



首页 > 刘畅

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研究方向

信息行为 (Human Information Behavior)
信息服务 (Information Services)
交互式信息检索 (Interactive Information Retrieval)
个性化信息检索 (Personalization of Information Retrieval)

教育背景

2007-2012, PhD, Information Science, Rutgers, The State University of New Jersey, USA
2005-2007, 管理学硕士, 情报学专业, 北京大学信息管理系
2001-2005, 管理学学士, 信息管理与信息系统专业, 北京大学信息管理系

工作经历

2015.8 至今 北京大学信息管理系, 副教授
20013.2-2015.7 北京大学信息管理系, 讲师
2011-2012 Part-time Lecturer, School of Communication and Information, Rutgers, The State University of New Jersey, USA

代表著作

学术论文

Liu, J., Liu, C*, & Belkin, N.J. (2015). Predicting Information Searchers' Topic Knowledge At Different Search Stages. *Journal of the Association for Information Science and Technology (JASIST)*. doi: 10.1002/asi.23606 (SCI,SSCI)
Liu, C., Liu, J.,Belkin, N.J. (2014). Predicting Search Task Difficulty at Different Search Stages. In the proceedings of The ACM International Conference on Information and Knowledge Management, (CIKM 2014), Shanghai, China.
Zhang,X., Liu, J., Liu, C. and Cole, M.J. (2014). Factors influencing users' perceived learning during online searching. In the Proceedings of the 9th International Conference on e-Learning (ICEL2014), 26-27 June 2014, Valparaiso, Chile. (EI)
Liu, J., Liu, C., Belkin, N.J. (2013). Examining the Effects of Task Topic Familiarity on Searchers' Behaviors in Different Task Types. In the proceedings of ASIS&T 2013, November 1-6, Montreal, Canadian.
Cole, M.J., Gwizdka, J., Liu, C., Belkin, N.J. & Zhang, X. (2013) Inferring User Knowledge Level from Eye Movement Patterns. *Information Processing & Management (IP&M)*, 49(5),1075-1091. (SCI, SSCI)

- Liu, C., Baik, E., Cole, M., Belkin, N.J. (2012). Rutgers at the TREC 2012 Session Track. TREC 2012.
- Liu, C., Belkin, N.J. and Cole, M.J. (2012). Personalization of search results using interaction behaviors in search sessions. In Proceedings of the 35th international ACM SIGIR conference on Research and development in information retrieval (SIGIR '12). ACM, New York, NY, USA, 205-214. DOI=10.1145/2348283.2348314
- Liu, C., Liu, J., Cole, M. J., Belkin, N.J., and Zhang, X. (2012). Task Difficulty and Domain Knowledge Effects on Information Search Behaviors. ASIS&T 2012, Baltimore, Maryland, October 26-30, 2012.
- Liu, J., Liu, C., Cole, M. J., Belkin, N.J., and Zhang, X. (2012). Exploring and Predicting Search Task Difficulty. CIKM '12, Mani Hawaii, USA. Oct. 29-Nov. 2, 2012
- Cole, M. J., Gwizdka, J., Liu, C., Bierig, R., Belkin, N. J., & Zhang, X. (2011). Task and User Effects on Reading Patterns in Information Search. *Interacting with Computers*, 23(4): 346 - 362. (SCI, SSCI, EI)
- Liu, C., Sun, S., Cole, M., Belkin, N.J. (2011). Rutgers at the TREC 2011 Session Track. TREC 2011.
- Liu, J., Liu, C., Yuan, X., & Belkin, N. J. (2011). Understanding searchers' perception of task difficulty: Relationships with task type. ASIS&T 2011, New Orleans, LA, October 9-13.
- Cole, M., Gwizdka, J, Liu, C., Belkin, N. J. (2011). Dynamic Assessment of Information Acquisition Effort during Interactive Search. ASIS&T 2011, New Orleans, LA, October 9-13. [Best Paper Award—ASIST Information Interaction Session]
- Liu, C., Gwizdka, J., Liu, J., Xu, T., Belkin, N.J. (2010). Analysis and Evaluation of Query Reformulations in Different Task Types. ASIST 2010. Pittsburgh, PA. October 22-27, 2010.
- Liu, J., Gwizdka, J., Liu, C., Belkin, N.J.(2010). Predicting Task Difficulty for Different Task Types. ASIST 2010. Pittsburgh, PA. October 22-27, 2010.
- Qu, P., Liu, C., Lai, M. (2010). Chinese College Students' Web Querying Behaviors: A Case Study of Peking University. *Chinese Journal of Library and Information Science*, 3(4): 23-36.
- Cole, M.J., Zhang, X., Liu, J., Liu, C., Belkin, N.J., Bierig, R., Gwizdka, J. (2010). Are self-assessments reliable indicators of topic knowledge? ASIS&T 2010. Pittsburgh, PA. October 22-27, 2010.
- Cole, M., Gwizdka, J., Bierig, R., Belkin, N.J., Liu, J., Liu, C., Zhang, J., Zhang X. (2010). Linking search tasks with low-level eye movement patterns. Proceedings of the 28th European Conference on Cognitive Ergonomics (ECCE 2010). Delft, The Netherlands. August 25-27, 2010.
- Liu, C., Gwizdka, J., Liu, J. (2010). Helping identify when users find useful documents: Examination of query reformulation interval. The proceedings of the 3rd Information Interaction in Context Symposium (IliX' 2010).
- Liu, J., Cole, M., Liu, C., Gwizdka, J., Belkin, N.J, Zhang, J, Zhang, X. (2010). Search behaviors in different task types. Proceedings of ACM-IEEE Computer Society Joint Conference on Digital Libraries (JCDL) 2010. Goldcoast, Australia, June 21-25, 2010.
- Liu, C., Yang, F., Zhao, Y., Jiang, Q., Zhang, L. (2014). What does time constraint mean to information searchers? IliX 2014, August, 26-31, Regensburg, Germany.
- Liu, C., Zhang, L., Jiang, Q., Yang, F., Zhao, Y. (2014). The influence of task type on search experience from the perspective of time constraint. ASIS&T 2014, November 1-6, Seattle, US.
- Liu, C., Liu, J., Belkin, N. J., Cole, M., & Gwizdka, J. (2011). Using dwell time as an implicit measure of usefulness in different task types. ASIS&T 2011. New Orleans, LA, October 9-13. [SIG USE Best Poster Award]
- Cole, M., Belkin, N., Liu, C., Gwizdka, J., Zhang, X. (2011). Knowledge Effects on Document Selection in Search Results Pages. In extended abstracts of SIGIR'2011. Beijing, China. July 24-28, 2011.
- Liu, J., Liu, C., Zhang, J., Bierig, R., Cole, M. (2010). Identifying Queries in the Wild, Wild Web. IliX' 2010. [Best Poster Award]
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- Liu, J., Liu, C., Gwizdka, J., Belkin, N. (2010). Can search systems detect users' task difficulty? Some behavioral signals. SIGIR'2010. Geneva, Switzerland. July 19-23, 2010.
- Liu, C., Gwizdka, J., Belkin, N.J. (2010). Analysis of Query Reformulation Types on Different Search Tasks. i-Conference 2010, Urbana-Champaign, IL, February 3-6,

2010.

Liu, C., Liu, Y.-H., & Xu, T. (2009). To search is to believe? A comparative study of health information use by Internet users. ASIS&T 2009.

著作及章节

Liu, C., Qu, P., & Xu, T. (2014). Research on Web Search and User Search Behaviors in Mainland China. In J. Du, Q. Zhu, & A. Koronios (Eds.) Library and Information Science Research in Asia-Oceania: Theory and Practice (pp. 45-60). Hershey, PA: Information Science Reference. doi:10.4018/978-1-4666-5158-6.ch004

科研项目

主持国家自然科学基金项目“基于用户检索行为和搜索任务情境的个性化信息检索系统研究” (#71303015)

主持Rutgers TREC-Session Track 2012/2011

参与Personalization of Digital Library Experience (PooDLE) --IMLS Funded

参与The Personalized and Adaptive Information Systems project (PAIS)

教授课程

人类信息行为

交互式信息检索

社会兼职

学术论文评审:

Journal of the Association for Information Science and Technology

Journal of Data and Information Science

iConference

Annual Meeting of the American Society for Information Science and Technology (ASIS&T)

The ACM SIGIR Conference on Human Information Interaction and Retrieval (CHIIR)

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