

K.O. Oyeboade, J.R. Tapamo, Adaptive Parameter selection for Graph-cut based segmentation of cell images, Image Analysis and Stereology, No 35, pp. 29-37, March 2016.

T. Mapayi, J.R. Tapamo, and S. Viriri, Retinal Vessel Segmentation: A Comparative Study of Fuzzy C-means and Sum Entropy Information on Phase Congruency, International Journal of Advanced Robotic Systems, 2015, 12:133 | doi: 10.5772/60581.

T. Mapayi, S. Viriri, and J.R. Tapamo, Adaptive Thresholding Technique for Retinal Vessel Segmentation Based on GLCM-Energy Information, Computational and Mathematical Methods in Medicine, Volume 2015 (2015), Article ID 597475.

T. Mapayi, S. Viriri, and J.R. Tapamo, Comparative Study of Retinal Vessel Segmentation Based on Global Thresholding Techniques, Computational and Mathematical Methods in Medicine, Volume 2015 (2015), Article ID 895267.

J.R. Kala, S. Viriri, D. Moodley, and J.R. Tapamo, Leaf Classification Using Convexity Measure of Polygons, Lecture Notes in Computer Science, vol 9680, pp. 51-60, 2016.

T. Mapayi and J.R. Tapamo, Difference Image and Fuzzy C-Means for Detection of Retinal Vessels, in Proceedings of the 2016 IEEE Southwest Symposium on Image Analysis and Interpretation (SSIAI), ISBN 978-1-4673-9919-7, Santa Fe, USA, March 06-08, 2016, pp. 169 - 172, March 2016.

F. Osayamwen and J.R. Tapamo, Within-Class Subspace Regularization for Human Activity Recognition, in Proceedings of the 2016 IEEE International Conference on Industrial Technology (ICIT), Taipei, Taiwan, March 14-17, 2016, pp. 804-807, March 2016.

T. Iruansi, J.R. Tapamo, and I.E. Davidson, An Active Contour Approach to Water Droplets Segmentation from Insulators, in Proceedings of the 2016 IEEE International Conference on Industrial Technology (ICIT), Taipei, Taiwan, March 14-17, 2016, pp. 737-741, March 2016.

Keith Chikamai, Serestina Viriri and Jules-Raymond Tapamo, The effectiveness of combining the likelihood maps of different filters in improving detection of calcification objects, in proceedings the 2015 Pattern Recognition Association of South Africa and Robotics and Mechatronics International Conference (PRASA-RobMech). Port Elizabeth, South Africa, November 26-27, 2015, pp. 30-36.

Valentine Azom, Aderemi Adewumi, and Jules-Raymond Tapamo, Face and Iris biometrics person identification using hybrid fusion at feature and score-level, in proceedings the 2015 Pattern Recognition Association of South Africa and Robotics and Mechatronics International Conference (PRASA-RobMech) Port Elizabeth, South Africa, November 26-27, 2015, pp. 206-212

Hayden Faulkner, Ergnoor Shehu, Zygmunt Szpak, Wojciech Chojnacki, Jules-Raymond Tapamo, Anthony Dick and Anton Van Den-Hengel, A Study of the Region Covariance Descriptor: Impact of Feature Selection and Image Transformations, in Proceedings of the 2015 Digital Image Computing Techniques and Applications Conference, Adelaide Town Hall,

Adelaide, South Australia, Australia, November 23-25, 2015, pp. 68-75, Nov 2015.

Kribashnee Dorasamy, LeandraWebb, Jules-Raymond Tapamo, Evaluating the Change in Fingerprint Directional Patterns under Variation of Rotation and Number of Regions, BIOSIG 2015, pp. 169-180.

Avashna Govender, Febe de Wet, and Jules-Raymond Tapamo, HMM Adaptation for Child Speech Synthesis, Sixteenth Annual Conference of the International Speech Communication Association, pp. 1640-1644, Sept 2015.

T. Naidoo, A. McDonald and J.R. Tapamo, Feature Selection for Anomaly-Based Network Intrusion Detection Using Cluster Validity Indices, in Proceedings of the SATNAC 2015, 6 - 9 Sept 2015, Arabella, Hermanus, Western Cape, South Africa, pp. 145-150, Sept 2015.

Wehib Abubeker Abdulahi and Jules-Raymond Tapamo, Fast Chan-Vese without Edges and Connected Component Analysis for Kidney Segmentation in MRI Images, in Proceedings of IEEE AFRICON 2015, ISBN 978-1-4799-7497-9, 14-17 Sept 2015, Addis Ababa, Ethiopia, pp. 515-519, Sept 2015.

Usiholo Iruansi, Jules-Raymond Tapamo and Innocent Davidson, An Active Contour Approach to Insulator Segmentation, ISBN 978-1-4799-7497-9, in Proceedings of IEEE AFRICON 2015, ISBN 978-1-4799-7497-9, 14-17 Sept 2015, Addis Ababa, Ethiopia, pp. 556-560, Sept 2015.

K. Dorasamy, L. Webb, J.R. Tapamo, and N.P. Khanyile, Fingerprint classification using a simplified rule-set based on directional patterns and singularity features, in Proceedings of the 2015 International Conference on Biometrics (ICB), Phuket, Thailand, May 19-22, 2015, pp. 400-407, May 2015.

T. Mapayi, S. Viriri, J.R. Tapamo, Retinal Vessel Segmentation Based on Phase Congruence and GLCM Sum-Entropy, in Proceedings of the 2015 IEEE International Conference on Industrial Technology (ICIT), Seville, Spain, March 17-19, 2015, pp. 1759-1764, March 2015.