### **Programming**

**Python** 12 years

**Java** 8 years

**R** 8 years