# Abdelbasset Brahim

List of Publications by Year
in descending order



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|---|---|---|---|
| 14 papers | 509 citations | 1307594 7 h-index | 1281871 11 g-index |
| 15 all docs | 15 docs citations | 15 times ranked | 724 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Gradients of connectivity as graph Fourier bases of brain activity. Network Neuroscience, 2021, 5, 322-336. | 2.6 | 11 |
| 2 | Graph Fourier transform of fMRI temporal signals based on an averaged structural connectome for the classification of neuroimaging. Artificial Intelligence in Medicine, 2020, 106, 101870. | 6.5 | 26 |
| 3 | A decision support tool for early detection of knee OsteoArthritis using X-ray imaging and machine learning: Data from the OsteoArthritis Initiative. Computerized Medical Imaging and Graphics, 2019, 73, 11-18. | 5.8 | 100 |
| 4 | Knee Osteoarthritis Detection Using Power Spectral Density: Data from the OsteoArthritis Initiative. Lecture Notes in Computer Science, 2019, , 480-487. | 1.3 | 4 |
| 5 | Texture analysis using complex wavelet decomposition for knee osteoarthritis detection: Data from the osteoarthritis initiative. Computers and Electrical Engineering, 2018, 68, 181-191. | 4.8 | 21 |
| 6 | Diagnosis of osteoporosis disease from bone X-ray images with stacked sparse autoencoder and SVM classifier. , 2017, , . | | 13 |
| 7 | Independent Component Analysis-Support Vector Machine-Based Computer-Aided Diagnosis System for Alzheimerâ€™s with Visual Support. International Journal of Neural Systems, 2017, 27, 1650050. | 5.2 | 74 |
| 8 | A proposed computer-aided diagnosis system for Parkinson's disease classification using123I-FP-CIT imaging. , 2017, , . | | 4 |
| 9 | Independent Component Analysis-Based Classification of Alzheimerâ€™s Disease from Segmented MRI Data. Lecture Notes in Computer Science, 2015, , 78-87. | 1.3 | 6 |
| 10 | Intensity normalization of DaTSCAN SPECT imaging using a model-based clustering approach. Applied Soft Computing Journal, 2015, 37, 234-244. | 7.2 | 14 |
| 11 | Early diagnosis of Alzheimer×³s disease based on partial least squares, principal component analysis and support vector machine using segmented MRI images. Neurocomputing, 2015, 151, 139-150. | 5.9 | 214 |
| 12 | Comparison between Different Intensity Normalization Methods in 123I-Ioflupane Imaging for the Automatic Detection of Parkinsonism. PLoS ONE, 2015, 10, e0130274. | 2.5 | 17 |
| 13 | Intensity Normalization of 123 I-ioflupane-SPECT Brain Images Using a Model-Based Multivariate Linear Regression Approach. Lecture Notes in Computer Science, 2015, , 68-77. | 1.3 | 0 |
| 14 | Applications of Gaussian mixture models and mean squared error within DatSCAN SPECT imaging. , 2014, , . | | 1 |