

Journal Publications:

1. Md. Mamunur Rashid, Iqbal Gondal, Joarder Kamruzzaman, "Mining Associated Patterns from Wireless Sensor Networks", **IEEE Transaction on Computer**, ERA A*, 2014, **Impact factor: 1.5**
2. Farzaneh Armaghani, Gondal, J. Kamruzzaman, David Green, "Sensor Selection for Tracking Multiple Groups of Targets" *Journal of Network and Computer Applications*, Elsevier, 2014, impact factor: 1.25
3. Muhammad Amar, Iqbal Gondal, Campbell Wilson, "Vibration Spectrum Imaging: A Bearing Fault Classification Approach" *IEEE Transactions on Industrial Electronics*, 2013
4. Gibbs L, Waters E, de Silva A, Riggs E, Moore L, Armit C, Johnson B, Morris M, Calache H, Gussy M, Young D, Tadic M, Christian B, Gondal I, Watt R, Pradel V, Truong M, Gold L. An exploratory trial implementing a community based child oral health promotion intervention for Australian families from refugee and migrant backgrounds: A protocol paper for Teeth Tales. *BMC Public Health* (accepted 10 Feb 2014) Impact factor 2.08
5. M. F. Yaqub, Gondal, I.; Kamruzzaman, J, Haider, A., "Self and Static Interference Mitigation Scheme for Coexisting Wireless Networks" *Journal of Computers & Electrical Engineering*, Elsevier, 2013 Impact Factor 0.733
6. Haider, A.; Gondal, I.; Kamruzzaman, J, "Social-Connectivity-Aware Vertical Handover for Heterogeneous Wireless Networks" *Journal of Network and Computer Applications*, Elsevier, 2013, impact factor: 1.25
7. M. F. Yaqub, I. Gondal, and J. Kamruzzaman, K. A. Loparo, Abrasion modeling of multiple point defect dynamics for machine condition monitoring, *IEEE Trans on Reliability*, (Impact factor: 1.33), 2013
8. M. F. Yaqub, I. Gondal, and J. Kamruzzaman, "An adaptive self-configuration scheme for severity invariant machine fault diagnosis" *IEEE Trans on Reliability*, (Impact factor: 1.33) 2013
9. Anwaar Haq, Iqbal Gondal, Manzur Murhsed, "On Temporal Order Invariance for View-invariant Action Recognition" *IEEE Transactions on Circuits and Systems for Video Technology* (Accepted), (**Impact factor 2.55**), 2012
10. M. F. Yaqub, I. Gondal, and J. Kamruzzaman, "Inchoate Fault Detection Framework: Adaptive Selection of Wavelet Nodes and Cumulant Orders" *IEEE Transactions on Instrumentation & Measurement* (**Impact factor 1.03**), 2012
11. M. F. Yaqub, I. Gondal, and J. Kamruzzaman, "Multi-Step SVR and Optimally Parameterized WPT for Machine Residual Life Prediction" *Journal of Vibration and Control* (**Impact factor 0.9**), 2011
12. M. F. Yaqub, I. Gondal, and J. Kamruzzaman, "Severity Invariant Feature Selection for Machine Health Monitoring" *International Review of Electrical Engineering* (IREE) journal, PRAISE WORTHY PRIZE S.r.l.PUBLISHING HOUSE, 2011
13. M. F. Yaqub, I. Gondal, and J. Kamruzzaman, "Machine Health Monitoring Based on Stationary Wavelet Transform and 4th Order Cumulants" *AJEEE: Australian Journal of Electrical & Electronics Engineer*, 2011

14. Muhammad Shoaib Sehgal, Iqbal Gondal, Laurence Dooley, and Ross Coppel, "How to Improve Post Genomic Knowledge Discovery using Imputation"
<http://www.hindawi.com/journals/bsb/aip.717136.html> EURASIP Journal on Bioinformatics and Systems Biology, 2009
15. Kemeng Yang, Iqbal Gondal, Bin Qiu, "Multi-Dimensional Adaptive SINR Based Vertical Handoff for Heterogeneous Wireless Networks", IEEE COMMUNICATIONS LETTERS, VOL. 6, NO. 1, Feb 2008 (**Impact factor: 1.2, cited, 19 times**)
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Conference Publications:

37. Md. Mamunur Rashid, Iqbal Gondal, Joarder Kamruzzaman, A Novel Algorithm for Mining Behavioral Patterns from Wireless Sensor Networks, *The annual International Joint Conference on Neural Networks (IJCNN)*, 2014
38. Md. Mamunur Rashid, Iqbal Gondal, Joarder Kamruzzaman, A Parallel and Distributed Framework for Mining Share-Frequent Sensor Patterns from Wireless Sensor Networks, *The International Conference on Computational Science (ICCS)*, 2014
39. Md. Mamunur Rashid, Iqbal Gondal, Joarder Kamruzzaman, Mining Associated Sensor Patterns For Data Stream Of Wireless Sensor Networks, *Mswim' 13*

40. Md. Mamunur Rashid, Iqbal Gondal, Joarder Kamruzzaman, Regularly Frequent Patterns Mining From Sensor Data Stream, Iconip2013
41. Md. Mamunur Rashid, Iqbal Gondal, Joarder Kamruzzaman, Acsp-Tree: A Tree Structure For Mining Behavioral Patterns From Wireless Sensor Networks') 38th Annual IEEE Conference On Local Computer Networks 2013
42. Muhammad Amar, Iqbal Gondal, Campbell Wilson, "Multi-Size-Window Spectral Augmentation: Neural Network Bearing Fault Classifier" 8th IEEE Conference on Industrial Electronics and Applications (ICIEA 2013)
43. Xueliang Hua, Iqbal Gondal , Farrukh Yaqub, "Mobile Agent Based Artificial Immune System for Machine Condition" 8th IEEE Conference on Industrial Electronics and Applications (ICIEA 2013)
44. Farrukh Yaqub, Iqbal Gondal, "Smart Phone Based Vehicle Condition Monitoring" 8th IEEE Conference on Industrial Electronics and Applications (ICIEA 2013)
45. Muhammad Amar, Iqbal Gondal, Campbell Wilson, "Fuzzy Logic Inspired Bearing Fault-Model Membership Estimation" IEEE ISSNIP Conference, 2013
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88. Iqbal Gondal, Shoaib Sehgal, Mudasser Iqbal, Joarder Kamruzzaman, "Ambient Cardiac Expert: A Cardiac Patient Monitoring System using Genetic and Clinical Knowledge Fusion, 6th IEEE International Conference on Computer and Information Science (ICIS 2007) July 11-13, 2007 Melbourne, Australia
89. Iqbal Gondal, Mudasser Iqbal, Megan Wood, Shoaib Sehgal, "Integrated Sensing and Diagnosis – The next step in Real Time Patient Health Care, 6th IEEE International Conference on Computer and Information Science (ICIS 2007) July 11-13, 2007 Melbourne, Australia
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IP:

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