

Abdelbasset Brahim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4104529/publications.pdf>

Version: 2024-02-01

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