

## Curriculum vitae of XIANWEN WANG

WISE Lab  
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### Education

- 2003 B.S. Process Equipment & Control Engineering. Shaanxi University of Science and Technology, Xi'an, China
- 2007 M.S. Management Science and Engineering. Dalian University of Technology, Dalian, China
- 2009 Ph.D. Science of Science and S&T Management. Dalian University of Technology, Dalian, China
- 2008-09 Visiting scholar, Management Information Systems. The University of Arizona, Tucson, Arizona 85721

### Scholarships and Honors

- 2017 Chang Jiang Scholars Award (Young scholars), Ministry of Education of China

### Professional Positions

- 2009-11 Postdoctoral Fellow, Department of Philosophy, Dalian University of Technology, China
- 2009-13 Lecturer, Institute of Science of Science and S&T Management, Dalian University of Technology, China
- 2013-16 Associate Professor, Institute of Science of Science and S&T Management, Dalian University of Technology, China
- 2016- Professor, Institute of Science of Science and S&T Management, Dalian University of Technology, China

### Professional Activities

#### Editorial Boards

- 2016- Associate Editor, Frontiers in Research Metrics and Analytics

#### Conference Program Committee Member

## Curriculum vitae 06-19-2018

- 2012 Session Chair, 8th International Conference on Webometrics, Informetrics and Scientometrics (WIS) & 13th COLLNET Meeting, Seoul, South Korea
- 2013 Program committee member, ISSI 2013: 14<sup>th</sup> Conference of the International Society for Scientometrics and Informetrics, Vienna, Austria.
- 2015 Scientific program committee member, ISSI 2015: 15<sup>th</sup> Conference of the International Society for Scientometrics and Informetrics, Istanbul, Turkey.
- 2015 Program committee member, BigScholar 2015, The Second WWW Workshop on Big Scholarly Data: Towards the Web of Scholars, Florence, Italy.
- 2016 Program committee member, BigScholar 2016, The third WWW Workshop on Big Scholarly Data: Towards the Web of Scholars, Montreal, Canada.
- 2017 International program committee member, ISSI 2017: The 16th Conference of the International Society for Scientometrics and Informetrics, Wuhan, China.

### Professional Offices

- 2016-05 Member, Scientometrics Committee, Chinese Association for Science of Science and S&T Policy
- 2018-06 Member, Knowledge Organizing Committee, China Society for Scientific and Technical Information

### Current Grant Support

- 1/17-12/20 NSFC (71673038): The Diffusion of Scientific Papers from The Perspectives of Geographic, Cyber and Their Reciprocal Influence. ¥490,000 direct costs.
- 5/18-4/21 Grant of Chang Jiang Scholars Award. ¥1,200,000 total costs.

### Previous Grant Support

- 1/14-31/16 NSFC (61301227): Detecting and Tracing Emerging Research Trends Real-time From Web-based Information, ¥240,000 total costs.
- 6/10-12/14 NSSFC (10CZX011): Knowledge Mapping and Logic Structure of Scientific Discovery, ¥100,000 total costs.
- 6/11-12/12 GQB (GQBZ2011018) Key Project of Overseas Chinese Affairs Office of The State Council of China, ¥100,000 total costs.

### Teaching Experience at Dalian University of Technology

- 2010-11 (BS course) Introduction to Sustainable Development.
- 2010-11 (MS course) Introduction to Scientific Research.
- 2010-11 (MS course) Spatial Econometrics.
- 2011-12 (BS course) Introduction to Sustainable Development.
- 2011-12 (MS course) Regional Development Strategy and Planning.
- 2011-12 (Ph.D. course) Frontier Issues in S&T Management.
- 2011-12 (MS course) Introduction to Scientific Research.
- 2011-12 (MS course) Spatial Econometrics.
- 2012-13 (BS course) Sociology of Science.

## Curriculum vitae 06-19-2018

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|---------------------|-----------------------------------|
| 2012-13 (MS course) | Academic Writing and Norm.        |
| 2012-13 (MS course) | Principles of Science of Science. |
| 2012-13 (MS course) | Spatial Econometrics.             |
| 2013-14 (BS course) | Sociology of Science              |
| 2013-14 (MS course) | Academic Writing and Norm.        |
| 2013-14 (MS course) | Spatial Econometrics.             |
| 2013-14 (MS course) | Principles of Science of Science. |
| 2014-15 (BS course) | Sociology.                        |
| 2014-15 (MS course) | Spatial Econometrics.             |
| 2015-16 (BS course) | Sociology.                        |
| 2015-16 (MS course) | Spatial Econometrics.             |
| 2016-17 (BS course) | Sociology.                        |
| 2016-17 (MS course) | Spatial Econometrics.             |
| 2018-18 (BS course) | Sociology.                        |
| 2017-18 (MS course) | Spatial Econometrics.             |

## Graduate Students trained and their current positions

- [1] Shenmeng Xu. MS. 6/13. Research on Geographic Pattern of China's C2C E-commerce. Currently, Ph.D. student at School of Information and Library Science, The University of North Carolina at Chapel Hill, USA.
- [2] Zhichao Fang. MS. 6/17. Research on Identifying Scientometrics Hot Topics with Multiple Data. Will be a Ph.D. student Sep. 2017 at CWTS, Leiden, The Netherlands.
- [3] Xi Zhang. MS. 6/11. Study on Enterprise Technologies of Fortune 500 Companies Based on Patent Co-citation Network. Currently, working at China Construction Bank.
- [4] Di Liu. MS. 6/13. Research on Scientific Funding to SCI Papers: Comparative Analysis of Ten Countries. Currently, working at Dalian Entry-Exit Inspection and Quarantine Bureau.

## Professional Societies

International Society for Scientometrics and Informetrics  
Chinese Association for Science of Science and S&T Policy  
China Society for Scientific and Technical Information

## Invited Lectures

- 2018 Invited speaker, School of Public Policy & Management, Tsinghua University, Beijing, China
- 2018 Invited speaker, Institutes of Science and Development, Chinese Academy of Sciences, Beijing, China
- 2017 Invited speaker, School of Management and Economics, Beijing Institute of Technology, Beijing, China
- 2017 Invited speaker, School of Information Management, Nanjing University, Nanjing, China
- 2017 Invited speaker, School of Economics and Management, Nanjing University of Science and Technology, Nanjing, China

## Curriculum vitae 06-19-2018

- 2017 Invited speaker, College of Public Administration, Nanjing Agricultural University, Nanjing, China
- 2016 Invited speaker, School of Government, Beijing Normal University, Beijing, China
- 2016 Invited speaker, University Town Library of Shenzhen, Shenzhen, China
- 2016 Invited speaker, Chang'an University, Xi'an, China
- 2015 Invited speaker, Chengdu Library and Information Center, Chinese Academy of Sciences, Chengdu, China
- 2015 Invited speaker, Fujian Agriculture and Forestry University, Fuzhou, China
- 2014 Invited speaker, School of International Relations & Public Affairs, Fudan University, Shanghai, China

## Publications

### Refereed journal articles

1. **Wang, X.\***, Cui, Y., Xu, S. & Hu, Z. (2018). The state and evolution of Gold Open Access: A country and discipline level analysis, *Aslib Journal of Information Management*, forthcoming.
2. **Wang, X.\***, Cui, Y., Xu, S. (2018). Evaluating the impact of Web-scale discovery services on scholarly content seeking, *The Journal of Academic Librarianship*, forthcoming.
3. Fang, Z., Guo, X., Yang, Y., Yang, Z., Li, Q., Hu, Z. & **Wang, X.\*** (2017). Measuring global research activities using geographic data of scholarly article visits, *The Electronic Library*, 35(4), 822-838. doi: 10.1108/EL-10-2016-0228
4. Wang, L.\* **Wang, X.**, & Philipsen N. (2017). Network structure of scientific collaborations between China and the EU member states. *Scientometrics*, 113(2), 765-781.
5. Wang, L.\* & **Wang, X.** (2017). Who sets up the bridge? Tracking scientific collaborations between China and the European Union. *Research Evaluation*, 26 (2): 124-131.
6. Liu, B., Zhang, L.\*, & **Wang, X.\*** (2017). Scientometric profile of global rice research during 1985–2014. *Current Science*, 112 (5), 1003-1011.
7. **Wang, X.\***, Fang, Z., Li, Q., & Guo, X. (2016). The poor altmetric performance of publications authored by researchers in mainland China. *Frontiers in Research Metrics and Analytics*, 1:8. doi: 10.3389/frma.2016.00008
8. **Wang, X.\***, Fang, Z., & Sun, X. (2016). Usage patterns of scholarly articles on Web of Science: a study on Web of Science usage count. *Scientometrics*, 109(2), 917-926.
9. **Wang, X.\***, Fang, Z., & Guo, X. (2016). Tracking the digital footprints to scholarly articles from social media. *Scientometrics*, 109(2), 1365-1376.
10. Wang, W., Kong, X., Zhang, J., Chen, Z., Xia, F., & **Wang, X.** (2016). Editorial behaviors in peer review. *SpringerPlus*, 5(1), 1-11.
11. **Wang, X.\***, Liu, C., Mao, W., & Fang, Z. (2015). The open access advantage considering citation, article usage and social media attention. *scientometrics*, 103(2), 555-564.
12. **Wang, X.\***, Liu, C., & Mao, W. (2015). Does a paper being featured on the cover of a journal guarantee more attention and greater impact?. *Scientometrics*, 102(2), 1815-1821.
13. **Wang, X.\***, Wang, Z., Mao, W., & Liu, C. (2014). How far does scientific community look back?. *Journal of Informetrics*, 8(3), 562-568.
14. Luan, C.\*, Hou, H., Wang, Y., & **Wang, X.** (2014). Are significant inventions more diversified?. *Scientometrics*, 100(2), 459-470.

15. **Wang, X.\***, Mao, W., Xu, S., & Zhang, C. (2014). Usage history of scientific literature: Nature metrics and metrics of Nature publications. *Scientometrics*, 98(3), 1923-1933.
16. Xu, S., **Wang, X.\***, Liu, Z., & Luan, C. (2013). Network structural analysis of technology: a study from patent perspective. *Journal of Science and Technology Policy in China*, 4(3), 214-235.
17. **Wang, X.\***, Peng, L., Zhang, C., Xu, S., Wang, Z., Wang, C., & Wang, X. (2013). Exploring scientists' working timetable: A global survey. *Journal of Informetrics*, 7(3), 665-675.
18. **Wang, X.\***, Wang, Z., & Xu, S. (2013). Tracing scientist's research trends realtimely. *Scientometrics*, 95(2), 717-729.
19. **Wang, X.\***, Mao, W., Wang, C., Peng, L., & Hou, H. (2013). Chinese elite brain drain to USA: an investigation of 100 United States national universities. *Scientometrics*, 97(1), 37-46.
20. **Wang, X.\***, Xu, S., Peng, L., Wang, Z., Wang, C., Zhang, C., & Wang, X. (2012). Exploring scientists' working timetable: Do scientists often work overtime?. *Journal of Informetrics*, 6(4), 655-660.
21. **Wang, X.\***, Xu, S., Wang, Z., Peng, L., & Wang, C. (2013). International scientific collaboration of China: Collaborating countries, institutions and individuals. *Scientometrics*, 95(3), 885-894.
22. Luan, C., Liu, Z., & **Wang, X.** (2013). Divergence and convergence: technology-relatedness evolution in solar energy industry. *Scientometrics*, 97(2), 461-475.
23. **Wang, X.\***, Xu, S., Liu, D., & Liang, Y. (2012). The role of Chinese–American scientists in China–US scientific collaboration: A study in nanotechnology. *Scientometrics*, 91(3), 737-749.
24. **Wang, X.\***, Liu, D., Ding, K., & Wang, X. (2011). Science funding and research output: a study on 10 countries. *Scientometrics*, 91(2), 591-599.
25. **Wang, X.\***, Zhang, X., & Xu, S. (2011). Patent co-citation networks of Fortune 500 companies. *Scientometrics*, 88(3), 761-770.

Refereed conference papers

1. Cui, Y., **Wang, X.\***, Xu, S., Hu, Z. & Zhang, C. (2018). Evaluating the influence of social media exposure of scholarly articles: Perspectives of social media engagement and click metrics, *STI 2018: 23rd International Conference on Science and Technology Indicators, Leiden, accepted as full paper.*
2. **Wang, X.\***, Cui, Y., Xu, S. & Hu, Z. (2018). The state and evolution of Gold Open Access: A country level analysis, *STI 2018: 23rd International Conference on Science and Technology Indicators, Leiden, accepted as full paper.*
3. Hu, Z., Tian, W., Xu, S., **Wang, X.\***, Li, J., & Zhang, C. (2018). Why ESI is unreliable in selecting highly cited papers? *STI 2018: 23rd International Conference on Science and Technology Indicators, Leiden, accepted as full paper.*
4. Wang, L., **Wang, X.**, & Piro, F. (2017). Collaboration and funding effect between China and European Union. *STI 2017: 22nd International Conference on Science and Technology Indicators, Paris, accepted as full paper.*

5. Wang, L., & **Wang, X.** (2016). Who sets up the bridge? Tracking scientific collaborations between China and the EU28. *Proceedings of STI 2016: 21st International Conference on Science and Technology Indicators* (pp. 178-186).
6. **Wang, X.**, Fang, Z., & Yang, Y. (2015). Continuous, Dynamic and Comprehensive Article-Level Evaluation of Scientific Literature. In A. A. Salah, Y. Tonta, A. A. A. Salah, C. Sugimoto & U. Al (Eds.), *Proceedings of ISSI 2015 Istanbul: 15th International Society of Scientometrics and Informetrics Conference* (pp. 448-459).
7. **Wang, X.**, Mao, W., Zhang, C., & Liu, Z. (2013). The diffusion of scientific literature in web. In S. Hinze & A. Lottmann (Eds.), *Proceedings of STI 2013: 18th International Conference on Science and Technology Indicators* (pp. 415-426).
8. Luan, C., **Wang, X.**, & Hou, H. (2013). Visualizing and Comparing the Development of Scientific Instrumentation VS Engineering Instrumentation. In J. Gorraiz, E. Schiebel, C. Gumpenberger, M. Horlesberger & H. Moed (Eds.), *Proceedings of ISSI 2013: 14th International Society of Scientometrics and Informetrics Conference* (pp. 1792-1805).
9. **Wang, X.**, Liu, D., Ding, K., & Wang, X. (2011). Impact of Funding on Research Output: An Empirical Study on 10 Countries. In E. Noyons, P. Ngulube & J. Leta (Eds.), *Proceedings of ISSI 2011: The 13th Conference of the International Society for Scientometrics and Informetrics*, Vols 1 and 2 (pp. 848-854).
10. Chen, Y., **Wang, X.**, Lin, D., & Liu, Z. (2011). A Phenomenon of Optimal Scale of Science Cooperation. In E. Noyons, P. Ngulube & J. Leta (Eds.), *Proceedings of ISSI 2011: The 13th Conference of the International Society for Scientometrics and Informetrics*, Vols 1 and 2 (pp. 949-951).