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EDUCATIONAL BACKGROUND

- Bachelor Degree, Institute of Physics Opt Electronics Technology, Fujian Normal University, China (1995-1999)
- Master Degree, Institute of Physics Opt Electronics Technology, Fujian Normal University, China (2002-2004)
- Ph. D Degree, Department of Automation, University of Science and Technology of China (2005-2008)

RESEARCH EXPERIENCE

- Postdoc, PostDoc Researcher in Computing Department of The HongKong Polytechnic University (2014-2015)

RESEARCH INTERESTS

Data Mining; Big Data; Evolutionary Algorithm

ACADEMIC EXPERIENCE

- Associate Professor in Software School of Xiamen University (2011.8- present)
- Assistant Professor in Software School of Xiamen University (2008.9- 2011.7)

REPRESENTATIVE PUBLICATIONS

- Haiying Zhang, Jiaojiao Bai, Zhengjie Li, Yan Liu, **Kun-Hong Liu***, Scale invariant SURF detector and automatic clustering segmentation for infrared small targets detection, <http://doi.org/10.1016/j.infrared.2017.04.001>.
- **Kun-Hong Liu***, Zhi-Hao Zeng, Vincent To Yee Ng, A Hierarchical Ensemble of ECOC for cancer classification based on multi-class microarray data, Information Sciences, Vol. 349–350, pp. 102–118, 2016.(SCI)

- **Kun-Hong Liu***, Muchenxuan Tong, Shu-Tong Xie and Vincent To Yee Ng, Genetic Programming Based Ensemble System for Microarray Data Classification, Computational and Mathematical Methods in Medicine, Volume 2015, Article ID 193406, 2015.(SCI)
- Qingqi Hong, Qingde Li, Beizhan Wang, Yan Li, Junfeng Yao, **Kunhong Liu** and Qingqiang Wu, 3D vasculature segmentation using localized hybrid level-set method, c 2014, 13:169. (SCI)
- Muchenxuan Tong, **Kun-Hong Liu***, Chungui Xu, Wenbin Ju, "An ensemble of SVM classifiers based on gene pairs", Computers in Biology and Medicine 43(6), 729–737, 2013. (SCI)
- Guo-Yan Liu, **Kun-Hong Liu**(co-first author), et. al, "Novel cancerization marker, TP53, and its role in distinguishing normal tissue adjacent to cancerous tissue from normal tissue adjacent to benign tissue", World Journal of Surgical Oncology, 2012, 10:252. (SCI)
- Guo-Yan Liu, **Kun-Hong Liu**(co-first author), et. al, "Alterations of tumor-related genes do not exactly match the histopathological grade in gastric adenocarcinomas" , World J Gastroenterol, Vol. 16, No. 9, pp. 1129-1137, 2010. (SCI)
- **Kun-Hong Liu***, Bo Li, Qing-Qiang Wu, Jun Zhang, Ji-Xiang Du and Guo-Yan Liu, "Microarray data classification based on ensemble independent component selection", Computers in Biology and Medicine. Vol. 39, No.11, pp. 953 – 960, 2009. (SCI, EI)
- **Kun-Hong Liu*** and Chun-Gui Xu, "A genetic programming-based approach to the classification of multiclass microarray datasets", Bioinformatics, Vol. 25, No.3, pp. 331 – 337, 2009. (SCI)
- **Kun-Hong, Liu***, Bo, Li, Jun, Zhang and Ji-Xiang, Du, "Ensemble component selection for improving ICA based microarray data prediction models", Pattern Recognition, Vol. 42, No. 7, pp. 1274–1283, 2009. (SCI, EI)
- **Kun-Hong Liu**, De-Shuang Huang, "Cancer classification using Rotation Forest", Computers in Biology and Medicine. Vol. 38, pp.601-610, 2008. (SCI, EI)
- **Kun-Hong Liu**, Jun-Feng Xia and Xue-Ling Li, "Efficient Ensemble Schemes for Protein Secondary Structure Prediction", Protein and Peptide Letters, Vol. 15, no. 5, pp.488-493, 2008. (SCI)
- **Kun-Hong Liu***, Yong Xu, De-Shuang Huang and Min Cheng, "Grooming of Dynamic Traffic in WDM Star and Tree Networks Using a Genetic Algorithm", Photonic Network Communications. Vol. 15, no. 2, pp.111-121, 2008. (SCI)
- **Kun-Hong Liu** and Yong Xu, "Combining GA with splitting methods to the rearrangeably non-blocking grooming of dynamic traffic in SONET ring networks," Photonic Network Communications, vol. 10, No.2, pp.179-192, 2005. (SCI)
- **Kun-Hong Liu** and Yong Xu, "A new approach to improving the grooming performance with dynamic traffic in SONET rings," Computer Networks, vol. 46, no. 2, pp.181-195, 2004. (SCI)
- Wei-Peng Lin, **Kun-Hong Liu**, and Guoyan Liu, "The Application Of Feature Selection Methods To Analyze The Tissue Microarray Data", Fourth International Workshop on Advanced Computational Intelligence, Wuhan, Hubei, China; October 19-21, 2011. (EI)

- **Kun-Hong Liu**, Qingqiang Wu, and Meihong Wang, "The Design of Evolutionary Multiple Classifier System for the Classification of Microarray Data", ISNN 2011, Wuhan. **(EI)**
- **Kun-Hong Liu** and Yong Xu, "A Genetic Algorithm Approach to the Grooming of Dynamic Traffic in Tree and Star Networks with Bifurcation", Guangxi, Guilin, Proceeding of the 10th International Conference on Intelligent Technologies, 2009:p. 524-533.**(EI)**
- **Kun-Hong Liu**, De-Shuang Huang, *and Jun Zhang*, "Microarray Data Prediction by Evolutionary Classifier Ensemble System," IEEE Congress on Evolutionary Computation (CEC), Singapore, September 25-28, pp. 3215-3220, 2007. **(EI)**
- **Kun-Hong Liu**, De-Shuang Huang, *and Bo Li*, "Improving the Performance of ICA Based Microarray Data Prediction Model with Genetic Algorithm," IEEE Congress on Evolutionary Computation (CEC), Singapore, September 25-28, pp. 3215-3220, 2007. **(EI)**