

# Congcong Wang

**Phone: (+86)15234064356 | Mail: wangcc@emails.bjut.edu.cn**

## **EDUCATION**

- **Beijing University of Technology *September,2020 - Now***

**Phd Management Science and Engineering** *Advised by Prof. Shuo Xu*

- **Shanxi University of Finance and Economics *September,2016 - June,2020***

**Bachelor Management GPA:3.74/4.0 Rank:1/59**

## **RESEARCH INTERESTS**

- Emerging / Disruptive Technology Identification (Technology Foresight)
- Relationship between Science and Technology
- Citation Preferences

## **LANGUAGE**

- **English:** (CET-6)
- **Chinese: Native proficiency**

## **PUBLICATIONS**

- Shuo Xu, **Congcong Wang**, Xin An. Review on scanning and prejudging weak signals of emerging technologies[J]. Journal of Intelligence, 2023, 42(03): 117-122. (Chinese core management science journals)

- Shuo Xu, **Congcong Wang**, Xin An, et al. A novel developmental trajectory discovery approach by integrating main path analysis and intermediacy [J]. Journal of Information Science, 2022: 01655515221101835.
- Shuo Xu, Ling Li, **Congcong Wang**, et al. An Improved Author-Topic (AT) Model with Authorship Credit Allocation Schemes. Journal of Information Science. 2022: 01655515221133530.
- Shuo Xu, Zhang Mengmeng, Liu Liyuan, **Wang Congcong**, et al. Selection of papers on the origins of COVID-19 and entity annotation based on full texts. Journal of Agricultural Library and Information Science. 2023, 35(01): 87-98. (Chinese science and technology core journals)
- Shuo Xu, **Congcong Wang**, Dongsheng Zhai. Information processing method, apparatus, electronic device and storage media. Application No. 2022103989138. Date of authorization: 2023-11-10.

## WORKING PAPERS

- Shuo Xu, **Congcong Wang**. Knowledge inheritance trajectories and how to discover them. (In progress)
- Shuo Xu, **Congcong Wang**. OpenCitations and Dimensions serve as an alternative of Web of Science for calculating disruption indicators?. (In progress)
- Shuo Xu, **Congcong Wang**. Exploratory research on micro-entity diffusion patterns based on full texts — A case study of coronavirus field. (2023 Under review) (Chinese core management science journals)
- Shuo Xu, **Congcong Wang**, Jinghong Li. Document identification methods, apparatus, electronic devices and storage media. (In filing)

## RESEARCH EXPERIENCE

1. Research and Development Project on Emerging Technologies and Technology Maturity Evaluation Tools

Foundation: Southern Power Grid Research Institute Ltd. March 2023 - June 2024 Participant

- Proposing projects and developing project timelines.

- Supervising project progress and managing tasks of laboratory staff.
- Designing and refining methods for evaluating emerging technologies.
- Leading the compilation and production of research findings.

## 2. Research on Scanning and Prejudging Approach on Weak Signals of Emerging Technologies

Foundation: National Natural Science Foundation January 2020 – December 2024 Participant

- Analyzing and organizing the development of weak signals in emerging technologies.
- Compiling existing research and identifying future directions in the field.
- Taking responsibility for finalizing a portion of the research findings, with a focus on the linkage between science and technology.

## **CONFERENCE PRESENTATION**

- 10th Global TechMining Conference on ‘Big Data’ Driven Tech Mining and ST&I Management
- 4<sup>th</sup>/6<sup>th</sup> Conference on Scientometrics Evaluation Second Prize for Outstanding Paper

## **SKILLS**

- Programming: Python
- Modelling: Network analysis; Machine learning
- Management: Class Cadres Experience

## **OTHER EXPERIENCE**

- Contributors to the Scientometrics Handbook
- Emerging Technology; Main Path Analysis

- Research Competition Experience
  - 12th National Market Research and Analysis Competition National Third Prize
  - Huawei Cup 18th China Postgraduate Mathematical Modelling Competition National Second Prize
- Government Cooperation Projects
  - COVID-19 Data Quality Control and Data Source Management Data collection

### **AWARDS**

- Outstanding Graduate Volunteer, BJUT June 2023
- The First and Second Scholarship of Scientific and Technological Innovation Award, BJUT June 2023
- The Second Scholarship of Graduate Studies Excellence Award, BJUT Dec 2021
- Recommends examination-free postgraduate students, SXUFE Sep 2020
- Outstanding Graduates, SXUFE Sep 2020
- National Scholarship Now 2018
- Outstanding Volunteer of Shanxi Province May 2017