

实验室论文发表

2010 2009 2008 2007 2006 2005 2004 2003 全部(2010-1988)

1. 钱海勇, 周卫平, 鲍旭东, 罗立民, [基于逆浓度扩散及直方图的Mumford-Shah模型的MRA血管分割](#), 信号处理, 23(2):273-277, 2007
2. H. Q. Zhu, H. Z. Shu, J. Liang, L. M. Luo, J. L. Coatrieux, [Image reconstruction and compression by discrete orthogonal Racah moments](#), Signal Processing, 87:687-708, 2007
3. H. Q. Zhu, H. Z. Shu, J. Liang, L. M. Luo, J. L. Coatrieux, [Image analysis by discrete orthogonal dual-Hahn moments](#), Pattern Recognition Letters, 28:1688-1794, 2007
4. Z. D. Zhou, Pascal Haignon, H. Z. Shu, W. X. Yu, Cecile Moisan, Jean-Pierre Manens, Antoine Lucas, L. M. Luo, [Optimization of intravascular brachytherapy treatment planning in peripheral arteries](#), Computerized Medical Imaging and Graphics 31:401 - 407, 2007
5. 白衡, 王世杰, 罗立民, 张宗军, [基于双树复数小波降噪的扩散张量估计](#), 信号处理, 23(3):330-335, 2007
6. 唐慧, 罗立民, Jean-Louis Dillenseger, [术前计划系统中CT造影图像的配准](#), 应用科学学报 25(4):370-376, 2007
7. 张秋葵, 罗立民, 杨武, [软组织形变实时仿真的非线性模型](#), 应用科学学报, 25(3):276-282, 2007
8. 胡轶宁, 周健, 罗立民, [正电子发射断层成像重建方法研究](#), 2007中国生物医学工程联合学术年会(大会报告), 2007
9. 韩静, 罗立民, 鲍旭东, [基于小波变换的图像染色算法](#), 中国图像图形学报, 12(9):1579-1584, 2007
10. 周振东, 罗立民, 舒华忠, [全身伽马刀治疗过程自动化的解决方案](#), 应用科学学报, 25(2):177-182, 2007
11. Huazhong Shu, Limin Luo, Jean-Louis Coatrieux, [Moment-based Approaches in Imaging, Part 1, Basic Features](#), IEEE Eng. in Medicine and Biology Magazine, 26(5):70-74, 2007
12. H. Q. Zhu, H. Z. Shu, J. Zhou, X. B. Dai, L. M. Luo, [Conditional entropy maximization for PET image reconstruction using adaptive mesh model](#), Comput. Med. Imaging Graphics, 31:166-177, 2007
13. H. Q. Zhu, H. Z. Shu, J. Zhou, L. M. Luo, [Bayesian algorithms for PET image reconstruction with mean curvature and Gauss curvature diffusion regularizations](#), Comput. Biol. Med., 37:793-804, 2007
14. 章品正, 王征, 徐琴珍, 舒华忠, [二维Tchebichef矩正反变换的快速算法](#), 信号处理, 23(1):69-72, 2007
15. 朱鹏, 唐慧, 林毅兴, 鲍旭东, [基于PC平台的三维立体医学可视化系统](#), 中国医疗器械杂志, 31(1):10-13, 2007
16. T. Xia, H. Q. Zhu, H. Z. Shu, P. Haignon, L. M. Luo, [Image description with generalized pseudo-Zernike moments](#), J. Opt. Soc. Am. A. 24(1):50-59, 2007
17. H. Z. Shu, Y. Wang, L. Senhadji, L. M. Luo, [Direct computation of type-II discrete Hartley transform](#), IEEE Signal Processing Letters, 14(5):329-332, 2007
18. H. Z. Shu, X. D. Bao, C. Toumoulin, L. M. Luo, [Radix-3 algorithm for the fast computation of forward and inverse MDCT](#), IEEE Signal Processing Letters, 14(2):93-96, 2007
19. H. Z. Shu, J. Zhou, G. N. Han, L. M. Luo, J. L. Coatrieux, [Image reconstruction from limited range projections using orthogonal moments](#), Pattern Recognition, 40:670-680, 2007
20. 胡轶宁, 罗立民, [A new MAP method for PET reconstruction with priori defined in projection space](#), 2007医学图像处理与临床应用研究国际学术会议, 2007年5月11-14日, 广州, 2007

21. 凌琦, 舒华忠, 李松毅, 罗立民, 任意长度的离散W变换的一种递归算法, 电子学报, 35(10):1949-1953, 2007
22. Wu Yang, Xiuzi Ye, Approximation of Circular Arcs by C2 Cubic Polynomial B-splines, Proceeding of 2007 10th IEEE International Conference on CAD&CG, 417-420, 2007
23. 胡轶宁, 周健, 罗立民, 基于Mumford-Shah正则项的PET图像重建方法, 数据采集与处理, 22(4):391-395, 2007
24. 章品正, 舒华忠, 基于小波分析与神经网络的人脸检测方法, 电路与系统学报, 12(1):55-61, 2007
25. 章品正, 徐琴珍, 王征, 基于小波矩的面部特征匹配定位方法, 计算机工程与应用, 43(26):245-248, 2007
26. 郑洪喆, 鲍旭东, 乳腺癌病例多频电阻抗扫描数据特征参数的初步分析, 生物医学工程研究, 26(1):14-19, 2007
27. 胡轶宁, 周健, 罗立民, 一种基于Fourier-小波矩的PET图像重建方法, 计算机学报, 2007年12月, 30(12):2164-2172, 2007
28. Yining Hu, Jian Zhou, Limin Luo, Globally defined MAP method for PET image reconstruction, SPIE 5th Intl Sym MIPPR 2007, Vol 6789 0G, 2007
29. 王世杰, 罗立民, 一种改进的EPI伪影校正算法, 信号处理, 23(4):568-572, 2007
30. 王斌, 舒华忠, 罗立民, 遗传算法用于曲线的误差约束多边形近似, 计算机研究与发展, 2007. 11, 44(11):1939-1945, 2007
31. 荣成城, 周健, 曹国刚, 罗立民, 边界轮廓特征的多分辨率弹性配准, 应用科学学报, 25(6):608-614, 2007
32. J. Zhou, J.L. Coatrieux, A. Bousse, H.Z. Shu, L.M. Luo, A generalized diffusion based inter-iteration nonlinear bilateral filtering scheme for PET image reconstruction, Computerized Medical Imaging and Graphics, 31:447-457, 2007
33. J. Zhou, J.L. Coatrieux, A. Bousse, H.Z. Shu, L.M. Luo, A Bayesian MAP-EM algorithm for PET image reconstruction using wavelet transform, IEEE Trans. Nuclear Science, 54(5):1660-1669, 2007
34. H. Tang, H.Z. Shu, J.L. Dillenseger, X.D. Bao, L.M. Luo, Moment-based metrics for mesh simplification, Computers & Graphics 31:710-718, 2007
35. H.Q. Zhu, H.Z. Shu, T. Xia, L.M. Luo, J.L. Coatrieux, Translation and scale invariants of Tchebichef moments, Pattern Recognition, 40:2530-2542, 2007
36. Shijie Wang, Zhiqiang Zhang, Guangming Lu and Limin Luo, Localization of brain activity by temporal anti-correlation with the posterior cingulate cortex, Proceedings of the 29th Annual Intl Conf. IEEE-EMBS, 5227-5230, 2007
37. G. Yang, A. Bousset, C. Toumoulin, and H. Shu, Simulation Environment for the Evaluation of 3D Coronary Tree Reconstruction Algorithms in Rotational Angiography, Proceedings of the 29th Annual Intl Conf. IEEE-EMBS, 4484-4487, 2007
38. Xudong Bao, Danhua Xu, Christine Toumoulin, and Limin Luo, Volume Reconstruction Based on Non-rigid Registration, Proceedings of the 29th Annual Intl Conf. IEEE-EMBS, 6535-6538, 2007
39. Hui Tang, Jean-Louis Dillenseger, and Li Min Luo, Intra subject 3D/3D Kidney Registration using Local Mutual Information Maximization, Proceedings of the 29th Annual Intl Conf. IEEE-EMBS, 6379-6382, 2007
40. Pinzheng Zhang, Qinzhen Xu, Zheng Wang, New automatic segmentation and extraction method, SPIE 5th Intl Sym MIPPR 2007, Vol 6789 07, 2007