

Appendix B

The core papers of each detected theme by the SciMAT co-word analysis for each subperiod are provided in the following.

Subperiod 2007-2010

• Relational Data

- THOMPSON, B., YAO, D., The Union-split Algorithm And Cluster-based Anonymization Of Social Networks. 4th International Symposium On Acm Symposium On Information, Computer And Communications Security, Asiaccs'09 : 218-227 (2009). Times cited: 64
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- YANG, C.C., THURAISINGHAM, B.M., Privacy-preserved Social Network Integration And Analysis For Security Informatics. Ieee Intelligent Systems 25:5 88-90 (2010). Times cited: 3

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- LIU, L., WANG, J., LIU, J., ZHANG, J., Privacy Preservation In Social Networks With Sensitive Edge Weights. 9th Siam International Conference On Data Mining 2009, Sdm 2009 2: 949-960 (2009). Times cited: 41
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- DANEZIS, G., AURA, T., CHEN, S., KICIMAN, E., How To Share Your Favourite Search Results While Preserving Privacy And Quality. 10th International Symposium On Privacy Enhancing Technologies, Pets 2010 6205 LNCS: 273-290 (2010). Times cited: 4

- LI, Y., SHEN, H., On Identity Disclosure In Weighted Graphs. Parallel And Distributed Computing, Applications And Technologies, Pdcat Proceedings : 166-174 (2010). Times cited: 4

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- CHENG, J., FU, A.W.-C., LIU, J., K-isomorphism: Privacy Preserving Network Publication Against Structural Attacks. 2010 International Conference On Management Of Data, Sigmod '10 : 459-470 (2010). Times cited: 263
- CAMPAN, A., TRUTA, T.M., Data And Structural K-anonymity In Social Networks. 2nd Acm Sigkdd International Workshop On Privacy, Security, And Trust In Kdd, Pinkdd 2008 5456 LNCS: 33-54 (2009). Times cited: 98
- YING, X., PAN, K., WU, X., GUO, L., Comparisons Of Randomization And K-degree Anonymization Schemes For Privacy Preserving Social Network Publishing. 3rd Workshop On Social Network Mining And Analysis, Sna-kdd '09 : - (2009). Times cited: 61
- BHAGAT, S., CORMODE, G., KRISHNAMURTHY, B., SRIVASTAVA, D., Privacy In Dynamic Social Networks. 19th International World Wide Web Conference, Www2010 : 1059-1060 (2010). Times cited: 37
- SINGH, L., ZHAN, J., Measuring Topological Anonymity In Social Networks. 2007 Ieee International Conference On Granular Computing, Grc 2007 : 770-774 (2007). Times cited: 28
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- CHENG, J., FU, A.W.-C., LIU, J., K-isomorphism: Privacy Preserving Network Publication Against Structural Attacks. 2010 International Conference On Management Of Data, Sigmod '10 : 459-470 (2010). Times cited: 263
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● **GENERALIZATION-APPROACH**

▪ **Core Papers**

- XIAOWEI, Y., XINTAO, W., Randomizing Social Networks: A Spectrum Preserving Approach. 8th Siam International Conference On Data Mining 2008, Applied Mathematics 130 2: 739-750 (2008). Times cited: 183
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• FACEBOOK

- SALA, A., ZHAO, X., WILSON, C., ZHENG, H., ZHAO, B.Y., Sharing Graphs Using Differentially Private Graph Models. 2011 Acm Sigcomm Internet Measurement Conference, Imc'11 : 81-97 (2011). Times cited: 158
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- DURR, M., MAIER, M., DORFMEISTER, F., Vegas - A Secure And Privacy-preserving Peer-to-peer Online Social Network. 2012 Ase/ieee International Conference On Social Computing, Socialcom 2012 And The 2012 Ase/ieee International Conference On Privacy, Security, Risk And Trust, Passat 2012 : 868-874 (2012). Times cited: 25
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