

Juan M Gorriz

List of Publications by Citations

Source: <https://exaly.com/author-pdf/990174/juan-m-gorriz-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

296
papers

4,581
citations

38
h-index

56
g-index

325
ext. papers

5,808
ext. citations

3.1
avg, IF

5.85
L-index

#	Paper	IF	Citations
296	Ensembles of Deep Learning Architectures for the Early Diagnosis of the Alzheimer's Disease. <i>International Journal of Neural Systems</i> , 2016 , 26, 1650025	6.2	188
295	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	5.4	165
294	Covid-19 classification by FGCNet with deep feature fusion from graph convolutional network and convolutional neural network. <i>Information Fusion</i> , 2021 , 67, 208-229	16.7	115
293	Principal component analysis-based techniques and supervised classification schemes for the early detection of Alzheimer's disease. <i>Neurocomputing</i> , 2011 , 74, 1260-1271	5.4	106
292	NMF-SVM based CAD tool applied to functional brain images for the diagnosis of Alzheimer's disease. <i>IEEE Transactions on Medical Imaging</i> , 2012 , 31, 207-16	11.7	98
291	SVM-based computer-aided diagnosis of the Alzheimer's disease using t-test NMSE feature selection with feature correlation weighting. <i>Neuroscience Letters</i> , 2009 , 461, 293-7	3.3	95
290	Computer-aided diagnosis of Alzheimer's type dementia combining support vector machines and discriminant set of features. <i>Information Sciences</i> , 2013 , 237, 59-72	7.7	90
289	Advances in multimodal data fusion in neuroimaging: Overview, challenges, and novel orientation. <i>Information Fusion</i> , 2020 , 64, 149-187	16.7	85
288	Computer aided diagnosis system for the Alzheimer's disease based on partial least squares and random forest SPECT image classification. <i>Neuroscience Letters</i> , 2010 , 472, 99-103	3.3	83
287	SVM-based CAD system for early detection of the Alzheimer's disease using kernel PCA and LDA. <i>Neuroscience Letters</i> , 2009 , 464, 233-8	3.3	81
286	18F-FDG PET imaging analysis for computer aided Alzheimer's diagnosis?. <i>Information Sciences</i> , 2011 , 181, 903-916	7.7	78
285	Automatic assistance to Parkinson's disease diagnosis in DaTSCAN SPECT imaging. <i>Medical Physics</i> , 2012 , 39, 5971-80	4.4	76
284	GMM based SPECT image classification for the diagnosis of Alzheimer's disease. <i>Applied Soft Computing Journal</i> , 2011 , 11, 2313-2325	7.5	69
283	Automatic tool for Alzheimer's disease diagnosis using PCA and Bayesian classification rules. <i>Electronics Letters</i> , 2009 , 45, 389	1.1	69
282	Artificial intelligence within the interplay between natural and artificial computation: Advances in data science, trends and applications. <i>Neurocomputing</i> , 2020 , 410, 237-270	5.4	67
281	Two fully-unsupervised methods for MR brain image segmentation using SOM-based strategies. <i>Applied Soft Computing Journal</i> , 2013 , 13, 2668-2682	7.5	62
280	Computer Aided Diagnosis tool for Alzheimer's Disease based on Mann-Whitney-Wilcoxon U-Test. <i>Expert Systems With Applications</i> , 2012 , 39, 9676-9685	7.8	61

279	Brain connectivity analysis: a short survey. <i>Computational Intelligence and Neuroscience</i> , 2012 , 2012, 412512	61
278	LVQ-SVM based CAD tool applied to structural MRI for the diagnosis of the Alzheimer's disease. <i>Pattern Recognition Letters</i> , 2013 , 34, 1725-1733	4.7 58
277	Improved Gauss-Newton optimisation methods in affine registration of SPECT brain images. <i>Electronics Letters</i> , 2008 , 44, 1291	1.1 56
276	Studying the Manifold Structure of Alzheimer's Disease: A Deep Learning Approach Using Convolutional Autoencoders. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 17-26	7.2 55
275	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	6.2 54
274	Improving MR brain image segmentation using self-organising maps and entropy-gradient clustering. <i>Information Sciences</i> , 2014 , 262, 117-136	7.7 52
273	Digital image analysis for automatic enumeration of malaria parasites using morphological operations. <i>Expert Systems With Applications</i> , 2015 , 42, 3041-3047	7.8 51
272	A Novel LMS Algorithm Applied to Adaptive Noise Cancellation. <i>IEEE Signal Processing Letters</i> , 2009 , 16, 34-37	3.2 50
271	Alzheimer's diagnosis using eigenbrains and support vector machines. <i>Electronics Letters</i> , 2009 , 45, 342	1.1 49
270	Feature selection using factor analysis for Alzheimer's diagnosis using 18F-FDG PET images. <i>Medical Physics</i> , 2010 , 37, 6084-95	4.4 49
269	Convolutional Neural Networks for Neuroimaging in Parkinson's Disease: Is Preprocessing Needed?. <i>International Journal of Neural Systems</i> , 2018 , 28, 1850035	6.2 48
268	A comparative study of feature extraction methods for the diagnosis of Alzheimer's disease using the ADNI database. <i>Neurocomputing</i> , 2012 , 75, 64-71	5.4 48
267	Improved parkinsonism diagnosis using a partial least squares based approach. <i>Medical Physics</i> , 2012 , 39, 4395-403	4.4 48
266	Application of Empirical Mode Decomposition (EMD) on DaTSCAN SPECT images to explore Parkinson Disease. <i>Expert Systems With Applications</i> , 2013 , 40, 2756-2766	7.8 47
265	Computer aided diagnosis of Alzheimer's disease using component based SVM. <i>Applied Soft Computing Journal</i> , 2011 , 11, 2376-2382	7.5 47
264	Automatic detection of Parkinsonism using significance measures and component analysis in DaTSCAN imaging. <i>Neurocomputing</i> , 2014 , 126, 58-70	5.4 42
263	SVM-based speech endpoint detection using contextual speech features. <i>Electronics Letters</i> , 2006 , 42, 426	1.1 42
262	Segmentation of brain MRI using SOM-FCM-based method and 3D statistical descriptors. <i>Computational and Mathematical Methods in Medicine</i> , 2013 , 2013, 638563	2.8 40

261	Association rule-based feature selection method for Alzheimer's disease diagnosis. <i>Expert Systems With Applications</i> , 2012 , 39, 11766-11774	7.8	39
260	Parametrization of textural patterns in 123I-ioflupane imaging for the automatic detection of Parkinsonism. <i>Medical Physics</i> , 2014 , 41, 012502	4.4	38
259	Computer-aided diagnosis of Alzheimer's disease using support vector machines and classification trees. <i>Physics in Medicine and Biology</i> , 2010 , 55, 2807-17	3.8	38
258	Applications of deep learning techniques for automated multiple sclerosis detection using magnetic resonance imaging: A review. <i>Computers in Biology and Medicine</i> , 2021 , 136, 104697	7	38
257	Automatic selection of ROIs in functional imaging using Gaussian mixture models. <i>Neuroscience Letters</i> , 2009 , 460, 108-11	3.3	36
256	Ensemble of random forests One vs. Rest classifiers for MCI and AD prediction using ANOVA cortical and subcortical feature selection and partial least squares. <i>Journal of Neuroscience Methods</i> , 2018 , 302, 47-57	3	35
255	Exploratory graphical models of functional and structural connectivity patterns for Alzheimer's Disease diagnosis. <i>Frontiers in Computational Neuroscience</i> , 2015 , 9, 132	3.5	35
254	Projecting independent components of SPECT images for computer aided diagnosis of Alzheimer's disease. <i>Pattern Recognition Letters</i> , 2010 , 31, 1342-1347	4.7	34
253	Improving MRI segmentation with probabilistic GHSOM and multiobjective optimization. <i>Neurocomputing</i> , 2013 , 114, 118-131	5.4	32
252	Linear intensity normalization of FP-CIT SPECT brain images using the stable distribution. <i>NeuroImage</i> , 2013 , 65, 449-55	7.9	32
251	Analysis of SPECT brain images for the diagnosis of Alzheimer's disease using moments and support vector machines. <i>Neuroscience Letters</i> , 2009 , 461, 60-4	3.3	32
250	Early diagnosis of Alzheimer's disease based on Partial Least Squares and Support Vector Machine. <i>Expert Systems With Applications</i> , 2013 , 40, 677-683	7.8	31
249	Wagyromag: Wireless sensor network for monitoring and processing human body movement in healthcare applications. <i>Journal of Systems Architecture</i> , 2011 , 57, 905-915	5.5	31
248	SPECT image classification using random forests. <i>Electronics Letters</i> , 2009 , 45, 604	1.1	31
247	Parkinson's Disease Detection Using Isosurfaces-Based Features and Convolutional Neural Networks. <i>Frontiers in Neuroinformatics</i> , 2019 , 13, 48	3.9	30
246	Detection of (in)activity periods in human body motion using inertial sensors: a comparative study. <i>Sensors</i> , 2012 , 12, 5791-814	3.8	30
245	Classification of functional brain images using a GMM-based multi-variate approach. <i>Neuroscience Letters</i> , 2010 , 474, 58-62	3.3	29
244	Denoising using local projective subspace methods. <i>Neurocomputing</i> , 2006 , 69, 1485-1501	5.4	29

243	Hard C-means clustering for voice activity detection. <i>Speech Communication</i> , 2006 , 48, 1638-1649	2.8	28
242	On the brain structure heterogeneity of autism: Parsing out acquisition site effects with significance-weighted principal component analysis. <i>Human Brain Mapping</i> , 2017 , 38, 1208-1223	5.9	27
241	Integrating discretization and association rule-based classification for Alzheimer's disease diagnosis. <i>Expert Systems With Applications</i> , 2013 , 40, 1571-1578	7.8	26
240	Efficient mining of association rules for the early diagnosis of Alzheimer's disease. <i>Physics in Medicine and Biology</i> , 2011 , 56, 6047-63	3.8	26
239	Improved Voice Activity Detection Using Contextual Multiple Hypothesis Testing for Robust Speech Recognition. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2007 , 15, 2177-2189		26
238	Higher-order statistics to detect and characterise termite emissions. <i>Electronics Letters</i> , 2004 , 40, 1316	1.1	25
237	Effective Emission Tomography Image Reconstruction Algorithms for SPECT Data. <i>Lecture Notes in Computer Science</i> , 2008 , 741-748	0.9	25
236	Building a FP-CIT SPECT Brain Template Using a Posterization Approach. <i>Neuroinformatics</i> , 2015 , 13, 391-402	3.2	24
235	Robust Ensemble Classification Methodology for I123-Ioflupane SPECT Images and Multiple Heterogeneous Biomarkers in the Diagnosis of Parkinson's Disease. <i>Frontiers in Neuroinformatics</i> , 2018 , 12, 53	3.9	23
234	Identifying endophenotypes of autism: a multivariate approach. <i>Frontiers in Computational Neuroscience</i> , 2014 , 8, 60	3.5	23
233	Automatic computer aided diagnosis tool using component-based SVM 2008 ,		23
232	Combining PET images and neuropsychological test data for automatic diagnosis of Alzheimer's disease. <i>PLoS ONE</i> , 2014 , 9, e88687	3.7	23
231	Case-Based Statistical Learning: A Non-Parametric Implementation With a Conditional-Error Rate SVM. <i>IEEE Access</i> , 2017 , 5, 11468-11478	3.5	22
230	Automatic ROI selection in structural brain MRI using SOM 3D projection. <i>PLoS ONE</i> , 2014 , 9, e93851	3.7	22
229	An effective cluster-based model for robust speech detection and speech recognition in noisy environments. <i>Journal of the Acoustical Society of America</i> , 2006 , 120, 470-81	2.2	22
228	A Spherical Brain Mapping of MR Images for the Detection of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2016 , 13, 575-88	3	22
227	A Structural Parametrization of the Brain Using Hidden Markov Models-Based Paths in Alzheimer's Disease. <i>International Journal of Neural Systems</i> , 2016 , 26, 1650024	6.2	21
226	Functional activity maps based on significance measures and Independent Component Analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2013 , 111, 255-68	6.9	19

225	Multivariate Analysis of F-DMFP PET Data to Assist the Diagnosis of Parkinsonism. <i>Frontiers in Neuroinformatics</i> , 2017 , 11, 23	3.9	19
224	High-efficiency low-cost accelerometer-aided gyroscope calibration 2009 ,		19
223	A new model for time-series forecasting using radial basis functions and exogenous data. <i>Neural Computing and Applications</i> , 2004 , 13, 101-111	4.8	19
222	Improved MO-LRT VAD based on bispectra Gaussian model. <i>Electronics Letters</i> , 2005 , 41, 877	1.1	19
221	P300 brainwave extraction from EEG signals: An unsupervised approach. <i>Expert Systems With Applications</i> , 2017 , 74, 1-10	7.8	18
220	Regions of interest computed by SVM wrapped method for Alzheimer's disease examination from segmented MRI. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 20	5.3	18
219	Speech/non-speech discrimination based on contextual information integrated bispectrum LRT. <i>IEEE Signal Processing Letters</i> , 2006 , 13, 497-500	3.2	18
218	Using deep neural networks along with dimensionality reduction techniques to assist the diagnosis of neurodegenerative disorders. <i>Logic Journal of the IGPL</i> , 2018 , 26, 618-628	1	18
217	Advances in Data Preprocessing for Biomedical Data Fusion: An Overview of the Methods, Challenges, and Prospects. <i>Information Fusion</i> , 2021 , 76, 376-421	16.7	18
216	On the empirical mode decomposition applied to the analysis of brain SPECT images. <i>Expert Systems With Applications</i> , 2012 , 39, 13451-13461	7.8	17
215	Automatic determination of validity of input data used in ellipsoid fitting MARG calibration algorithms. <i>Sensors</i> , 2013 , 13, 11797-817	3.8	17
214	Accurate human limb angle measurement: sensor fusion through Kalman, least mean squares and recursive least-squares adaptive filtering. <i>Measurement Science and Technology</i> , 2011 , 22, 025801	2	17
213	MR brain image segmentation by growing hierarchical SOM and probability clustering. <i>Electronics Letters</i> , 2011 , 47, 585	1.1	17
212	Prediction of CO maximum ground level concentrations in the Bay of Algeciras, Spain using artificial neural networks. <i>Chemosphere</i> , 2008 , 70, 1190-5	8.4	17
211	Automatic Diagnosis of Schizophrenia in EEG Signals Using CNN-LSTM Models.. <i>Frontiers in Neuroinformatics</i> , 2021 , 15, 777977	3.9	17
210	A Machine Learning Approach to Reveal the NeuroPhenotypes of Autisms. <i>International Journal of Neural Systems</i> , 2019 , 29, 1850058	6.2	16
209	Distinguishing Parkinson's disease from atypical parkinsonian syndromes using PET data and a computer system based on support vector machines and Bayesian networks. <i>Frontiers in Computational Neuroscience</i> , 2015 , 9, 137	3.5	15
208	Analysis of SPECT brain images for the diagnosis of Alzheimer's disease based on NMF for feature extraction. <i>Neuroscience Letters</i> , 2010 , 479, 192-6	3.3	15

207	Unsupervised Neural Techniques Applied to MR Brain Image Segmentation. <i>Advances in Artificial Neural Systems</i> , 2012 , 2012, 1-7		14
206	Jointly Gaussian PDF-Based Likelihood Ratio Test for Voice Activity Detection. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2008 , 16, 1565-1578		14
205	Comparison between Different Intensity Normalization Methods in 123I-Ioflupane Imaging for the Automatic Detection of Parkinsonism. <i>PLoS ONE</i> , 2015 , 10, e0130274	3.7	14
204	A 3D Convolutional Neural Network Approach for the Diagnosis of Parkinson's Disease. <i>Lecture Notes in Computer Science</i> , 2017 , 324-333	0.9	14
203	Alzheimer's Disease Computer-Aided Diagnosis: Histogram-Based Analysis of Regional MRI Volumes for Feature Selection and Classification. <i>Journal of Alzheimer's Disease</i> , 2018 , 65, 819-842	4.3	14
202	Parameterization of the distribution of white and grey matter in MRI using the stable distribution. <i>Computers in Biology and Medicine</i> , 2013 , 43, 559-67	7	13
201	Improved likelihood ratio test based voice activity detector applied to speech recognition. <i>Speech Communication</i> , 2010 , 52, 664-677	2.8	13
200	Functional brain image classification using association rules defined over discriminant regions. <i>Pattern Recognition Letters</i> , 2012 , 33, 1666-1672	4.7	12
199	Automated Diagnosis of Parkinsonian Syndromes by Deep Sparse Filtering-Based Features. <i>Smart Innovation, Systems and Technologies</i> , 2016 , 249-258	0.5	12
198	Using frequency analysis to improve the precision of human body posture algorithms based on Kalman filters. <i>Computers in Biology and Medicine</i> , 2016 , 72, 229-38	7	11
197	Intensity normalization of DaTSCAN SPECT imaging using a model-based clustering approach. <i>Applied Soft Computing Journal</i> , 2015 , 37, 234-244	7.5	11
196	Morphological Characterization of Functional Brain Imaging by Isosurface Analysis in Parkinson's Disease. <i>International Journal of Neural Systems</i> , 2020 , 30, 2050044	6.2	11
195	Computer aided diagnosis of the Alzheimer's disease combining SPECT-based feature selection and random forest classifiers 2009 ,		11
194	Hybridizing sparse component analysis with genetic algorithms for microarray analysis. <i>Neurocomputing</i> , 2008 , 71, 2356-2376	5.4	11
193	Generalized LRT-Based Voice Activity Detector. <i>IEEE Signal Processing Letters</i> , 2006 , 13, 636-639	3.2	11
192	Assisted Diagnosis of Parkinsonism Based on the Striatal Morphology. <i>International Journal of Neural Systems</i> , 2019 , 29, 1950011	6.2	10
191	On the computation of distribution-free performance bounds: Application to small sample sizes in neuroimaging. <i>Pattern Recognition</i> , 2019 , 93, 1-13	7.7	10
190	Intensity normalization in the analysis of functional DaTSCAN SPECT images: The stable distribution-based normalization method vs other approaches. <i>Neurocomputing</i> , 2015 , 150, 4-15	5.4	10

189	Learning Longitudinal MRI Patterns by SICE and Deep Learning: Assessing the Alzheimer's Disease Progression. <i>Communications in Computer and Information Science</i> , 2017 , 413-424	0.3	10
188	Alzheimer's Diagnosis Using Eigenbrains and Support Vector Machines. <i>Lecture Notes in Computer Science</i> , 2009 , 973-980	0.9	10
187	Empirical Functional PCA for 3D Image Feature Extraction Through Fractal Sampling. <i>International Journal of Neural Systems</i> , 2019 , 29, 1850040	6.2	10
186	Automated Detection and Segmentation of Nonmass-Enhancing Breast Tumors with Dynamic Contrast-Enhanced Magnetic Resonance Imaging. <i>Contrast Media and Molecular Imaging</i> , 2018 , 2018, 5308517	3.2	10
185	NAGNN: Classification of COVID-19 based on neighboring aware representation from deep graph neural network. <i>International Journal of Intelligent Systems</i> ,	8.4	10
184	EEG Connectivity Analysis Using Denoising Autoencoders for the Detection of Dyslexia. <i>International Journal of Neural Systems</i> , 2020 , 30, 2050037	6.2	9
183	Machine-learning neuroimaging challenge for automated diagnosis of mild cognitive impairment: Lessons learnt. <i>Journal of Neuroscience Methods</i> , 2018 , 302, 10-13	3	9
182	A semi-supervised learning approach for model selection based on class-hypothesis testing. <i>Expert Systems With Applications</i> , 2017 , 90, 40-49	7.8	9
181	Functional Brain Imaging Synthesis Based on Image Decomposition and Kernel Modeling: Application to Neurodegenerative Diseases. <i>Frontiers in Neuroinformatics</i> , 2017 , 11, 65	3.9	9
180	Spatial component analysis of MRI data for Alzheimer's disease diagnosis: a Bayesian network approach. <i>Frontiers in Computational Neuroscience</i> , 2014 , 8, 156	3.5	9
179	Alzheimer's disease detection in functional images using 2D Gabor wavelet analysis. <i>Electronics Letters</i> , 2010 , 46, 556	1.1	9
178	An Application of ICA to Identify Vibratory Low-Level Signals Generated by Termites. <i>Lecture Notes in Computer Science</i> , 2004 , 1126-1133	0.9	9
177	Automatic System for Alzheimer's Disease Diagnosis Using Eigenbrains and Bayesian Classification Rules. <i>Lecture Notes in Computer Science</i> , 2009 , 949-956	0.9	9
176	Wavelets and Wavelet Packets Applied to Termite Detection. <i>Lecture Notes in Computer Science</i> , 2005 , 900-907	0.9	9
175	An overview of artificial intelligence techniques for diagnosis of Schizophrenia based on magnetic resonance imaging modalities: Methods, challenges, and future works.. <i>Computers in Biology and Medicine</i> , 2022 , 146, 105554	7	9
174	Discriminative Sparse Features for Alzheimer's Disease Diagnosis Using Multimodal Image Data. <i>Current Alzheimer Research</i> , 2018 , 15, 67-79	3	8
173	Texture Features Based Detection of Parkinson's Disease on DaTSCAN Images. <i>Lecture Notes in Computer Science</i> , 2013 , 266-277	0.9	8
172	Speech enhancement in discontinuous transmission systems using the constrained-stability least-mean-squares algorithm. <i>Journal of the Acoustical Society of America</i> , 2008 , 124, 3669-83	2.2	8

171	Wavelets and wavelet packets applied to detect and characterize transient alarm signals from termites. <i>Measurement: Journal of the International Measurement Confederation</i> , 2006 , 39, 553-564	4.6	8
170	Hybridizing Genetic Algorithms with ICA in Higher Dimension. <i>Lecture Notes in Computer Science</i> , 2004 , 414-421	0.9	8
169	Autosomal Dominantly Inherited Alzheimer Disease: Analysis of genetic subgroups by Machine Learning. <i>Information Fusion</i> , 2020 , 58, 153-167	16.7	8
168	Deep residual transfer learning for automatic diagnosis and grading of diabetic retinopathy. <i>Neurocomputing</i> , 2021 , 452, 424-434	5.4	8
167	Optimized One vs One Approach in Multiclass Classification for Early Alzheimer's Disease and Mild Cognitive Impairment Diagnosis. <i>IEEE Access</i> , 2020 , 8, 96981-96993	3.5	7
166	Deep Convolutional Autoencoders vs PCA in a Highly-Unbalanced Parkinson's Disease Dataset: A DaTSCAN Study. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 47-56	0.4	7
165	Component-based technique for determining the effects of acupuncture for fighting migraine using SPECT images. <i>Expert Systems With Applications</i> , 2013 , 40, 44-51	7.8	7
164	MRI Brain Image Segmentation with Supervised SOM and Probability-Based Clustering Method. <i>Lecture Notes in Computer Science</i> , 2011 , 49-58	0.9	7
163	Statistical voice activity detection based on integrated bispectrum likelihood ratio tests for robust speech recognition. <i>Journal of the Acoustical Society of America</i> , 2007 , 121, 2946-58	2.2	7
162	Automatic Classification System for the Diagnosis of Alzheimer Disease Using Component-Based SVM Aggregations. <i>Lecture Notes in Computer Science</i> , 2009 , 402-409	0.9	7
161	Selecting Regions of Interest in SPECT Images Using Wilcoxon Test for the Diagnosis of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2010 , 446-451	0.9	7
160	Artificial intelligence in radiology: relevance of collaborative work between radiologists and engineers for building a multidisciplinary team. <i>Clinical Radiology</i> , 2021 , 76, 317-324	2.9	7
159	Periodogram Connectivity of EEG Signals for the Detection of Dyslexia. <i>Lecture Notes in Computer Science</i> , 2019 , 350-359	0.9	6
158	Bilateral symmetry aspects in computer-aided Alzheimer's disease diagnosis by single-photon emission-computed tomography imaging. <i>Artificial Intelligence in Medicine</i> , 2012 , 56, 191-8	7.4	6
157	2012 ,		6
156	SPECT image classification based on NMSE feature correlation weighting and SVM 2009 ,		6
155	Optimizing blind source separation with guided genetic algorithms. <i>Neurocomputing</i> , 2006 , 69, 1442-1457	7.4	6
154	Early Detection of the Alzheimer Disease Combining Feature Selection and Kernel Machines. <i>Lecture Notes in Computer Science</i> , 2009 , 410-417	0.9	6

153	Usefulness of Dual-Point Amyloid PET Scans in Appropriate Use Criteria: A Multicenter Study. <i>Journal of Alzheimer's Disease</i> , 2018 , 65, 765-779	4.3	6
152	Application of fuzzy logic for Alzheimer's disease diagnosis 2015 ,		5
151	Preprocessing of F-DMFP-PET Data Based on Hidden Markov Random Fields and the Gaussian Distribution. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 326	5.3	5
150	BIDIMENSIONAL ENSEMBLE EMPIRICAL MODE DECOMPOSITION OF FUNCTIONAL BIOMEDICAL IMAGES. <i>Advances in Adaptive Data Analysis</i> , 2014 , 06, 1450004		5
149	Multivariate approaches for Alzheimer's disease diagnosis using Bayesian classifiers 2009 ,		5
148	Data fusion based on Searchlight analysis for the prediction of Alzheimer's disease. <i>Expert Systems With Applications</i> , 2021 , 185, 115549	7.8	5
147	Ensemble Tree Learning Techniques for Magnetic Resonance Image Analysis. <i>Smart Innovation, Systems and Technologies</i> , 2016 , 395-404	0.5	4
146	Assessing Mild Cognitive Impairment Progression using a Spherical Brain Mapping of Magnetic Resonance Imaging. <i>Journal of Alzheimer's Disease</i> , 2018 , 65, 713-729	4.3	4
145	Analysis of 18F-DMFP PET data using multikernel classification in order to assist the diagnosis of Parkinsonism 2015 ,		4
144	Independent Component Analysis-Based Classification of Alzheimer's Disease from Segmented MRI Data. <i>Lecture Notes in Computer Science</i> , 2015 , 78-87	0.9	4
143	Real time QRS detection based on M-ary likelihood ratio test on the DFT coefficients. <i>PLoS ONE</i> , 2014 , 9, e110629	3.7	4
142	Effective diagnosis of Alzheimer's disease by means of large margin-based methodology. <i>BMC Medical Informatics and Decision Making</i> , 2012 , 12, 79	3.6	4
141	Elitist genetic algorithm guided by higher order statistic for blind separation of digital signals 2010 ,		4
140	Early Alzheimer's disease diagnosis using partial least squares and random forests 2010 ,		4
139	Neurological image classification for the Alzheimer's Disease diagnosis using Kernel PCA and Support Vector Machines 2009 ,		4
138	Clustering approach for the classification of SPECT images 2008 ,		4
137	Revised Contextual LRT for Voice Activity Detection 2007 ,		4
136	Preliminary Study on Unilateral Sensorineural Hearing Loss Identification via Dual-Tree Complex Wavelet Transform and Multinomial Logistic Regression. <i>Lecture Notes in Computer Science</i> , 2017 , 289-297	0.9	4

135	Support Vector Machines and Neural Networks for the Alzheimer's Disease Diagnosis Using PCA. <i>Lecture Notes in Computer Science, 2009</i> , 142-149	0.9	4
134	Functional Brain Image Classification Techniques for Early Alzheimer Disease Diagnosis. <i>Lecture Notes in Computer Science, 2009</i> , 150-157	0.9	4
133	Classification of SPECT Images Using Clustering Techniques Revisited. <i>Lecture Notes in Computer Science, 2009</i> , 168-178	0.9	4
132	Multiclass classification of 18F-DMFP-PET data to assist the diagnosis of parkinsonism 2016 ,		4
131	Linear intensity normalization of DaTSCAN images using Mean Square Error and a model-based clustering approach. <i>Studies in Health Technology and Informatics, 2014</i> , 207, 251-60	0.5	4
130	Label aided deep ranking for the automatic diagnosis of Parkinsonian syndromes. <i>Neurocomputing, 2019</i> , 330, 162-171	5.4	3
129	Fuzzy computer-aided diagnosis of Alzheimer's disease using MRI and PET statistical features 2016 ,		3
128	Using CT Data to Improve the Quantitative Analysis of F-FBB PET Neuroimages. <i>Frontiers in Aging Neuroscience, 2018</i> , 10, 158	5.3	3
127	Improving the convergence rate in affine registration of PET and SPECT brain images using histogram equalization. <i>Computational and Mathematical Methods in Medicine, 2013</i> , 2013, 760903	2.8	3
126	Two approaches to selecting set of voxels for the diagnosis of Alzheimer's disease using brain SPECT images 2011 , 21, 746-755		3
125	Hybridizing Sparse Component Analysis with Genetic Algorithms for Blind Source Separation. <i>Lecture Notes in Computer Science, 2005</i> , 137-148	0.9	3
124	Assessing the Performance of Several Fitness Functions in a Genetic Algorithm for Nonlinear Separation of Sources. <i>Lecture Notes in Computer Science, 2005</i> , 863-872	0.9	3
123	Combining Feature Extraction Methods to Assist the Diagnosis of Alzheimer's Disease. <i>Current Alzheimer Research, 2016</i> , 13, 831-7	3	3
122	New Model for Time-Series Forecasting Using RBFs and Exogenous Data 2003 , 3-12		3
121	Effective Detection of the Alzheimer Disease by Means of Coronal NMSE SVM Feature Classification. <i>Lecture Notes in Computer Science, 2009</i> , 337-344	0.9	3
120	SPECT Image Classification Techniques for Computer Aided Diagnosis of the Alzheimer Disease. <i>Lecture Notes in Computer Science, 2009</i> , 941-948	0.9	3
119	Effective Diagnosis of Alzheimer's Disease by Means of Association Rules. <i>Lecture Notes in Computer Science, 2010</i> , 452-459	0.9	3
118	SVM with Bounds of Confidence and PLS for Quantifying the Effects of Acupuncture on Migraine Patients. <i>Lecture Notes in Computer Science, 2011</i> , 132-139	0.9	3

117	Effective Diagnosis of Alzheimer's Disease by Means of Distance Metric Learning and Random Forest. <i>Lecture Notes in Computer Science</i> , 2011 , 59-67	0.9	3
116	Computer-Aided Diagnosis in Neuroimaging 2016 ,		3
115	Improving short-term prediction from MCI to AD by applying searchlight analysis 2016 ,		3
114	Recognition of Insect Emissions Applying the Discrete Wavelet Transform. <i>Lecture Notes in Computer Science</i> , 2005 , 505-513	0.9	3
113	Case-based statistical learning applied to SPECT image classification 2017 ,		2
112	Multivariate Pattern Analysis of Electroencephalography Data in a Demand-Selection Task. <i>Lecture Notes in Computer Science</i> , 2019 , 403-411	0.9	2
111	Assisting the Diagnosis of Neurodegenerative Disorders Using Principal Component Analysis and TensorFlow. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 43-52	0.4	2
110	A proposed computer-aided diagnosis system for Parkinson's disease classification using 123I-FP-CIT imaging 2017 ,		2
109	A Volumetric Radial LBP Projection of MRI Brain Images for the Diagnosis of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2015 , 19-28	0.9	2
108	Skewness as feature for the diagnosis of Alzheimer's disease using SPECT images 2009 ,		2
107	Automatic selection of ROIs using a model-based clustering approach 2009 ,		2
106	SVM-Enabled Voice Activity Detection. <i>Lecture Notes in Computer Science</i> , 2006 , 676-681	0.9	2
105	Speech Event Detection Using Support Vector Machines. <i>Lecture Notes in Computer Science</i> , 2006 , 356-363	0.9	2
104	Simulated Annealing Based-GA Using Injective Contrast Functions for BSS. <i>Lecture Notes in Computer Science</i> , 2005 , 585-592	0.9	2
103	An Optimal Approach for Selecting Discriminant Regions for the Diagnosis of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2016 , 13, 838-44	3	2
102	A Vector Quantization-Based Spike Compression Approach Dedicated to Multichannel Neural Recording Microsystems.. <i>International Journal of Neural Systems</i> , 2021 , 2250001	6.2	2
101	BOLD Coupling between Lesioned and Healthy Brain Is Associated with Glioma Patients' Recovery. <i>Cancers</i> , 2021 , 13,	6.6	2
100	Comparison Between Affine and Non-affine Transformations Applied to ^{123}I -FP-CIT SPECT Images Used for Parkinson's Disease Diagnosis. <i>Lecture Notes in Computer Science</i> , 2019 , 379-388	0.9	2

99	Automatic Separation of Parkinsonian Patients and Control Subjects Based on the Striatal Morphology. <i>Lecture Notes in Computer Science</i> , 2017 , 345-352	0.9	2
98	An Efficient VAD Based on a Generalized Gaussian PDF 2007 , 246-254		2
97	Computer Aided Diagnosis of Alzheimer Disease Using Support Vector Machines and Classification Trees. <i>Lecture Notes in Computer Science</i> , 2009 , 418-425	0.9	2
96	Brain Status Data Analysis by Sliding EMD. <i>Lecture Notes in Computer Science</i> , 2011 , 77-86	0.9	2
95	Evaluating Alzheimer's Disease Diagnosis Using Texture Analysis. <i>Communications in Computer and Information Science</i> , 2017 , 470-481	0.3	2
94	Why Using the Alpha-stable Distribution in Neuroimage? 2014 ,		2
93	Magnetic resonance image classification using nonnegative matrix factorization and ensemble tree learning techniques 2016 ,		2
92	Multimodal image data fusion for Alzheimer's Disease diagnosis by sparse representation. <i>Studies in Health Technology and Informatics</i> , 2014 , 207, 11-8	0.5	2
91	Quantifying Differences Between Affine and Nonlinear Spatial Normalization of FP-CIT Spect Images.. <i>International Journal of Neural Systems</i> , 2022 , 2250019	6.2	2
90	PET Image Classification Using HHT-Based Features Through Fractal Sampling. <i>Lecture Notes in Computer Science</i> , 2017 , 314-323	0.9	1
89	Fuzzy classification of Alzheimer's disease using statistical moments 2015 ,		1
88	Multivariate Pattern Analysis Techniques for Electroencephalography Data to Study Flanker Interference Effects. <i>International Journal of Neural Systems</i> , 2020 , 30, 2050024	6.2	1
87	MRI brain segmentation using hidden Markov random fields with alpha-stable distributions 2016 ,		1
86	Classification Improvement for Parkinson's Disease Diagnosis Using the Gradient Magnitude in DaTSCAN SPECT Images. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 100-109	0.4	1
85	Automatic Differentiation between Alzheimer's Disease and Mild Cognitive Impairment Combining PET Data and Psychological Scores 2013 ,		1
84	A Heavy Tailed Expectation Maximization Hidden Markov Random Field Model with Applications to Segmentation of MRI. <i>Frontiers in Neuroinformatics</i> , 2017 , 11, 66	3.9	1
83	Short-term MCI-to-AD prediction using MRI, neuropsychological scores and ensemble tree learning techniques 2015 ,		1
82	Applications of Gaussian mixture models and mean squared error within DatSCAN SPECT imaging 2014 ,		1

81	fMRI data analysis using a novel clustering technique 2009 ,		1
80	A DSP embedded system. Application to digital communication systems 2012 ,		1
79	Empirical Mode Decomposition as a feature extraction method for Alzheimer's Disease Diagnosis 2012 ,		1
78	Intensity normalization of FP-CIT SPECT in patients with Parkinsonism using the stable distribution 2012 ,		1
77	Higher-order spectral characterization of termite emissions using acoustic emission probes 2007 ,		1
76	Plugging an Histogram-Based Contrast Function on a Genetic Algorithm for Solving PostNonLinear-BSS. <i>Lecture Notes in Computer Science</i> , 2004 , 758-765	0.9	1
75	Characterization of the Sources in Convolutional Mixtures: A Cumulant-Based Approach. <i>Lecture Notes in Computer Science</i> , 2004 , 586-593	0.9	1
74	Voice Activity Detection Using Higher Order Statistics. <i>Lecture Notes in Computer Science</i> , 2005 , 837-844	0.9	1
73	Wavelets Transforms Applied to Termite Detection 2005 ,		1
72	MVPAlab: A machine learning decoding toolbox for multidimensional electroencephalography data.. <i>Computer Methods and Programs in Biomedicine</i> , 2021 , 214, 106549	6.9	1
71	Bispectra Analysis-Based VAD for Robust Speech Recognition. <i>Lecture Notes in Computer Science</i> , 2005 , 567-576	0.9	1
70	Fuzzy Logic Speech/Non-speech Discrimination for Noise Robust Speech Processing. <i>Lecture Notes in Computer Science</i> , 2006 , 395-402	0.9	1
69	Independent Component Analysis Applied to Voice Activity Detection. <i>Lecture Notes in Computer Science</i> , 2006 , 234-241	0.9	1
68	On the Performance of a HOS-Based ICA Algorithm in BSS of Acoustic Emission Signals. <i>Lecture Notes in Computer Science</i> , 2006 , 400-405	0.9	1
67	Long Short-Term Memory Networks for the Prediction of Transformer Temperature for Energy Distribution Smart Grids. <i>Contributions To Statistics</i> , 2020 , 319-331	0.1	1
66	Isosurface Modelling of DatSCAN Images for Parkinson Disease Diagnosis. <i>Lecture Notes in Computer Science</i> , 2019 , 360-368	0.9	1
65	On a Heavy-Tailed Intensity Normalization of the Parkinson Progression Markers Initiative Brain Database. <i>Lecture Notes in Computer Science</i> , 2017 , 298-304	0.9	1
64	Retinal Blood Vessel Segmentation by Multi-channel Deep Convolutional Autoencoder. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 37-46	0.4	1

63	Computer Aided Diagnosis of Alzheimer's Disease Using Principal Component Analysis and Bayesian Classifiers. <i>Advances in Intelligent and Soft Computing</i> , 2009 , 213-221		1
62	Selecting Regions of Interest for the Diagnosis of Alzheimer's Disease in Brain SPECT Images Using Welch's t-Test. <i>Lecture Notes in Computer Science</i> , 2009 , 965-972	0.9	1
61	Partial Least Squares for Feature Extraction of SPECT Images. <i>Lecture Notes in Computer Science</i> , 2010 , 476-483	0.9	1
60	Sensor Fusion Adaptive Filtering for Position Monitoring in Intense Activities. <i>Lecture Notes in Computer Science</i> , 2010 , 484-491	0.9	1
59	Bayesian Segmentation of Magnetic Resonance Images Using the Stable Distribution. <i>Lecture Notes in Computer Science</i> , 2011 , 99-106	0.9	1
58	Distance Metric Learning as Feature Reduction Technique for the Alzheimer's Disease Diagnosis. <i>Lecture Notes in Computer Science</i> , 2011 , 68-76	0.9	1
57	Automatic ROI Selection Using SOM Modelling in Structural Brain MRI. <i>Lecture Notes in Computer Science</i> , 2013 , 278-285	0.9	1
56	Exploring Symmetry to Assist Alzheimer's Disease Diagnosis. <i>Lecture Notes in Computer Science</i> , 2010 , 516-523	0.9	1
55	Erratum to "Unsupervised Neural Techniques Applied to MR Brain Image Segmentation" <i>Advances in Artificial Neural Systems</i> , 2013 , 2013, 1-1		1
54	[123]FP-CIT SPECT brain imaging for Parkinson's diagnosis using contour lines 2018 ,		1
53	Bispectrum Estimators for Voice Activity Detection and Speech Recognition. <i>Lecture Notes in Computer Science</i> , 2006 , 174-185	0.9	1
52	GA-ICA algorithms applied to image processing 2005 , 1269-1277		1
51	Matched Filter as Pre-processing Tool for Multi-user Detection in DS-CDMA System. <i>Lecture Notes in Computer Science</i> , 2005 , 845-849	0.9	0
50	Accurate Human Limb Angle Measurement in Telerehabilitation: Sensor Fusion through Kalman, LMS and RLS Adaptive Filtering. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 97-104		0
49	New insights into the evaluation of peripheral nerves lesions: a survival guide for beginners.. <i>Neuroradiology</i> , 2022 , 64, 875	3.2	0
48	Tiled Sparse Coding in Eigenspaces for Image Classification.. <i>International Journal of Neural Systems</i> , 2021 , 2250007	6.2	0
47	Automatic Diagnosis of Myocarditis in Cardiac Magnetic Images Using CycleGAN and Deep PreTrained Models. <i>Lecture Notes in Computer Science</i> , 2022 , 145-155	0.9	0
46	Automatic Diagnosis of Schizophrenia in EEG Signals Using Functional Connectivity Features and CNN-LSTM Model. <i>Lecture Notes in Computer Science</i> , 2022 , 63-73	0.9	0

- 45 Case-Based Statistical Learning: A Non Parametric Implementation Applied to SPECT Images. *Lecture Notes in Computer Science*, **2017**, 305-313 0.9
- 44 Feature Extraction **2017**, 1-9
- 43 3D Gabor Filters for Chest Segmentation in DCE-MRI. *Lecture Notes in Computer Science*, **2018**, 446-454 0.9
- 42 Case-Based Support Vector Optimization for Medical-Imaging Imbalanced Datasets. *Advances in Intelligent Systems and Computing*, **2019**, 221-229 0.4
- 41 Automated Diagnosis of Alzheimer's Disease by Integrating Genetic Biomarkers and Tissue Density Information. *Lecture Notes in Computer Science*, **2015**, 1-8 0.9
- 40 A Decision Support System for the assisted diagnosis of brain tumors: a feasibility study for 18 F-FDG PET preclinical studies. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2012**, 2012, 4255-6 0.9
- 39 Advances in Unsupervised Learning Techniques Applied to Biosciences and Medicine. *Advances in Artificial Neural Systems*, **2012**, 2012, 1-2
- 38 Maximization of statistical moments for blind separation of sources revisited. *Neurocomputing*, **2006**, 69, 1425-1434 5.4
- 37 Guided GA-ICA Algorithms. *Lecture Notes in Computer Science*, **2005**, 943-948 0.9
- 36 A Genetic Algorithm for Solving BSS-ICA **2006**, 389-398
- 35 Two ICA Algorithms Applied to BSS in Non-destructive Vibratory Tests. *Lecture Notes in Computer Science*, **2006**, 221-229 0.9
- 34 Theoretical Method for Solving BSS-ICA Using SVM. *Lecture Notes in Computer Science*, **2004**, 256-262 0.9
- 33 Online Algorithm for Time Series Prediction Based on Support Vector Machine Philosophy. *Lecture Notes in Computer Science*, **2004**, 50-57 0.9
- 32 Analysis of Variance of Three Contrast Functions in a Genetic Algorithm for Non-linear Blind Source Separation. *Lecture Notes in Computer Science*, **2005**, 1043-1050 0.9
- 31 Convergence Analysis of a GA-ICA Algorithm. *Lecture Notes in Computer Science*, **2005**, 54-62 0.9
- 30 Power Transients Characterization and Classification Using Higher-Order Cumulants and Competitive Layers. *Lecture Notes in Computer Science*, **2007**, 782-789 0.9
- 29 An Efficient VAD Based on a Hang-Over Scheme and a Likelihood Ratio Test **2007**, 31-38
- 28 Improved Likelihood Ratio Test Detector Using a Jointly Gaussian Probability Distribution Function. *Lecture Notes in Computer Science*, **2007**, 37-44 0.9

27	Bispectrum-Based Statistical Tests for VAD. <i>Lecture Notes in Computer Science</i> , 2005 , 541-546	0.9
26	Noise Subspace Fuzzy C-Means Clustering for Robust Speech Recognition. <i>Lecture Notes in Computer Science</i> , 2006 , 772-779	0.9
25	C-Means Clustering Applied to Speech Discrimination. <i>Lecture Notes in Computer Science</i> , 2006 , 649-656	0.9
24	Comparison of Two ICA Algorithms in BSS Applied to Non-destructive Vibratory Tests. <i>Lecture Notes in Computer Science</i> , 2006 , 750-755	0.9
23	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	0.9
22	Study of the Histogram of the Hippocampus in MRI Using the Stable Distribution. <i>Lecture Notes in Computer Science</i> , 2015 , 216-221	0.9
21	Functional Biomedical Images of Alzheimer's Disease. A Green's Function-based Empirical Mode Decomposition Study. <i>Current Alzheimer Research</i> , 2016 , 13, 695-707	3
20	Tree-Based Ensemble Learning Techniques in the Analysis of Parkinsonian Syndromes. <i>Communications in Computer and Information Science</i> , 2017 , 459-469	0.3
19	Selecting Regions of Interest for the Diagnosis of Alzheimer Using Brain SPECT Images. <i>Lecture Notes in Computer Science</i> , 2009 , 399-406	0.9
18	Analysis of Brain SPECT Images for the Diagnosis of Alzheimer Disease Using First and Second Order Moments. <i>Lecture Notes in Computer Science</i> , 2009 , 124-133	0.9
17	Independent Component Analysis of SPECT Images to Assist the Alzheimer's Disease Diagnosis. <i>Advances in Intelligent and Soft Computing</i> , 2009 , 411-419	
16	Exploratory Matrix Factorization for PET Image Analysis. <i>Lecture Notes in Computer Science</i> , 2010 , 460-467	0.9
15	NMF-Based Analysis of SPECT Brain Images for the Diagnosis of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2010 , 468-475	0.9
14	Analysis of Spect Brain Images Using Wilcoxon and Relative Entropy Criteria and Quadratic Multivariate Classifiers for the Diagnosis of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , 2011 , 41-48	0.9
13	A Quantitative Study on Acupuncture Effects for Fighting Migraine Using SPECT Images. <i>Lecture Notes in Computer Science</i> , 2011 , 87-95	0.9
12	Effective Diagnosis of Alzheimer's Disease by Means of Distance Metric Learning. <i>Lecture Notes in Computer Science</i> , 2011 , 148-155	0.9
11	Early Computer Aided Diagnosis of Parkinson's Disease Based on Nearest Neighbor Strategy and striatum Activation Threshold. <i>Lecture Notes in Computer Science</i> , 2013 , 258-265	0.9
10	Automatic Orientation of Functional Brain Images for Multiplatform Software. <i>Lecture Notes in Computer Science</i> , 2013 , 406-411	0.9

9	RDNet: ResNet-18 with Dropout for Blood Cell Classification. <i>Lecture Notes in Computer Science, 2022, 136-144</i>	0.9
8	Modelling the Progression of the Symptoms of Parkinsons Disease Using a Nonlinear Decomposition of $^{231}\text{FP-CIT}$ SPECT Images. <i>Lecture Notes in Computer Science, 2022, 104-113</i>	0.9
7	Towards Mixed Mode Biomarkers: Combining Structural and Functional Information by Deep Learning. <i>Lecture Notes in Computer Science, 2022, 95-103</i>	0.9
6	ConvNet-CA: A Lightweight Attention-Based CNN for Brain Disease Detection. <i>Lecture Notes in Computer Science, 2022, 3-12</i>	0.9
5	Automatic Classification System for Diagnosis of Cognitive Impairment Based on the Clock-Drawing Test. <i>Lecture Notes in Computer Science, 2022, 34-42</i>	0.9
4	Sleep Apnea Diagnosis Using Complexity Features of EEG Signals. <i>Lecture Notes in Computer Science, 2022, 74-83</i>	0.9
3	Quantifying Inter-hemispheric Differences in Parkinson Disease Using Siamese Networks. <i>Lecture Notes in Computer Science, 2022, 156-165</i>	0.9
2	CAD System for Parkinson Disease with Penalization of Non-significant or High-Variability Input Data Sources. <i>Lecture Notes in Computer Science, 2022, 23-33</i>	0.9
1	Analyzing Statistical Inference Maps Using MRI Images for Parkinson Disease. <i>Lecture Notes in Computer Science, 2022, 166-175</i>	0.9