



陈国明 副教授

陈国明，男，1977年7月出生，广东省广州市人。2003年7月中山大学计算机软件与理论硕士研究生毕业，获硕士学位。2009年12月中山大学计算机软件与理论博士研究生毕业，获博士学位。2008年2月至2009年2月获国家留学基金委全额资助项目在美国东华盛顿大学留学一年。2014年12月获广东省副教授专业技术资格。2012年广东省“千百十”人才培养第七期校级培养对象。

社会兼职：中国计算机学会会员。广东省计算机课程命题委员会委员。

主要获奖情况：2012年和2013年连续两年获广东第二师范学院科研贡献奖。

主讲课程：《Java编程》、《面向对象程序设计》、《操作系统原理》、《计算机网络》、《数据库系统概论》、《软件工程与计算1》、《多媒体技术》、《专业英语》、《数字图像处理》等。

研究领域：数据挖掘、机器学习、模式识别与图像处理。

主持的科研项目或参与的高水平科研项目：

- 1、参与国家自然科学基金面上项目No.61370186,76万，排名第三；
- 2、主持校级博士专项No.2013ARF03,2万；

主要研究成果：自2009年以来，发表SCI、EI及国内核心论文多篇。

论文代表作：

期刊论文:

[1] Guoming Chen, Qiang Chen, Dong Zhang, Duanning Zhou, Steganalysis Based on Distribution Characters of Stego-images in Reduced Dimension Space, Multimedia Tools and Applications.71(2),pp.497-515,2014.(SCI)

[2]陈国明, 印鉴, 周端宁, 张东.一种新的隐写分析方法: IKLDA. 电子学报, 37(8): 1762-1767,2009. (EI)

[3]Guoming Chen, Qiang Chen,Dong Zhang,Yiqun Chen, A Watermark Scheme based on Compressive Sensing and Bregman Iteration, International Journal of Computers and Applications,2013,4(35):173-180(EI)

[4]Guoming Chen, Qiang Chen, Dong Zhang, Yiqun Chen, Integrating Chaos to Deep Learning, Journal of Computational Information Systems 11(7) 1-8,2015. (EI)

[5]Guoming Chen, Qiang Chen , On Optimal Feature Selection Using Intelligent Optimization Methods for Image Steganalysis , Journal of Information & Computational Science, 10(13),pp4145-4155,2013.(EI)

[6] Guoming Chen, Qiang Chen , Measurement Matrix of Compressive Sensing Based on Bacterial Foraging Optimization , Journal of Information & Computational Science, 11(2):659-669,2014. (EI)

[7]Jinxin Ruan, Junxun Yin, Qiang Chen, Guoming Chen , Facial Expression Recognition Based on Gabor Wavelet Transform and Relevance Vector Machine , Journal of Information & Computational Science, 11(2):1-8,January 2014.(EI)

[8] 陈国明, 陈强, 陈忆群.一种使用压缩感知的数字水印技术. 小型微型计算机系统,35(6),1363-1368,2014.

[9]陈忆群,牟来彦,陈国明,有数量限制的开放式车辆路径加速算法.计算机工程, 2012 (24) : 137-140.

会议论文:

[10]Guoming Chen, Qiang Chen , Dong Zhang. Dictionary Learning in Reduced Dimension Space for Image Steganalysis. 5th International Conference on Digital Home, ICDH 2014,pp58-63, 2014.(EI)

[11]Guoming Chen, Qiang Chen , Dong Zhang. Mean Shift: A Method for Measurement Matrix of Compressive Sensing. 5th International Conference on Digital Home, ICDH 2014,pp64-69, 2014.(EI)

[12]Guoming Chen, Dong Zhang, Qiang Chen, Duanning Zhou. The Characteristic of Different Chaotic Sequences for Compressive Sensing. 2012 5th International Congress on Image and Signal Processing(CISP 2012), pp1771-1775(EI)

[13]Guoming Chen, Qiang Chen, Dong Zhang, Weiheng Zhu, Particle Swarm Optimization Feature Selection for Image Steganalysis, 4th International Conference on Digital Home, ICDH 2012,pp304-308, 2012.(EI)

[14]Guoming Chen, Dong Zhang, Qiang Chen, Duanning Zhou. Image Steganalysis by the Distribution Characters of Stego-images in Reduced Dimension Space. IEEE 2012 Fourth International Conference on Digital Home: pp235-240.2012(EI)

[15]Shun Long, Guoming Chen, Weiheng Zhu, Wenjuan Shi, An Empirical Study on Knee Arthritis Remedies, Proc. of The 3rd International Workshop on Information Technology for Chinese Medicine (ITCM2012), attached to the IEEE International Conference on Bioinformatics and Biomedicine (BIBM 2012), Philadelphia, US, Oct 4-7, 2012 ; (EI)

[16]Xia Wu, Huijin Wang, Guoming Chen, Weiheng Zhu, Shun Long, Mining the Associations between Pharmic Quality and Ingredients of Traditional Chinese Medicines, Proc. of The 3rd International Workshop on Information Technology for Chinese Medicine (ITCM2012), attached to the IEEE International Conference on Bioinformatics and Biomedicine (BIBM 2012), Philadelphia, US, Oct 4-7, 2012 ; (EI)



[17]Guoming Chen, Dong Zhang, Weiheng Zhu, Chaoxia Zhang, Jinxin Ruan, Qian Tao. On Optimal Feature Selection Using Harmony Search for Image Steganalysis. The 8th International Conference on Natural Computation,2012 , 1086-1090.(EI)

[18]Guoming Chen, Weiheng Zhu, Yiqun Chen, Jian Yin. Intrinsic dimension estimation based on maximum likelihood estimator and reverse k nearest neighbors. 2011 Eighth International Conference on Fuzzy Systems and Knowledge Discovery (FSKD) , 1289-1293.(EI)

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