

Mehrdad CheshmehSohrabi, Ph.D.

Professor

Department of Knowledge and Information Science

EMAIL

[mo.sohrabi\[at\]edu.ui.ac.ir](mailto:mo.sohrabi[at]edu.ui.ac.ir)

PHONE

(+98)313-7935547

ADDRESS

University of Isfahan

Azadi square

Isfahan, Iran

Postal code: 8174673441

WEB LINKS:

[Google Scholar](#) [Academia](#) [ResearchGate](#) [linkedin](#) [Personal Website](#)

[Download CV](#)

Overview

Mehrdad CheshmehSorabi is Professor and Head of Department of Knowledge and Information Science in the Faculty of Education and Psychology at the University of Isfahan. He obtained his Ph.D. in Information and Communication Sciences from Grenoble Alps University (France, 2006). His teaching and research focus on different aspects of DIKS (Data, Information, Knowledge, and Science) such as formation, classification, storage, retrieval, analysis, use, application, assessment, evaluation, and ethics. He teaches courses on Semantic Web and Ontology (SWO), Knowledge and Ontology Engineering (KOE), Science Classification and Development, History of Science, Information Retrieval and Storage, Indexing and Abstracting, Management Information Systems (MIS), Data Mining, and Text Analysis and Knowledge Mining. He published numerous articles in Iranian and international journals.

Education

Grenoble Alps University [Grenoble-France]

Ph.D., Information & Communication Sciences

Tarbiat Modares University [Tehran-Iran]
M.A. , Information Science

University of Tehran [Tehran-Iran]
B.A. , Library and Information Science

Research

My research interests are in the area of Information Analysis, Information Retrieval, Knowledge Organization, Science and Technology Studies (STS), Scientometrics, Data mining, Research Ethics, and Library & Information Science. Specifically, I am interested in understanding 1) Science Evolution ([Science', how is it formed?](#)), 2) Research and Science Evaluation (Is science measureable?), and 3) Formation of Meaning in Semantic Web and Semantic Retrieval (meaning, how is it formed in semantic web?).

Articles

Hajian Hoseinabad, A. & **CheshmehSohrabi, M.** (2022). [Proposing a New Combined Indicator for Measuring Search Engine Performance and Evaluating Google, Yahoo, DuckDuckGo, and Bing Search Engines based on Combined Indicator.](#) **Journal of Librarianship and Information Science (JOLIS).**

Mahmoudi Topkanlo, H., & **CheshmehSohrabi, M.** (2023). [Identification and classification of evaluation indicators for scientific and technical publications and related factors.](#) **Information Research**, 28 (1), 78-105.

CheshmehSohrabi, M., & Mashhadi, A. (2022). [Using Data Mining, Text Mining, and Bibliometric Techniques to the Research Trends and Gaps in the Field of Language and Linguistics.](#) **Journal of Psycholinguistic Research.**

Asadnia, A., **CheshmehSohrabi, M.**, Shabani, A., Asemi, A., & Taheri Demneh, M. (2021). [Future of information retrieval systems and the role of library and information science experts in their development.](#) **Journal of Librarianship and Information Science**, 55 (1), 177-190.

CheshmehSohrabi, M., & Sadati, EA. (2021). [Performance evaluation of web search engines in image retrieval: An experimental study.](#) **Information Development**, 38 (4), 522-534. doi:10.1177/02666669211010211.

- CheshmehSohrabi, M., Shabani, R. & Shirdavani, S. (2022).** Tops and trends in Iranian cancer research: a bibliometric analysis. **The Archives of Iranian Medicine (AIM)**, 25 (4), 224-234. 10.34172/aim.2022.38.
- Mohammadi Ostani, M., **CheshmehSohrabi, M.**, Taheri, S.M, Shabani, A., and Asemi, A. (2021). Localization of Schema.org for describing Iranian-Islamic information context's manuscripts. **Knowledge Organization** , 45 (5), 345-356.
- CheshmehSohrabi, M. (2021).** Undergraduate Curriculum of Knowledge and Information Science in Need of Reconstruction. **Journal of National Studies on Librarianship and Information Organization (NASTINFO)**, 32 (2), 77-104. 10.30484/NASTINFO.2021.2901.2053.
- Baghmohammad, M., Mansouri, A., & **CheshmehSohrabi, M. (2020).** Identification of Topic Development Process of Knowledge and Information Science Field Based on the Topic Modeling (LDA). **Iranian Journal of Information Processing and Management**, 36(2).
- Asadnia, A., **CheshmehSohrabi, M.**, Shabani, A., Asemi, A., & Taheri Demneh, M. (2021). Identifying Key Factors Affecting on Future of text information retrieval: A Cross-Impact Analysis Method. **Iranian Journal of Information Processing and Management**, 36 (3), 861-892.
- Ghasemi alvari, M., & **CheshmehSohrabi, M. (2020).** Quantitative and Critical Analysis of Digital Library Research in Iran. **Iranian Journal of Information Processing and Management**, 35 (4), 921-952.
- Movahedian, G., Shabani, A., **CheshmehSohrabi, M.**, & Asemi, A. (2020). Explanation of the Rhizomatic Approach in Knowledge and Information Organization Systems with Emphasis on Web Space. **Iranian Journal of Information Processing and Management**, 35 (3), 817-846.
- CheshmehSohrabi, M. & Dekhodaei, R. (2020).** Evaluation of Journals of the Knowledge and Information Science Field based on Regulations on Determining the Credibility of the Iranian Scientific Journals. **National Studies on Librarianship and Information Organization**, 31(2), 8-20.
- Asadnia, A., **CheshmehSohrabi, M.**, Shabani, A., Asemi, A., & Taheri Demneh, M. (2020). Future of Textual Information Retrieval Systems. **National Studies on Librarianship and Information Organization**, 31(3), 12-26.
- Hajian, A., & **CheshmehSohrabi, M. (2020).** Ranking and Relevance in Noormags and RICEST Databases. **National Studies on Librarianship and Information Organization**, 31(3), 72-92.

- Movahedian, G., Shabani, A., **CheshmehSohrabi, M.**, & Asemi, A. (2020). Otherness in Library Organization Systems vs. Social Tagging. **National Studies on Librarianship and Information Organization**, 31(3), 58-71.
- Mohammadi Ostani, M., **CheshmehSohrabi, M.**, Shabani, A., Asemi, A., & Taheri, S.M. (2019). Methodology Explanation of Schema.org and Analysis of its Approach to the Processing and Organization of Web Content Objects. **Iranian Journal of Information Processing and Management**, 34 (4), 1767-1798.
- Shabani, A., Azargoon, M., **CheshmehSohrabi, M.**, & Asemi, A. (2019). Identification of Effective Contexts in Creation of Query Suggestions: a Systematic Review. **Iranian Journal of Information Processing and Management**, 35 (1), 141-172.
- Kiani, M., Asemi, A., **CheshmehSohrabi, M.**, & Shabani, A. (2019). Analysis of Bioinformatics Research Trends Available in the Clarivate Database. **Health Information Management**, 16(6), 294-300.
- CheshmehSohrabi, M.**, Pashootanzadeh, M., & Oroji, Z. (2019). Study of marketing dimensions of library goods and services in the Isfahan academic libraries. **Modern Marketing Research**, 9 (1), 53-68.
- CheshmehSohrabi, M.**, & Ebrahimi Dorcheh, E. (2019). Comparative Study of Science Classification Systems and Library Bibliographic Classification Schedules. **Library and Information Sciences**, 22(2), 51-80.
- Azargoon, M., Shabani, A., **CheshmehSohrabi, M.**, & Asemi, A. (2019). Factors Affecting the Use of Query Suggestion Systems: Proposing a Model based on Interpretive Structural Modeling Approach. **National Studies on Librarianship and Information Organization**, 30(3), 94-116.
- Abbasi Dashtaki, N., & **CheshmehSohrabi, M.**(2019). Google, Yahoo and Bing Search Engines' Performance in the Persian Information Retrieval: A Fuzzy and Classical Evaluation. **National Studies on Librarianship and Information Organization**, 30(2), 96-111.
- Mohammadi Ostani, M., **CheshmehSohrabi, M.**, Shabani, A., Asemi, A., & Taheri, S. (2019). Identifying and Determining the Attributes of Iranian-Islamic Information Context's Manuscript from the Point of Information and Knowledge Organization. **National Studies on Librarianship and Information Organization**, 30(1), 176-199.
- Saadat, R., Shabani, A., Asemi, A., & **CheshmehSohrabi, M.** (2019). Potential of Folksonomies for Enhancing Professional Knowledge Organization Systems: a Review of Conceptions and Literature. **National Studies on Librarianship and Information Organization**, 29(4), 7-26.

- Soleimanzade Najafi, N., Asemi, A., **CheshmehSohrabi, M.**, & Shabani, A. (2018). Scientific articles in "Internet of Things": A bibliometric and co-word analysis in MEDLINE. **Payesh**, 17 (5), 507-520.
- Kamranian Marnani, P., & **CheshmehSohrabi, M.** (2018). The relationship between psychological capital and organizational commitment among academic libraries in Isfahan. **Library and Information Science Studies**, 10 (25), 179-200.
- Mohammadi Ostani, M., Azargoon, M., & **CheshmehSohrabi, M.** (2018). Methodology of Construction and Design of Ontologies: a Case Study of Scientometrics Field Iranian Journal of Information Processing and Management, 33 (4), 1761-1788.
- Ghasemi, M., **CheshmehSohrabi, M.**, & TavakoliZadeh Ravari, M. (2018). Semantic digital libraries: Study of structural and content features. **Quarterly Knowledge and Information Management Journal**, 5(1), 11-20.
- CheshmehSohrabi, M.**, & Zarmehr, F. (2018). The Need to Concentrate on Interdisciplinary in Science Classification Systems and Library-Bibliographical Classification Schemas: A Switch from Classical Logic to Fuzzy Logic. **Journal of Interdisciplinary Studies in the Humanities**, 10 (2), 55-79.
- CheshmehSohrabi, M.**, & Saadat, R. (2018). The status of interdiscipline in library classification schedules. **National Studies on Librarianship and Information Organization**, 29(2), 27-50.
- CheshmehSohrabi, M.**, Baluchi, M., & Nouri, A. (2018). Studying the Personality Traits and Demographic Characteristics of Iranian Experts in Knowledge and Information Science Based on the Five Factor Model (FFM). **Journal of Library and Information Science**, 8 (1), 29-54.
- SeyyedHosseini, S., Asemi, A., Shabani, A., & **CheshmehSohrabi, M.** (2017). Infodemiology: a New Presence Concept in Human Information Interaction Based on Eysenbach's View. **Iranian Journal of Information Processing and Management**, 32 (3), 605-630.
- CheshmehSohrabi, M.**, Heidari, G., & Azimi Vaziri, A. (2017). From librarianship to knowledge and information science: The historiography and backgrounds of formation of the field name in Iran. **Library and Information Sciences**, 20(2), 3-41.
- SeyyedHosseini, S., Asemi, A. Shabani, A., & **CheshmehSohrabi, M.** (2017). Information Seeking Behavior versus Scientific Publication Behavior: An infodemiological study on prostate cancer. **Human Information Interaction**, 4 (1), 67-79
- Movahedian, G., & **CheshmehSohrabi, M.** (2017). Theoretical approaches in developments of library classification systems. **National Studies on Librarianship and Information Organization**, 27(4), 7-27.

- CheshmehSohrabi, M., & Hakimaei, N. (2016).** Using h-index in the evaluation of research and researcher, yes or no? **Quarterly Knowledge and Information Management Journal**, 3(2), 11-24.
- Ebrahimi Darcheh, E., **CheshmehSohrabi, M., & Neyestani, M. (2016).** Content Analysis of the High School Textbooks in Iran from Information Literacy Perspective. **Education and Training**, (125), 169-200
- Sohieli, F., **CheshmehSohrabi, M., & Atashpaykar, S. (2015).** Co-authorship network analysis of Iranian medical science researchers: A social network analysis. **Caspian Journal of Scientometrics**, 2 (1), 24-32.
- Ebadolahi, N., & **CheshmehSohrabi, M. (2014).** The Influence of Librarians' Individual Characteristics on the Acceptance of Information Technology: A Case Study of Namayeh Library Management Software. **Research on Information Science & Public Libraries**, 20 (2), 371-391.
- Norouzi, A., **CheshmehSohrabi, M., & Horri, A. (2014).** Investigate the familiarity and use of indexes in the end of the book between academic members of Isfahan city based on Innovation Diffusion Theory (IDT). **Health Information Management**, 11 (3), 334-343.
- CheshmehSohrabi, M., & Shamsi-ShahValad Aliai, S. (2014).** Mapping of the knowledge map of Librarians of the University of Isfahan. **Library and Information Science**, 17 (1), 45-63.
- Rajaei, Z., **CheshmehSohrabi, M., & Afshar, E. (2013).** Online public relations in academic libraries. **Journal of Library and Information Science**, 4 (1), 135-152.
- Orei, N., **CheshmehSohrabi, M., Sanayei, A., & Jabbari Noghabi, H. (2013).** Investigating the electronic readiness of Academic libraries in Isfahan. **Journal of Library and Information Science**, 3 (2), 113-132.
- Bazbin, M., **CheshmehSohrabi, M., & Moradi, M. (2013).** A study of the relationship between information literacy and evidence based librarianship: A case study of librarians of academic libraries of Kermanshah. **Journal of Library and Information Science**, 3 (2), 133-152.
- Keyvanara, M., Ojaghi, R., **CheshmehSohrabi, M., & Papi, A. (2013).** Typology of Plagiarism Using the Experiences of Experts in Isfahan University of Medical Sciences. **Health Information Management**, 10 (3), 449-459.
- Poorhaghani, M., Afshar, E., & **CheshmehSohrabi, M. (2012).** Accessibility of printed book collection at the University of Isfahan: the tsunami of false. **Journal of Library and Information Science**, 3 (1), 191-206.

- CheshmehSohrabi, M., & Shahin, A. (2012).** A Comparative Study of Media Literacy: Students of Tehran University of Medical Sciences vs. Students of University of Tehran. **Global Media Journal-Persian Edition**, 7(2), 27-57.
- Ojaghi, R., keyvanara, M., **CheshmehSohrabi, M., & Papi, A. (2012).** Pathology Analysis of Plagiarism: A Qualitative Research. **Iranian Journal of Medical Education**, 11 (9), 1063-1073.
- Akbari, M., **CheshmehSohrabi, M., & Afshar Zanjani, E. (2012).** Analysis of Search Engines and Meta Search Engines' Position by University of Isfahan Users Based on Rogers' Diffusion of Innovation Theory. **Iranian Journal of Information Processing and Management**, 27 (4), 961-984.
- Naqhneh Esfahani, M., **CheshmehSohrabi, M., & Bani Iqbal, N. (2012).** Comparative Study of the Persian and English Keywords of Theses from the Isfahan University of Medical Sciences, Iran, and the Thesauruses and Persian Medical Subject Headings. **Health Information Management**, 9 (6), 802-813.
- CheshmehSohrabi, M., Rahim-Salmani, A., & Rahim-Salmani, A. (2011).** The Effect of Color on the Internal Architecture of Academic Library Space. **Library and Information Sciences**, 14(1), 39-70
- Enteshari, F., **CheshmehSohrabi, M., & Afshar, E. (2011).** Applicability of post graduate theses in library and information sciences in Isfahan libraries. **Journal of Library and Information Science**, 1 (1), 67-88.
- Miri, E., & **CheshmehSohrabi, M. (2011).** A survey on Information Literacy of the bachelor senior students in Arak University of science and technology in digital environment (during 2008- 2009). **Knowledge Studies**, 4(13), 65-76.
- CheshmehSohrabi, M., & Akbari, M., Afkhamnia, A. (2011).** Design Standards in Central Libraries of Universities in Isfahan. **National Studies on Librarianship and Information Organization**, 22(3), 6-23.
- Pandpazir, M., & **CheshmehSohrabi, M. (2010).** A Survey on Information Literacy of Higher Education Students in Kermanshah University of Medical Sciences Based upon Eisenberg and Berkowitz's Six big skills. **Research on Information Science & Public Libraries**, 16 (2), 115-137.
- Osareh, F., **CheshmehSohrabi, M., & Dehghanpour, N. (2010).** A study of Iranian engineering scientific outputs in science citation index accessible through dialog database during 1990-2008. **Iranian Engineering Education Quarterly**, 12 (48), 1-23.
- Ardalan Eftekhari, S., & **CheshmehSohrabi, M. (2010).** Quantitative and Qualitative Evaluation of Library and Information Science Journal from Spring 1377 to Spring 1387. **Library and Information Science**, 13 (3), 53-84.

CheshmehSohrabi, M. (2009). Scientists' use of visible and invisible Web: an analysis based on Max Weber's ideal type. **Research on Information Science & Public Libraries**, 14 (4), 25-40.

Zabet, S., & CheshmehSohrabi, M. (2008). A Review of Sociological Theories Concerning the Use of Information and Communication Technologies (Dissemination, Innovation and Possession). **Communication Research**, 16 (60), 37-61.

CheshmehSohrabi, M.(2000). The Impact of the Use of Thesaurus in Bibliographic Databases on Recall, Precision and Time Consumed for Searching Information. **National Studies on Librarianship and Information Organization**, 11(2), 59-76

...

Book Chapter

CheshmehSohrabi, M., (2012). ***Récents développements en sciences sociales : Vers un nouveau modèle d'appropriation sociale des Technologies de l'Information et de la Communication.*** In Les technologies numériques comme miroir de la société. paris: Harmattan, p19-35.

CheshmehSohrabi, M., (2012). ***Culture Internet : Le rôle de la dimension cognitive de la technique dans l'appropriation sociale d'un objet technique.*** In Les technologies numériques comme miroir de la société. paris: Harmattan, p361-377.

Teaching interest

Information Retrieval (IR) Knowledge Organization (KO) Information AnalysisData & Text Mining Research methods Bibliometric/ScientometricsResearch EthicsIndexing & Abstracting

Professional activities

Information Analysis ProjectsJournal Indexing and BrandingData and Text Mining ProjectsInformational Counseling Research CounselingBibliometric/Scientometric ProjectsResearch and Policy Analysis (Journals and Universities Ranking,...) User Studies ProjectsDocument Indexing Projects

Courses

Ph.D. Courses

Semantic Web and Ontology [Download Syllabus](#)

Text Analysis and Knowledge Mining [Download Syllabus](#)

Science Classification and Development [Download Syllabus](#)

Sybernetics and Communication [Download Syllabus](#)

M.A. Courses

Data Mining [Download Syllabus](#)

Knowledge and Ontology Engineering [Download Syllabus](#)

Information Retrieval and Storage [Download Syllabus](#)

Information Representation [Download Syllabus](#)

Management Information Systems (MIS) [Download Syllabus](#)

Indexing and Abstracting [Download Syllabus](#)

Research Method (Quantitative and Qualitative Methods) [Download Syllabus](#)

B.A. Courses

Scientific Writing and Editing [Download Syllabus](#)

Introduction to Indexing and Abstracting [Download Syllabus](#)

Scientific Databases [Download Syllabus](#)

[Browse more courses taught by Mehrdad CheshmehSohrabi](#)

Ph.D. Student & Postdoctoral Researcher

Ph.D. Student

2014 Morteza Mohamadi Ostani [Google Scholar](#)

2014 Maryam Azargon [Google Scholar](#)

2015 Ali Milan

2015 Ghasem Movahedian [Google Scholar](#)

2015 Abolfazl Asadnia [Google Scholar](#)

2016 Nayere Soleimanzade

2016 Masoume Kiani [Google Scholar](#)

2017 Mitra Baghjanati

2018 Fatemeh Farkhari

2019 Neda Abbasi Dashtaki [Google Scholar](#)

2021 Hamidreza kiani

2022 Mehdi Fathi

2022 Omran Ahmadi

Postdoctoral Researcher

2020 Hasan Mahmoudi in **Scientometrics and Redearch Evaluation** , [Google Scholar](#)

Skills (Tool/Software)

Protégé

RapidMiner

Weka

Excel

SPSS

Python

VOSviewer & other bibliometric software

...

- [Website](#)
- [Department of Knowledge and Information Science](#)