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Bibliography

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Faculty Bibliography

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I am a professor in the department of Computer Science at Western Kentucky University. My current research interests include data mining, machine learning, and software engineering. I am a member of ACM and IEEE.

Publications

Chen, Hui-Chuan, Allen Parish & Huanjing Wang. Automated Selection of Auto Crash Causes, Proceedings of 42nd ACM Southeast Regional Conference, 2004.

Chen, Kairui, Huanjing Wang & Guangming Xing. Categorical Data Transformation Methods for Neural Networks, Proceedings of the 2008 International Conference on Information and Knowledge Engineering, 2008.

Fan, Guangbin, Huanjing Wang & Jingyuan Zhang. Performance Comparison of Location Areas and Reporting Centers under Aggregate Movement Behavior Mobility Models, Proceedings of the 31st Annual International Conference on Parallel Processing, 2002.

Gao, Kehan, Taghi Khoshgoftaar & Huanjing Wang. A Comparative Study of Filter-based Feature Ranking Techniques, Proceedings of the 11th IEEE International Conference on Information Reuse and Integration, 2010.

> An Empirical Investigation of Filter Attribute Selection Techniques for Software Quality Classification, 10th IEEE International Conference on Information Reuse and Integration, 2009.

> High-Dimensional Software Engineering Data and Feature Selection, 21st IEEE International Conference on Tools with Artificial Intelligence, 2009.

Gao, Kehan, Taghi Khoshgoftaar, Naeem Seliya & Huanjing Wang. Mining Data from Multiple Software Development Projects, 9th IEEE International Conference on Data Mining, 2009.

Khoshgoftaar, Taghi & Huanjing Wang. Measuring Stability of Threshold-based Feature Selection Techniques, 23rd IEEE International Conference on Tools with Artificial Intelligence, 2011.

Khoshgoftaar, Taghi, Amri Napolitano, Randall Wald & Huanjing Wang. A Novel Dataset-similarity-aware Approach for Evaluating Stability of Software Metric Selection Techniques, Proceedings the 13th IEEE International Conference on Information Reuse and Integration, 2012.

Khoshgoftaar, Taghi, Jason Van Hulse & Huanjing Wang. A Comparative Study of Threshold-based Feature Selection Techniques, Proceedings of 2010 IEEE International Conference on Granular Computing, 2010.

Khoshgoftaar, Taghi, Pengpeng Lin & Huanjing Wang. A Novel Hybrid Search Algorithm for Feature Selection, 21st International Conference on Software Engineering and Knowledge Engineering, 2009.

Khoshgoftaar, Taghi, Qianhui Liang & Huanjing Wang. Stability and Classification Performance of Feature Selection Techniques, 10th International Conference on Machine Learning and Applications, 2011.

Khoshgoftaar, Taghi, Randall Wald & Huanjing Wang. Measuring Robustness of Feature Selection Techniques on Software Engineering Datasets, Proceedings the 12th IEEE International Conference on Information Reuse and Integration, 2011.

Parish, Allen, Randy Smith, Susan Vrbsky & Huanjing Wang. Improved Variable and Value Ranking Techniques for Mining Categorical Data , *Expert Systems of Applications*, Vol. 29, No. 4, 2005.

Strategies to Improve Variable Selection Performance, Proceedings of the 2005 International Conference on Information and Knowledge Engineering, 2005.

Smith, Randy & Huanjing Wang. Data Mining to Improve Traffic Safety, *UTCA Report 04107*, Birmingham, AL: University Transportation Center for Alabama, 2005.

Wang, Huanjing. Variable Selection and Ranking for Analyzing Automobile Traffic Accident Data, Proceedings of 20th Annual ACM Symposium on Applied Computing, 2005.

Wang, Huanjing & Jingyuan Zhang. Performance Comparison of Location Areas and Reporting Centers under Individualized Mobility Models, *International Journal of High Performance Computing & Networking*, Vol. 3, Nos. 5-6, 2005.

Wang, Huanjing, Zhonghang Xia & Guangming Xing. Xdiff+: A Visualization System for XML Document and Schema, Proceedings of 46th ACM Southeast Regional Conference, 2008.