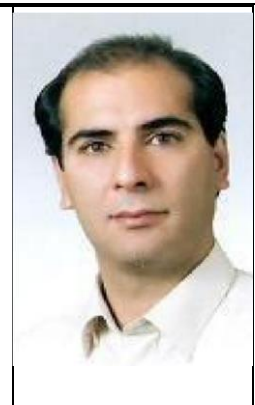# Dr. Kayvan Kousha CV

Head of Wolverhampton Research Evaluation Team
Researcher of webometrics, altmetrics and scientometrics at
Statistical Cybermetrics Research Group

See also my list of publication in Google Scholar

Contact information: Statistical Cybermetrics Research Group, School of Technology, University of Wolverhampton, Wulfruna Street, Wolverhampton WV1 1LY, UK E-mail: k. kousha [at] wlv .ac .uk Tel. +44 1902 321476

Academic Publications

Book Chapters

1. Kousha, K. & Thelwall, M. (2015). Web Impact Metrics for Research Assessment. In: B. Cronin & C.R. Sugimoto, (Eds), *Next Generation Metrics: Harnessing Multidimensional Indicators of Scholarly Performance*, MIT Press.

2. Thelwall, M., Kousha, K., Weller, K., & Puschmann, C. (2012). Assessing the impact of online academic videos. In: G. Widen Wulff & K. Holmberg, (Eds), *Social Information Research*, Bradford: Emerald Group Publishing Limited. (pp. 195-213).

English Refereed Journal Papers

1. Kousha, K. & Thelwall, M. (in press). Are Wikipedia citations important evidence of the impact of scholarly articles and books? *Journal of the Association for Information Science and Technology*.

2. Thelwall, M., & Kousha, K. (in press). ResearchGate articles: Age, discipline, audience size and impact. *Journal of the Association for Information Science and Technology.*

3. Thelwall, M., & Kousha, K. (2015). Web indicators for research evaluation, part 1: Citations and links to academic articles from the web. *El Profesional de la Información*, 24(5), 587-606. doi:10.3145/epi.2015.sep.08

4. Thelwall, M., & Kousha, K. (2015). Web indicators for research evaluation, part 2: Social media metrics. *El Profesional de la Información*, 24(5), 607-620. doi:10.3145/epi.2015.sep.09

5. Kousha, K. & Thelwall, M. (2015). Web indicators for research evaluation. Part 3: books and non-standard outputs, *El profesional de lainformación*, 24(6), 724-736. DOI: http://dx.doi.org/10.3145/epi.2015.nov.04

6. Li, X., Thelwall, M. & Kousha, K. (2015). The role of arXiv, RePEc, SSRN and PMC in formal scholarly communication, *Aslib Journal of Information Management*, 67(6).

7. Kousha, K. & Thelwall, M. (in press 2015). Patent Citation Analysis with Google. *Journal of the Association for Information Science and Technology.*

8. Kousha, K. & Thelwall, M. (2015). An Automatic Method for Assessing the Teaching Impact of Books from Online Academic Syllabi. *Journal of the Association for Information Science and Technology.* DOI: 10.1002/asi.23542

9. Mohammadi, E., Thelwall, M. & Kousha, K. (2015). Can Mendeley bookmarks reflect readership? A survey of user motivations. *Journal of the Association for Information Science and Technology.* DOI: 10.1002/asi.23477

10. Kousha, K. & Thelwall, M. (2015). Can Amazon.com reviews help to assess the wider impacts of books? *Journal of the Association for Information Science and Technology*. DOI: 10.1002/asi.23404

11. Kousha, K. & Thelwall, M. (2015). An automatic method for extracting citations from Google Books. *Journal of the American Society for Information Science and Technology*. 66(2), 309–320.

12. Mas Bleda, A., Thelwall, M., Kousha, K., & Aguillo, I. (2014). Do highly cited researchers successfully use the social web? *Scientometrics*, 70(1), 148-172.

13. Thelwall, M. & Kousha, K. (2014). ResearchGate: Disseminating, communicating and measuring scholarship? *Journal of the Association for Information Science and Technology*, 66 (5), 876–889.

14. Kousha, K. & Thelwall, M. (2014). Disseminating Research with Web CV Hyperlinks. *Journal of the American Society for Information Science and Technology*, 65(8), 1615–1626.

15. Thelwall, M. & Kousha, K. (2014). Academia.edu: Social network or academic network*? Journal of the American Society for Information Science and Technology*, 65(4): 721–731.

16. Mas Bleda, A., Thelwall, M., Kousha, K., & Aguillo, I. (2014). Successful researchers publicizing research online: An outlink analysis of European highly cited scientists' personal websites, *Journal of Documentation*, 70(1), 148-172.

17. Kousha, K., Thelwall. M & Abdoli, M. (2012). The role of online videos in research communication: A content analysis of YouTube videos cited in academic publications, *Journal of the American Society of Information Science and Technology*, 63(9), 1710–1727.

18. Kousha, K, Thelwall. M & Rezaie, S. (2011). Assessing the citation impact of books: The role of Google Books, Google Scholar and Scopus, *Journal of the American Society of Information Science and Technology*, 62(11), 2147-2164.

19. Kousha, K, Thelwall. M & Rezaie, S. (2010). Can the Impact of Scholarly Images Be Assessed? Exploratory Study Using Image Identification Search Technology, *Journal of the American Society of Information Science and Technology*, 61(9), 1734-1744.

20. Kousha, K, Thelwall. M. & Rezaie, S. (2010). Using the Web for Research Evaluation: The Integrated Online Impact Indicator, *Journal of Informetrics*, 4(1), 124-135.

21. Kousha, K. & Thelwall. M. (2009). Google Book Search: Citation Analysis for Social Science and the Humanities, *Journal of the American Society of Information Science and Technology*, 60(8), 1537-1549.

22. Kousha, K. & Thelwall. M. (2008). Assessing the Impact of Research on Teaching: An Automatic Analysis of Online Syllabuses in Science and Social Sciences, *Journal of the American Society of Information Science and Technology*, 59(13), 2060–2069.

23. Thelwall. M. & Kousha, K. (2008). Online Presentations as a Source of Scientific Impact?: An Analysis of PowerPoint Files Citing Academic Journals. *Journal of the American Society of Information Science and Technology*, 59(5), 805 – 815.

24. Kousha, K. & Thelwall. M. (2007). How is Science Cited on the Web? A Classification of Google Unique Web Citations, *Journal of the American Society of Information Science and Technology*, 58 (11), 1631-1644.

25. Kousha, K. & Thelwall. M. (2007). Google Scholar Citations and Google Web/URL Citations: A Multi-Discipline Exploratory Analysis. *Journal of the American Society of Information Science and Technology*, 58(7), 1055-1065.

26. Kousha, K. & Thelwall, M. (2007). Sources of Google Scholar citations outside the Science Citation Index: a comparison between four science disciplines, *Scientometrics*, 74(2), 273-294.

27. Kousha, K. & Thelwall. M. (2006). Motivations for URL citations to open access library and information science articles. *Scientometrics*, 68 (3), 50-517.

28. Kousha, K. & Thelwall. M. (2007). The Web Impact of Open Access Social Science Research, *Library and Information Science Research*, 29 (4), 495–507.

29. Kousha, K. (2009). Characteristics of Open Access Web Citation Networks: A Multidisciplinary Study, *Aslib Proceedings*, 61(4), 394-406.

30. Kousha, K. & Abdoli, M. (2010). The Citation Impact of Open Access Agricultural Research: A Comparison between OA and Non-OA Publications, *Online Information Review*, 34(5), 772-785.

31. Abdoli, M & Kousha, K. (2008). Web Citations vs. ISI/ Scopus Citations: Can Web be Better Indicator for Evaluation of Persian Medical Science Research. *Quarterly of Library and information Science* (Faslenameh Ketab)

32. Kousha, K. (2005).Webometrics and Scholarly Communication: An Overview, *Quarterly of Library and information Science*, 14(4), 7-16.

33. Kousha, K. (2004). Experience of Librarians in Design and Development of the National Web Directory of Sites. *Quarterly of Library and information Science* (Faslenameh Ketab), 14(4), 349-358.

34. Kousha, K. & Horri, H. (2004). The Relationship between Scholarly Publishing and the Counts of Academic Inlinks to Iranian University Web Sites: Exploring Academic Link Creation Motivations. *Journal of Information Management and Scientometrics*, 1(2), 13-22.

35. Kousha, K. (1999). DVD: The Next Evolutionary Step for Publishing Multimedia Reference Sources. *Online & CD-ROM Review*, 23(4), 203-205.

English International Refereed Conference Papers

1. Kousha, K. & Thelwall. M. (2015). Alternative Metrics for Book Impact Assessment: Can Choice Reviews be a Useful Source? *In: Proceedings of 15th International Conference Society of Scientometrics and Informetrics Conference 2015*, 29 June- 4 July, 2015 Istanbul, Turkey.

2. Kousha, K. & Thelwall. M. (2013). Evaluating the Web Research Dissemination of EU Academics: A Multi-Discipline Outlink Analysis of Online CVs. *In: Proceedings of 14th International Conference Society of Scientometrics and Informetrics Conference 2011*, 15-19 July, 2013 Vienna, Austria.

3. Mas-Bleda, A.,Thelwall, M., Kousha, K. and Aguillo, I., (2013). European Highly Cited Scientists' Presence in the Social Web. *In: Proceedings of 14th International Conference Society of Scientometrics and Informetrics Conference 2011*, 15-19 July, 2013 Vienna, Austria.

4. Kousha, K., Ashraf Maleki, Mahdieh Hatami, Mahsa Ganji, Sheida Vanoiee, Hamideh Asadi, Razieh Mehdizadeh-Maraghi, Alireza Badrloo, Samira Goodarzi, Shadi Moshtagh, Parisa Sepehr-Ara, Nima Gholami, Akram Siyahi and Mohsen Tavakoli (2013). Impact of brain drain on science production: A case study of Iranian educated migrants in the context of science production in Canada. *In: Proceedings of 14th International Conference Society of Scientometrics and Informetrics Conference 2011*, 15-19 July, 2013 Vienna, Austria.

5. Kousha, K. & Thelwall. M. (2012). Motivations for Citing Youtube Videos in the Academic Publications: A Contextual Analysis. *In: Proceedings of 17th International Conference on Science and Technology Indicators (STI)*, 5-8 September, 2012 in Montreal, Quebec, Canada

6. Kousha, K. & Abdoli, M. (2012). Using YouTube, blogs and Flickr in the agriculture research: A citation analysis, *In: Proceedings of 78th World Library and Information Congress*, 11-17 August 2012, Helsinki, Finland.

7. Kousha, K. & Thelwall. M. (accepted, 2011). Assessing the Citation Impact of BookBased Disciplines: The Role of Google Books, Google Scholar and Scopus in the UK RAE. *In: Proceedings of 13th International Conference Society of Scientometrics and Informetrics Conference 201*1, Durban, South Africa - 4th-8th July.

8. Kousha, K. & Rezaie, S. (2009). Integrated Online Impact (IOI) for Research Assessment: A Case Study on JASIST and Scientometrics. *In: Proceedings of fifth International Conference on Webometrics, Informetrics and Scientometrics (WIS) & Tenth COLLNET Meeting* 13-16 September , 2009, Dalian, China.

9. Kousha, K. & Thelwall. M. (2009). Google Book Search Citation as Impact Indicator: A Case Study on Information and Library Science Journal Articles. *In: Proceedings of 12th International Conference Society of Scientometrics and Informetrics*, Brazil (ISSI2009).

10. Kousha, K. & Abdoli, M. (2009). Citation Impact of the Open Access Agricultural Research: Comparison between OA and Non-OA Publications, *In: Proceedings of 65th IFLA General Conference and Council*, Milan, Italy.

11. Kousha, K. & Abdoli, M. (2009). Citation impact of open access IFLA Annual Conference papers: a methodological approach, *In: Proceedings of 65th IFLA General Conference and Council*, Milan, Italy.

12. Kousha, K. (2008). Automatic Analysis of Online Syllabuses: A new e-Research Method to Investigate the Educational Impact of Research. *In Proceedings of 10th International Conference on Science and Technology Indicators*, 17-20 September 2008, Vienna, Austria.

13. Kousha, K. and Abdoli. M. (2008) Subject Analysis of Online Syllabuses in Library and Information Science: Do Academic LIS Programs Match with Job Requirements, 2008, *In: Proceedings of 64th IFLA General Conference and Council*, Quebec, Canada.

14. Kousha, K. (2008). Characteristics of Open Access Web Citation Networks: A Multidisciplinary Study, *In: Proceedings of fourth International Conference on Webometrics, Informetrics and Scientometrics*, 29 July – 1 August, 2008, Berlin, Germany.

15. Kousha, K. & Thelwall, M. (2006). Sources of Google Scholar Citations outside the Science Citation Index: A Comparison between Four Science Disciplines. *In: Proceedings of 9th International Science& Technology Indicators Conference*, 7-9 September 2006, Leuven, Belgium.

16. Kousha, K & Thelwall. M. (2006). Google Scholar Citations and Google Web/URL Citations: A Multi-Discipline Exploratory Analysis. *In: Proceedings of International Workshop on Webometrics, Informetrics and Scientometrics & Seventh COLLNET Meeting in conjunction with the Extra Session on Information Visualization for Webometrics, Informetrics and Scientometrics*, 10-12 May, 2006, Nancy, France.

17. Kousha, K & Thelwall. . (2005). M. Motivations for URL citations to open access library and information science articles. *In: Proceedings of 10th International Conference Society of Scientometrics and Informetrics (ISSI)*, 24-28 July, 2005, Stockholm, Sweden.

18. Kousha, K. and Horri, A. (2004). Relationship between Scholarly Publishing and the Counts of Academic Inlinks to Iranian University Web Sites: Exploring Academic Link Creation Motivations. *In: Proceedings of International Workshop on Webometrics, Informetrics and Scientometrics*, March 2-5, 2004, New Delhi, India,

19. Kousha, K. & Abdoli, M. (2005). Iran's National ICT Education Plan: an Overview of the Possibilities, Problems and the Programs. *In: Proceedings of 70th IFLA General Conference and Council*, August 22th - 27th 2004, Buenos Aires, Argentina.

Editorial and Reviewing

- Member of the editorial board of *Scientometrics* (2009-)

- *Elsevier's Scopus* Content Selection & Advisory Board (2009-2011)

- *Elsevier's Scopus* journal reviewer (2011-)

- Reviews completed for the journals (**over 70 papers reviewed for academic journals, 47 alone for Scientometrics and ten for JASIST**):
  - *American Sociological Review*
  - *ASLIB Proceedings*
  - *Canadian Journal of Information and Library Science*
  - Cybermetrics
  - *Health Information and Libraries Journal*
  - *Journal of Informetrics*
  - *Journal of Information Management and Scientometrics*
  - *Journal of Information Science*

- Journal of the American Society for Information Science and Technology
- PLOS ONE
- Scientometrics

- Programme committee member/reviewer for the conferences: (**over 20 papers reviewed for conference**)

  - *ASIS&T (American Society for Information Science &Technology) SIGMET meeting*
  - *Montreal, Canada (2013) o International committee (Reviewer) for International Conference Society of Scientometrics and Informetrics (2009)*
  - *International committee (Reviewer) Conference on Webometrics, Informetrics and Scientometrics (WIS) (2007-2009)*

Awards

1. Award of *Excellence in Research*, University of Wolverhampton, June, 2015.
2. *Leverhulme Trust Research Fellowship Award* hosted by Statistical Cybermetrics Research Group, University of Wolverhampton, UK (20112012)
3. Award of the *Eugene Garfield Doctoral Scholarship from International Society of Scientometrics and Informetrics* for PhD Proposal: Motivations for Linking to Open Access Scholarly E-Journals: A Comparison of the Characteristics of Web Citations in Six Science and Social Science Disciplines.
4. *Highly cited paper awards* in social sciences and art and humanities from the Ministry of Science and Technology of Iran (2008) for article "Kousha, K. & Thelwall. M. (2007). Google Scholar Citations and Google Web/URL Citations: A Multi-Discipline Exploratory Analysis. Journal of the American Society of Information Science and Technology, 58(7), 1055-1065.
5. *Distinguished Researcher Award* (h-index award) in Social Sciences (in, 2009, 2010), University of Tehran.

Academic Courses and Team Teaching (Mostly related to Scientometrics/Webometrics)

1. *Professional Considerations and Research Ethics,* invited speaker, University of Wolverhampton, main lecturer Prof. Mike Thelwall (Nov. 2013)
2. *Web Impact Assessment,* invited speaker, University of Wolverhampton, main lecturer Prof. Mike Thelwall (Nov. 2013)
3. *Cybermetrics lecture*, invited speaker, University of Wolverhampton, lecturer Prof. Mike Thelwall (April. 2013)
4. *Introduction to Webometric Analyst,* invited speaker, University of Wolverhampton, for computer science students, one session (Jan. 2013)
5. *Citation indexing*, Masters of Sceintometrics, University of Tehran. Lecturer (2009-2010)
6. *Research Policy*, Masters of Sceintometrics, University of Tehran. Lecturer (2009-2010)

7. *Webomertics,* Masters of Sceintometrics, University of Tehran. Lecturer (2009- 2010)

8. *Statistical Method*s PhD. of Information Science and Masters of Sceintometrics, University of Tehran. Lecturer (2007-2010)

9. *Research methods*, undergraduate students of information science. Lecturer (2008-2010).

10. *Searching citation databases for bibliometric research*, Masters of LIS, University of Tehran. Lecturer (2010).

Thesis Examining/Supervising

• One PhD. Dissertations in Scientometrics/Scholarly communication • 12 Master Thesis in information science/ Scientometric

Director/ Supervisor of Master/ PhD Thesis

• Two PhD dissertations on Webometrics (<u>Second supervisor of studies)</u>

  o Ehsan Mohammadi. Identifying the invisible impact of scholarly publications: A multi-disciplinary analysis using altmetrics (PhD Thesis). Statistical Cybermetrics Research Group. University of Wolverhampton, 2014. (Second supervisor, First Supervisor was Prof. Mike Thelwall)

  o *Modelling Information Seeking Behaviour in Visual Arts*, PhD dissertation in Information Science (**Second supervisor**, First Supervisor was Dr. Fatimeh Fahimneya), University of Tehran, 2nd October, 2010.

• Ten Master theses on Webometrics, informetrics and Sceintometrics topics

  o Publication delay of international scientific papers: A multidisciplinary comparative study, Student: Zahra Namvar, director of study, University of Tehran, 2010.

  o Assessing Teaching Impact of Research: Citation analysis of post-graduate academic syllabi in library and information science in the US, Student: Jamshid Sadeghani, director of study, University of Tehran, 2010.

  o Open access self-arching practices by academics: A multidisciplinary study, Student: Farkhondeh Ojagh, director of study, University of Tehran, 2010. o Assessing the pattern of citation frequency in text body of journal articles in chemistry, Student: Zahra Azizkhani, **director of study**, University of Tehran, 2009.

  o Self-citation pattern in science production in Iran, Student: Yousof Tabatabaie, **director of study**, University of Tehran, 2009. o Quantitative analysis of science production of Iranian authors based on ISI Journal Impact Factors, Student: Samaneh Naderi, **director of study**, University of Tehran, 2009. o Survey of Co-linking motivations among Websites of biology scientific centres, Student: Shadi Tabatabie, **director of study**, University of Tehran, 2009.

  o Comparison between university ranking of Iranian and Turkish institutions and their research performance indicators based on Scopus database, Student:

Mahdokht Farahbakhsh, **director of study**, University of Tehran, 2008. o Scientific collaboration of Iranian medical science universities at national and international levels (2004-2008), Student: Rohollah Shiri, **director of study**, University of Tehran, 2008.

o Knowledge mapping of the Iranian Nanoscience and technology: a text mining approach (2008) Student: Ehsan Mohammadi, **co-supervisor of study**, Science and Research Branch of Islamic Azad University. Iran.

Academic Membership

- Member of Ethics Committee, Research Institute of Information and Language Processing, University of Wolverhampton
- SMB Member, Research Institute of Information and Language Processing, University of Wolverhampton

Computing skill related to Scientometrics/Webometric

- SocSciBot
- Webometric Analyst
- SentiStrength
- HistCite
- VosVeiwer
- Other statistical analysis tools

Qualifications

- PhD: Information science/Webometric (2007, University of Tehran, Abbas Horri and Mike Thelwall were my first and second advisors)
- Master degree: Library and information science(Open University, North Tehran)
- First Degree, Library and information science (Open University, Rodehen)

Books (in Persian)

1. Kousha, K. (2003). Internet Search Tools: Skills for Searching in Web. Ketabdar Publication, Tehran, 250p. (Including CD-ROM).
2. Liwen Vaughan. Statistical Methods for Information Professionals: a Practical, Painless Approach to Understanding Using and Interpreting Statistics, Information Today, 2000. Translated into Farsi by K. Kousha and M. Ghaneh, Chapar Publication, Tehran, 2005.

Long Encyclopedic Articles (Persian Encyclopedia of Library and Information Science)

1. Webometrics, Vol. 2, p. 1864-1869.
2. Digital Libraries, Vol. 2, p. 1481-1491.
3. Hypermedia and Hypertext, Vol. 2, p. 1185-1188.
4. Multimedia, Vol. 1, p. 725-732.
5. Database and Databank, Vol. 1, p. 559-564.
6. Patents Information, Vol. 2, p. 576-573.

7. International Telecommunication Union (ITU), Vol. 1, p. 92-95.

8. United Kingdom Libraries, Vol. 2, p. 359-364.

9. Information Super Highways, Vol. 2, p. 75-78.

10. Internet Search Tools, Vol. 2, p. 433-438.

11. Microprocessors, Vol. 1, p. 948

12. Telecommunication, Vol. 2, p. 137-140.

13. Expert Systems and Artificial Intelligence, Vol. 2, p. 1812-1823.

Selected research articles in Persian (Only on Scientmetric or Webometrics)

1. Ojagh, F. and Kousha, K. (2011). Assessing the self-archiving of the Iranian researchers: A comparison between hard sciences and social sciences, Information Science Research and Public Libraries, 17(65).

2. Kousha, K. and Abdoli, M. (2010). Web citation for research evaluation in medical sciences. Quarterly Journal of Health Information Management, 7(4).

3. Kousha, K. Sadeghani, J., Hidari, M., Kermani, A. (2010). Assessing academic publication rate derived from PhD. Dissertations in University of Tehran, Academic Library and Information Science Research, 52.

4. Naderi, S., Kousha, K. and Sabouri, A. (2009). The qualitative assessment of the Iranian social science research articles based upon Impact Factor measure, Informology, 25.

5. Azizkhani, Z., Kousha, K. and Horri, A. (2010). Frequency of citation in the text of ISI-indexed chemical articles, Academic Library and Information Science Research, 51.

6. Kousha, K. (2008). Overlap between ISI and Google Scholar in Science disciplines, Quarterly Journal of National Library of Iran, 18(3), 213-234.

7. Kousha, K. & Abdoli, M. (2007). Application of Web Statistics for Determination of Preferred/NonA Case Study on UNESCO Thesaurus. Koliyat. Ketab Mah.

8. Kousha, K. (2006). Web citation new source for research evaluation. Rahyaft, No. 38. 6-15.

9. Kousha, K. (2004). Calculating the Web Impact Factor of Iranian Newspapers Web Sites. Journal of Informology. 1(2), 85-114.

10. Kousha, K. (2004) Comparing Internet Search Tools with Persian Interface. Ketabdar Electronic Journal, 2(2), Available: http://www.ketabdar.org/magazine/detailarticle.asp?number=25

11. Kousha, K. (2003). Criteria for Evaluation of Search Engines Performance. Journal of Informology. 1(1), 77-106.