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Area of interest:

Digital Image Processing, Data Mining

1. D. Shiloah Elizabeth, A. Kannan, H. Khanna Nehemiah, "Detection of Cancerous Tissues in Computed Tomographic Images of Lung: A Preliminary Study", Journal of Science, Technology and Management, Vol. 1, Issue 1, pp. 47-54 (2008).
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3. Shiloah Elizabeth D., Khanna Nehemiah H., Sunil Retmin Raj C., Kannan A., " A Novel Segmentation Approach for Improving Diagnostic Accuracy of CAD Systems for Detecting Lung Cancer from Chest Computed Tomography Images", ACM Journal of Data and Information Quality, published by ACM. Vol. 3, Issue 4, pp. 4:1-4:16 (2012).
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5. Shiloah Elizabeth D., Khanna Nehemiah H., Sunil Retmin Raj C., and Kannan A., " A Novel Supervised Approach for Segmentation of Lung Parenchyma from Chest CT for Computer-Aided Diagnosis", Journal of Digital Imaging, published by Springer. Vol. 26, Issue 3, pp. 496-509 (2013).
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7. SR Raj C, K Nehemiah H, S Elizabeth D, K A, " Distance Based Genetic Algorithm for Feature Selection in Computer Aided Diagnosis Systems", Current Medical Imaging Reviews , Vol. 13, Issue 3, pp. 284 - 298 (2017).
8. CSRR K.Kiruba, D. Shiloah Elizabeth, "Deep Learning for Human Action Recognition & Survey", International Journal of Computer Sciences and Engineering , Vol. 6, Issue 10, pp. 323-328 (2018).
9. SED Kannan A Sunil Retmin Raj C, Khanna Nehemiah H, " A Novel Feature-Significance Based k-Nearest Neighbour Classification Approach for Computer Aided Diagnosis of Lung Disorders", Current Medical Imaging Reviews , Vol. 14, Issue 2, pp. 289-300 (2018).
10. K Kiruba, ED Shiloah, RRC Sunil, " Hexagonal Volume Local Binary Pattern (H-VLBP) with deep stacked autoencoder for human action recognition", Cognitive Systems Research , Vol. 58, Issue 71, pp. 71-93 (2019).