Aminer 调研报告

王清雨

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第一部分　历史

1　aminer 发展历史

2006 年 6 月　信息提取，学者、论文、会议搜索

2006 年 8 月　重写上述功能

2007 年 7 月　添加学者研究兴趣、关联搜索（*association search*）、*survey search*?

2008 年 4 月　查询理解（*Query understanding*）、新的搜索界面、日志分析

2008 年 11 月　图搜索、主题挖掘（*topic mining*）

2009 年 4 月　信息编辑、开放资源

2009 年 12 月　学术统计数据（*Academic statistics*）、用户反馈、精细化排名

2　论文发表历史

2.1　Social influence analysis

Topic-based social influence analysis in large-scale networks
论文 1 [Tang et al., 2008b]
2 [Tang et al., 2008a]
3 [Tang et al., 2011]
4 [Wang et al., 2011]
5 [Zhang et al., 2018]

第二部分　组织结构

第三部分　特点

第四部分　后台技术

参考文献

[Tang et al., 2011] Tang, J., Fong, A. C., Wang, B., and Zhang, J. (2011). A unified probabilistic framework for name disambiguation in digital library. *IEEE Transactions on Knowledge and Data Engineering*, 24(6):975–987.

[Tang et al., 2008a] Tang, J., Jin, R., and Zhang, J. (2008a). A topic modeling approach and its integration into the random walk framework for academic search. In *2008 Eighth IEEE International Conference on Data Mining*, pages 1055–1060. IEEE.

[Tang et al., 2008b] Tang, J., Zhang, J., Yao, L., Li, J., Zhang, L., and Su, Z. (2008b). Arnetminer: extraction and mining of academic social networks. In *Proceedings of the 14th ACM SIGKDD international conference on Knowledge discovery and data mining*, pages 990–998. ACM.

[Wang et al., 2011] Wang, X., Tang, J., Cheng, H., and Philip, S. Y. (2011). Adana: Active name disambiguation. In *2011 IEEE 11th international conference on data mining*, pages 794–803. IEEE.

[Zhang et al., 2018] Zhang, Y., Zhang, F., Yao, P., and Tang, J. (2018). Name disambiguation in aminer: Clustering, maintenance, and human in the loop. In *Proceedings of the 24th ACM SIGKDD International Conference on Knowledge Discovery & Data Mining*, pages 1002–1011. ACM.