Detection of subjects and brain regions related to Alzhe based on eigenbrain and machine learning

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Citation Report

#	Article	IF	Citations
1	Intelligent decision systems in Medicine $\hat{a} \in \H$ A short survey on medical diagnosis and patient management. , 2015, , .		9
2	Pathological brain detection based on wavelet entropy and Hu moment invariants. Bio-Medical Materials and Engineering, 2015, 26, S1283-S1290.	0.4	108
3	Detection of Alzheimer's disease by displacement field and machine learning. PeerJ, 2015, 3, e1251.	0.9	90
4	Identification of Green, Oolong and Black Teas in China via Wavelet Packet Entropy and Fuzzy Support Vector Machine. Entropy, 2015, 17, 6663-6682.	1.1	142
5	Pathological Brain Detection by a Novel Image Feature—Fractional Fourier Entropy. Entropy, 2015, 17, 8278-8296.	1.1	79
6	Detection of Dendritic Spines Using Wavelet-Based Conditional Symmetric Analysis and Regularized Morphological Shared-Weight Neural Networks. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-12.	0.7	24
7	Biomarkers of Eating Disorders Using Support Vector Machine Analysis of Structural Neuroimaging Data: Preliminary Results. Behavioural Neurology, 2015, 2015, 1-10.	1.1	19
8	Pathological brain detection in MRI scanning by wavelet packet Tsallis entropy and fuzzy support vector machine. SpringerPlus, 2015, 4, 716.	1.2	60
9	A Novel Compressed Sensing Method for Magnetic Resonance Imaging: Exponential Wavelet Iterative Shrinkage-Thresholding Algorithm with Random Shift. International Journal of Biomedical Imaging, 2016, 2016, 1-10.	3.0	19
10	Wavelet Entropy and Directed Acyclic Graph Support Vector Machine for Detection of Patients with Unilateral Hearing Loss in MRI Scanning. Frontiers in Computational Neuroscience, 2016, 10, 106.	1.2	69
11	Classification of 5-S Epileptic EEG Recordings Using Distribution Entropy and Sample Entropy. Frontiers in Physiology, 2016, 7, 136.	1.3	56
12	Image Classification to Support Emergency Situation Awareness. Frontiers in Robotics and Al, 2016, 3, .	2.0	30
13	Three-Dimensional Eigenbrain for the Detection of Subjects and Brain Regions Related with Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 50, 1163-1179.	1.2	54
14	Analysis of mean square error surface and its corresponding contour plots of spontaneous speech signals in Alzheimer's disease with adaptive wiener filter. Computers in Human Behavior, 2016, 61, 364-371.	5.1	12
15	Pathological brain detection based on online sequential extreme learning machine. , 2016, , .		1
16	Laplace Beltrami eigen value based classification of normal and Alzheimer MR images using parametric and non-parametric classifiers. Expert Systems With Applications, 2016, 59, 208-216.	4.4	43
17	A Method to Differentiate Mild Cognitive Impairment and Alzheimer in MR Images using Eigen Value Descriptors. Journal of Medical Systems, 2016, 40, 25.	2.2	14
18	Single subject prediction of brain disorders in neuroimaging: Promises and pitfalls. NeuroImage, 2017, 145, 137-165.	2.1	688

#	Article	IF	CITATIONS
19	A note on the marker-based watershed method for X-ray image segmentation. Computer Methods and Programs in Biomedicine, 2017, 141, 1-2.	2.6	21
20	Case-based statistical learning applied to SPECT image classification. , 2017, , .		2
21	Computer-aided diagnosis: A survey with bibliometric analysis. International Journal of Medical Informatics, 2017, 101, 58-67.	1.6	63
22	Texture Analysis Method Based on Fractional Fourier Entropy and Fitness-scaling Adaptive Genetic Algorithm for Detecting Left-sided and Right-sided Sensorineural Hearing Loss. Fundamenta Informaticae, 2017, 151, 505-521.	0.3	43
23	A Comprehensive Survey on Fractional Fourier Transform. Fundamenta Informaticae, 2017, 151, 1-48.	0.3	19
24	Continuous theta burst stimulation inhibits the bilateral hemispheres. Neuroscience Letters, 2017, 657, 134-139.	1.0	2
25	Modality-bridge transfer learning for medical image classification., 2017,,.		17
26	Diagnosis of Alzheimer's Disease Based on Structural MRI Images Using a Regularized Extreme Learning Machine and PCA Features. Journal of Healthcare Engineering, 2017, 2017, 1-11.	1.1	101
27	Diagnosis of Alzheimer's Disease Using Dual-Tree Complex Wavelet Transform, PCA, and Feed-Forward Neural Network. Journal of Healthcare Engineering, 2017, 2017, 1-13.	1.1	68
28	Twin SVM-Based Classification of Alzheimer's Disease Using Complex Dual-Tree Wavelet Principal Coefficients and LDA. Journal of Healthcare Engineering, 2017, 2017, 1-12.	1.1	49
29	Multivariate regression analysis of structural MRI connectivity matrices in Alzheimer's disease. PLoS ONE, 2017, 12, e0187281.	1.1	15
30	Plant classification based on stacked autoencoder. , 2017, , .		3
31	Disease Diagnosis in Smart Healthcare: Innovation, Technologies and Applications. Sustainability, 2017, 9, 2309.	1.6	104
32	Embedding Anatomical or Functional Knowledge in Whole-Brain Multiple Kernel Learning Models. Neuroinformatics, 2018, 16, 117-143.	1.5	58
33	Image-based emotion recognition using evolutionary algorithms. Biologically Inspired Cognitive Architectures, 2018, 24, 70-76.	0.9	17
34	Wavelet energy entropy and linear regression classifier for detecting abnormal breasts. Multimedia Tools and Applications, 2018, 77, 3813-3832.	2.6	35
35	Single slice based detection for Alzheimer's disease via wavelet entropy and multilayer perceptron trained by biogeography-based optimization. Multimedia Tools and Applications, 2018, 77, 10393-10417.	2.6	122
36	Smart pathological brain detection system by predator-prey particle swarm optimization and single-hidden layer neural-network. Multimedia Tools and Applications, 2018, 77, 3871-3885.	2.6	10

#	Article	IF	Citations
38	Aberrant functional connectivity in patients with obstructive sleep apnea-hypopnea syndrome: a resting-state functional MRI study. Multimedia Tools and Applications, 2018, 77, 4065-4079.	2.6	2
39	Analysis of structural brain MRI and multi-parameter classification for Alzheimer's disease. Biomedizinische Technik, 2018, 63, 427-437.	0.9	18
40	Smart pathological brain detection by synthetic minority oversampling technique, extreme learning machine, and Jaya algorithm. Multimedia Tools and Applications, 2018, 77, 22629-22648.	2.6	79
41	Research on node properties of resting-state brain functional networks by using node activity and ALFF. Multimedia Tools and Applications, 2018, 77, 22689-22704.	2.6	9
42	Multivariate Approach for Alzheimer's Disease Detection Using Stationary Wavelet Entropy and Predator-Prey Particle Swarm Optimization. Journal of Alzheimer's Disease, 2018, 65, 855-869.	1.2	130
43	A QoS-enhanced intelligent stochastic real-time packet scheduler for multimedia IP traffic. Multimedia Tools and Applications, 2018, 77, 12725-12748.	2.6	7
44	Sensorineural hearing loss detection via discrete wavelet transform and principal component analysis combined with generalized eigenvalue proximal support vector machine and Tikhonov regularization. Multimedia Tools and Applications, 2018, 77, 3775-3793.	2.6	44
45	A Significant Regional-based Diagnosis System for Early Detection of Alzheimer's Disease Using sMRI Scans. , 2018, , .		0
46	Alzheimer's Disease Detection by Utilizing Key Slice Selection in 3D MRI Images., 2018,,.		2
47	Detection of Alzheimer's Disease Using Optimized EEG Data Acquisition and its Effect on Reaction Time. , 2018, , .		0
48	A Cortical Based Diagnosis System for MCI Based on sMRI Features Fusion. , 2018, , .		1
49	A Unified Neighbor Reconstruction Method for Embeddings. , 2018, , .		1
50	Analysis of Alzheimer's Disease Based on the Random Neural Network Cluster in fMRI. Frontiers in Neuroinformatics, 2018, 12, 60.	1.3	34
51	Higher-order spectral analysis of spontaneous speech signals in Alzheimer's disease. Cognitive Neurodynamics, 2018, 12, 583-596.	2.3	31
52	Machine Learning for Predicting Cognitive Diseases: Methods, Data Sources and Risk Factors. Journal of Medical Systems, 2018, 42, 243.	2.2	40
53	A Convolution Neural Network based Classifier for Diagnosis of Alzheimer's Disease. , 2018, , .		4
54	Multi-Objective Genetic Algorithms to Find Most Relevant Volumes of the Brain Related to Alzheimer's Disease and Mild Cognitive Impairment. International Journal of Neural Systems, 2018, 28, 1850022.	3.2	26
55	A Multilevel Predictive Model for Detecting Social Network Users with Depression. , 2018, , .		16

#	Article	IF	Citations
56	Image Preprocessing for Pathological Brain Detection. Brain Informatics and Health, 2018, , 29-44.	0.1	1
57	Classification of Autism Spectrum Disorder Using Random Support Vector Machine Cluster. Frontiers in Genetics, 2018, 9, 18.	1.1	101
58	Classification of Alzheimer's Disease, Mild Cognitive Impairment, and Cognitively Unimpaired Individuals Using Multi-feature Kernel Discriminant Dictionary Learning. Frontiers in Computational Neuroscience, 2017, 11, 117.	1.2	22
59	A Novel Early Diagnosis System for Mild Cognitive Impairment Based on Local Region Analysis: A Pilot Study. Frontiers in Human Neuroscience, 2017, 11, 643.	1.0	10
60	Alcoholism detection in magnetic resonance imaging by Haar wavelet transform and back propagation neural network. AIP Conference Proceedings, 2018 , , .	0.3	5
61	The Added Value of Diffusion-Weighted MRI-Derived Structural Connectome in Evaluating Mild Cognitive Impairment: A Multi-Cohort Validation1. Journal of Alzheimer's Disease, 2018, 64, 149-169.	1.2	9
62	Communicability disruption in Alzheimer's disease connectivity networks. Journal of Complex Networks, 2019, 7, 83-100.	1.1	26
63	Design of atomically-thin-body field-effect sensors and pattern recognition neural networks for ultra-sensitive and intelligent trace explosive detection. 2D Materials, 2019, 6, 044002.	2.0	1
64	Automated Detection of Alzheimer's Disease Using Brain MRI Images– A Study with Various Feature Extraction Techniques. Journal of Medical Systems, 2019, 43, 302.	2,2	207
65	Alzheimer's disease diagnosis from structural MRI using Siamese convolutional neural network. , 2019, , .		24
66	Identifying incident dementia by applying machine learning to a very large administrative claims dataset. PLoS ONE, 2019, 14, e0203246.	1.1	38
67	Application of artificial neural network model in diagnosis of Alzheimer's disease. BMC Neurology, 2019, 19, 154.	0.8	23
68	Neuroprotective activity of isoquinoline alkaloids from of Chilean Amaryllidaceae plants against oxidative stress-induced cytotoxicity on human neuroblastoma SH-SY5Y cells and mouse hippocampal slice culture. Food and Chemical Toxicology, 2019, 132, 110665.	1.8	15
69	Using Deep CNN with Data Permutation Scheme for Classification of Alzheimer's Disease in Structural Magnetic Resonance Imaging (sMRI). IEICE Transactions on Information and Systems, 2019, E102.D, 1384-1395.	0.4	32
70	Beta Distribution-Based Cross-Entropy for Feature Selection. Entropy, 2019, 21, 769.	1.1	2
71	Classification of Alzheimer's Disease with and without Imagery Using Gradient Boosted Machines and ResNet-50. Brain Sciences, 2019, 9, 212.	1.1	75
72	Utilizing supervised machine learning to identify microglia and astrocytes in situ: implications for large-scale image analysis and quantification. Journal of Neuroscience Methods, 2019, 328, 108424.	1.3	9
73	Effective Diagnosis of Alzheimer's Disease via Multimodal Fusion Analysis Framework. Frontiers in Genetics, 2019, 10, 976.	1.1	15

#	Article	IF	CITATIONS
74	Diagnosis and monitoring of Alzheimer's patients using classical and deep learning techniques. Expert Systems With Applications, 2019, 136, 353-364.	4.4	57
75	A Computer Aided Diagnosis System for Identifying Alzheimer's from MRI Scan using Improved Adaboost. Journal of Medical Systems, 2019, 43, 76.	2.2	15
76	Alzheimer's detection through the association of neuroimaging neuropsychological and clinical data. , 2019, , .		0
77	A Local/Regional Based CAD System for Early Diagnosis of Alzheimer's Disease Using sMRI Scans. , 2019, ,		0
78	Resting-State Functional Network Scale Effects and Statistical Significance-Based Feature Selection in Machine Learning Classification. Computational and Mathematical Methods in Medicine, 2019, 2019, 1-18.	0.7	8
79	Neuroimaging computerâ€aided diagnosis systems for Alzheimer's disease. International Journal of Imaging Systems and Technology, 2019, 29, 83-94.	2.7	16
80	Human exposure factors as potential determinants of the heterogeneity in city-specific associations between PM2.5 and mortality. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 557-567.	1.8	4
81	Rich club characteristics of dynamic brain functional networks in resting state. Multimedia Tools and Applications, 2020, 79, 15075-15093.	2.6	3
82	IC-SMART: IoTCloud enabled Seamless Monitoring for Alzheimer Diagnosis and Rehabilitation SysTem. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 3387-3403.	3.3	10
83	Single-slice Alzheimer's disease classification and disease regional analysis with Supervised Switching Autoencoders. Computers in Biology and Medicine, 2020, 116, 103527.	3.9	28
84	Analysis of brain sub regions using optimization techniques and deep learning method in Alzheimer disease. Applied Soft Computing Journal, 2020, 86, 105857.	4.1	68
85	Brain pathology identification using computer aided diagnostic tool: A systematic review. Computer Methods and Programs in Biomedicine, 2020, 187, 105205.	2.6	23
86	Predicting dementia with routine care EMR data. Artificial Intelligence in Medicine, 2020, 102, 101771.	3.8	38
87	Multi-modal neuroimaging feature selection with consistent metric constraint for diagnosis of Alzheimer's disease. Medical Image Analysis, 2020, 60, 101625.	7.0	99
88	Improving Alzheimer's disease classification by performing data fusion with vascular dementia and stroke data. Journal of Experimental and Theoretical Artificial Intelligence, 2020, , 1-18.	1.8	3
89	Dementia Detection Using Machine Learning by Stacking Models. , 2020, , .		5
90	Predicting Thioflavin Fluorescence of Retinal Amyloid Deposits Associated With Alzheimer's Disease from Their Polarimetric Properties. Translational Vision Science and Technology, 2020, 9, 47.	1.1	13
91	Personalized Computer-Aided Diagnosis for Mild Cognitive Impairment in Alzheimer's Disease Based on sMRI and ¹¹C PiB-PET Analysis. IEEE Access, 2020, 8, 218982-218996.	2.6	2

#	Article	IF	CITATIONS
92	An fMRI Feature Selection Method Based on a Minimum Spanning Tree for Identifying Patients with Autism. Symmetry, 2020, 12, 1995.	1.1	10
93	A recommender system for Alzheimer Patients in Sultanate of Oman using Neutrosophic Logic. , 2020, , .		1
94	An Efficient Combination among sMRI, CSF, Cognitive Score, and <i>APOE $\hat{l}\mu$</i> 4 Biomarkers for Classification of AD and MCI Using Extreme Learning Machine. Computational Intelligence and Neuroscience, 2020, 2020, 1-18.	1.1	14
95	WERFE: A Gene Selection Algorithm Based on Recursive Feature Elimination and Ensemble Strategy. Frontiers in Bioengineering and Biotechnology, 2020, 8, 496.	2.0	21
96	A deep learning based CNN approach on MRI for Alzheimer's disease detection. Intelligent Decision Technologies, 2020, 13, 495-505.	0.6	8
97	Automated detection of Alzheimer's disease using bi-directional empirical model decomposition. Pattern Recognition Letters, 2020, 135, 106-113.	2.6	26
98	Exploring Alzheimer's Disease Molecular Variability via Calculation of Personalized Transcriptional Signatures. Biomolecules, 2020, 10, 503.	1.8	5
99	Diagnosis of Alzheimer disease in MR brain images using optimization techniques. Neural Computing and Applications, 2021, 33, 223-237.	3.2	17
100	Identifying brain regions contributing to Alzheimer's disease using self regulating particle swarm optimization. International Journal of Imaging Systems and Technology, 2021, 31, 106-117.	2.7	7
101	A cognitive perception on content-based image retrieval using an advanced soft computing paradigm. , 2021, , 189-211.		11
102	Input Data Characterization Using Machine Learning and Deep Learning. IOP Conference Series: Materials Science and Engineering, 0, 1022, 012012.	0.3	1
103	Detection and analysis of Alzheimer's disease using various machine learning algorithms. Materials Today: Proceedings, 2021, 45, 1502-1508.	0.9	16
104	Assessment of Linear and Non-linear Feature Projections for the Classification of 3-D MR Images on Cognitively Normal, Mild Cognitive Impairment and Alzheimer's Disease. Lecture Notes in Computer Science, 2021, , 18-33.	1.0	0
105	Application of Artificial Intelligence techniques for the detection of Alzheimer's disease using structural MRI images. Biocybernetics and Biomedical Engineering, 2021, 41, 456-473.	3.3	42
106	Alzheimer's disease diagnosis method based on convolutional neural network using key slices voting. , 2021, , .		2
107	Aging brain mechanics: Progress and promise of magnetic resonance elastography. Neurolmage, 2021, 232, 117889.	2.1	45
108	Bagging and Fusion of Multiple Feature Extraction Models for Early Diagnosis of Alzheimer's disease., 2021,,.		0
109	Characterization of Brain Iron Deposition Pattern and Its Association With Genetic Risk Factor in Alzheimer's Disease Using Susceptibility-Weighted Imaging. Frontiers in Human Neuroscience, 2021, 15, 654381.	1.0	8

#	Article	IF	Citations
110	Gray level co-occurrence matrix and extreme learning machine for Alzheimer's disease diagnosis. International Journal of Cognitive Computing in Engineering, 2021, 2, 116-129.	5.5	6
111	ldentifying and characterizing different stages toward Alzheimer's disease using ordered core features and machine learning. Heliyon, 2021, 7, e07287.	1.4	11
112	A systematic review of emerging feature selection optimization methods for optimal text classification: the present state and prospective opportunities. Neural Computing and Applications, 2021, 33, 15091-15118.	3.2	51
113	Artificial Intelligence for Alzheimer's Disease: Promise or Challenge?. Diagnostics, 2021, 11, 1473.	1.3	38
114	A Personalized Computer-Aided Diagnosis System for Mild Cognitive Impairment (MCI) Using Structural MRI (sMRI). Sensors, 2021, 21, 5416.	2.1	5
115	Interpretable Recognition for Dementia Using Brain Images. Frontiers in Neuroscience, 2021, 15, 748689.	1.4	2
117	An Adaptive Machine Learning System for predicting recurrence of child maltreatment: A routine activity theory perspective. Knowledge-Based Systems, 2021, 227, 107164.	4.0	3
118	Modeling of pre-transplantation liver viability with spatial-temporal smooth variable selection. Computer Methods and Programs in Biomedicine, 2021, 208, 106264.	2.6	2
119	Deep Learning-Based Segmentation in Classification of Alzheimer's Disease. Arabian Journal for Science and Engineering, 2021, 46, 5373-5383.	1.7	31
120	Deep EvoGraphNet Architecture for Time-Dependent Brain Graph Data Synthesis from a Single Timepoint. Lecture Notes in Computer Science, 2020, , 144-155.	1.0	14
121	Building Intelligent Classifiers for Doctor-Independent Parkinson's Disease Treatments. Advances in Intelligent Systems and Computing, 2016, , 267-276.	0.5	1
122	Mechanical property alterations across the cerebral cortex due to Alzheimer's disease. Brain Communications, 2020, 2, fcz049.	1.5	57
124	Alzheimer's Disease Prediction Using Convolutional Neural Network Models Leveraging Pre-existing Architecture and Transfer Learning. , 2020, , .		14
125	Predicting dementia diagnosis from cognitive footprints in electronic health records: a case–control study protocol. BMJ Open, 2020, 10, e043487.	0.8	3
126	Machine Learning Techniques for the Diagnosis of Alzheimer's Disease. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-35.	3.0	128
127	Classification of Alzheimer's Disease via Eight-Layer Convolutional Neural Network with Batch Normalization and Dropout Techniques. Journal of Medical Imaging and Health Informatics, 2020, 10, 1040-1048.	0.2	31
128	Denouements of machine learning and multimodal diagnostic classification of Alzheimer's disease. Visual Computing for Industry, Biomedicine, and Art, 2020, 3, 26.	2.2	23
129	Random support vector machine cluster analysis of resting-state fMRI in Alzheimer's disease. PLoS ONE, 2018, 13, e0194479.	1.1	47

#	Article	IF	CITATIONS
130	Overview on segmentation and classification for the Alzheimer's disease detection from brain MRI. International Journal of Computer Trends and Technology, 2017, 43, 130-132.	0.1	4
131	Alzheimer's Disease Detection Using Sparse Autoencoder, Scale Conjugate Gradient and Softmax Output Layer with Fine Tuning. International Journal of Machine Learning and Computing, 2017, 7, 13-17.	0.8	22
132	Clustering Insomnia Patterns by Data From Wearable Devices: Algorithm Development and Validation Study. JMIR MHealth and UHealth, 2019, 7, e14473.	1.8	14
133	A Review of Feature Selection and Its Methods. Cybernetics and Information Technologies, 2019, 19, 3-26.	0.4	216
134	Security System for the Telecommunication Room Based on the RFID and Video Analysis. , 2015, , .		0
135	A Short Survey on MRI Brain Detection. , 0, , .		0
136	Machine Learning Methods for Intelligent Abnormal Brain Identification. , 2017, , .		0
137	Brain Morphometry: Alzheimer's Disease. Neuromethods, 2018, , 217-240.	0.2	1
138	Recurrent Networks for Guided Multi-Attention Classification. , 2020, , .		2
139	Classification of MRI and psychological testing data based on support vector machine. International Journal of Clinical and Experimental Medicine, 2017, 10, 16004-16026.	1.3	1
140	An Efficient Methodology for Brain MRI Classification Based on DWT and Convolutional Neural Network. Sensors, 2021, 21, 7480.	2.1	13
141	MR Brain Screening using Optimization Techniques – A survey. Current Medical Imaging, 2021, 17, .	0.4	0
142	A Predictive Visual Analytics System for Studying Neurodegenerative Disease Based on DTI Fiber Tracts. IEEE Transactions on Visualization and Computer Graphics, 2023, 29, 2020-2035.	2.9	2
143	Apelin–13 protects against memory impairment and neuronal loss, Induced by Scopolamine in male rats. Metabolic Brain Disease, 2022, 37, 701-709.	1.4	3
144	Multi-Modal Feature Selection with Feature Correlation and Feature Structure Fusion for MCI and AD Classification. Brain Sciences, 2022, 12, 80.	1.1	20
145	Optimal transport- and kernel-based early detection of mild cognitive impairment patients based on magnetic resonance and positron emission tomography images. Alzheimer's Research and Therapy, 2022, 14, 4.	3.0	1
146	GWLS: A Novel Model for Predicting Cognitive Function Scores in Patients With End-Stage Renal Disease. Frontiers in Aging Neuroscience, 2022, 14, 834331.	1.7	5
147	Detecting Alzheimer's Disease Using Machine Learning Methods. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 89-100.	0.2	8

#	Article	IF	CITATIONS
148	Morphological Feature Visualization of Alzheimer's Disease via Multidirectional Perception GAN. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4401-4415.	7.2	47
149	Alzheimer's Disease Prediction Using Machine Learning Methodologies. , 2022, , .		1
150	Predictive classification of Alzheimer's disease using brain imaging and genetic data. Scientific Reports, 2022, 12, 2405.	1.6	14
151	Machine-Learning-Based Disease Diagnosis: A Comprehensive Review. Healthcare (Switzerland), 2022, 10, 541.	1.0	103
152	Prediction of Drug Bioactivity in Alzheimer's Disease Using Machine Learning Techniques and Community Networks. Current Bioinformatics, 2022, 17, 698-709.	0.7	0
153	Dementia classification using MR imaging and clinical data with voting based machine learning models. Multimedia Tools and Applications, 2022, 81, 25971-25992.	2.6	13
154	Research on Voxel-Based Features Detection and Analysis of Alzheimer's Disease Using Random Survey Support Vector Machine. Frontiers in Neuroinformatics, 2022, 16, 856295.	1.3	3
155	Predicting progression of Alzheimer's disease using forward-to-backward bi-directional network with integrative imputation. Neural Networks, 2022, 150, 422-439.	3.3	9
156	Alzheimer's Disease Detection using Machine Learning: A Review., 2021,,.		3
157	Machine Learning for Diagnosis of Alzheimer's Disease and Early Stages. BioMedInformatics, 2021, 1, 182-200.	1.0	1
158	Alzheimer's Disease Classification Using Genetic Data. , 2021, , .		3
159	A Binary Classifier Using Fully Connected Neural Network for Alzheimer's Disease Classification. Journal of Multimedia Information System, 2022, 9, 21-32.	0.4	6
163	Artificial Intelligence in the Detection of Alzheimer's Disease. Advances in Medical Technologies and Clinical Practice Book Series, 2022, , 136-155.	0.3	0
164	Explainable AI toward understanding the performance of the top three TADPOLE Challenge methods in the forecast of Alzheimer's disease diagnosis. PLoS ONE, 2022, 17, e0264695.	1.1	11
165	Multi-Modal Neuroimaging Neural Network-Based Feature Detection for Diagnosis of Alzheimer's Disease. Frontiers in Aging Neuroscience, 2022, 14, .	1.7	9
166	Constructing Domain Ontology for Alzheimer Disease Using Deep Learning Based Approach. Electronics (Switzerland), 2022, 11, 1890.	1.8	22
167	Creating sparser prediction models of treatment outcome in depression: a proof-of-concept study using simultaneous feature selection and hyperparameter tuning. BMC Medical Informatics and Decision Making, 2022, 22, .	1.5	1
168	A Comprehensive Report on Machine Learning-based Early Detection of Alzheimer's Disease using Multi-modal Neuroimaging Data. ACM Computing Surveys, 2023, 55, 1-44.	16.1	23

#	Article	IF	CITATIONS
169	Differentiation of Alzheimer conditions in brain MR images using bidimensional multiscale entropy-based texture analysis of lateral ventricles. Biomedical Signal Processing and Control, 2022, 78, 103974.	3.5	7
170	An MRI-based deep learning approach for accurate detection of Alzheimer's disease. AEJ - Alexandria Engineering Journal, 2023, 63, 211-221.	3.4	38
171	Machine Learning GUI based For Detecting Alzheimer's. , 2022, , .		0
172	Hypergraph representation of multimodal brain networks for patients with end-stage renal disease associated with mild cognitive impairment. Mathematical Biosciences and Engineering, 2023, 20, 1882-1902.	1.0	5
173	Brain Functional Networks with Dynamic Hypergraph Manifold Regularization for Classification of End-Stage Renal Disease Associated with Mild Cognitive Impairment. CMES - Computer Modeling in Engineering and Sciences, 2023, 135, 2243-2266.	0.8	2
174	Insights into the Pathophysiology of Alzheimer's Disease and Potential Therapeutic Targets: A Current Perspective. Journal of Alzheimer's Disease, 2023, 91, 507-530.	1.2	8
175	Feature Signature Discovery for Autism Detection: An Automated Machine Learning Based Feature Ranking Framework. Computational Intelligence and Neuroscience, 2023, 2023, 1-14.	1.1	3
176	CAD-ALZ: A Blockwise Fine-Tuning Strategy on Convolutional Model and Random Forest Classifier for Recognition of Multistage Alzheimer's Disease. Diagnostics, 2023, 13, 167.	1.3	2
177	Artificial intelligence based Alzheimer's disease detection using deep feature extraction. , 2023, , 333-355.		1
178	Comparative Analysis of Machine Learning Algorithms for classification of Alzheimer's disease. , 2022, , .		0
179	Combined Feature Selection Scheme for Banking Modeling. Finance: Theory and Practice, 2023, 27, 103-115.	0.3	0
180	Detection of Alzheimer's disease onset using MRI and PET neuroimaging: longitudinal data analysis and machine learning. Neural Regeneration Research, 2023, 18, 2134.	1.6	4
182	The presymptomatic treatment with <scp>3HFWC</scp> nanosubstance decreased plaque load in <scp>5XFAD</scp> mouse model of Alzheimer's disease. CNS Neuroscience and Therapeutics, 2024, 30, .	1.9	2
183	Wasserstein GAN-gradient penalty with deep transfer learning based alzheimer disease classification on 3D MRI scans. I-manager's Journal on Image Processing, 2022, 9, 9.	0.1	0
184	Machine Learning Models for Alzheimer's Disease Detection Using OASIS Data. Cognitive Technologies, 2023, , 111-126.	0.5	0
189	Early Alzheimer's Detection Using Random Forest Algorithm. , 2023, , .		1
190	Early Stage Detection of Alzheimer's using Hybrid Artificial Intelligence Model: A Review., 2023, , .		1
192	Review on Mechanobiological Analysis and Computational Study of Human Tissue (Soft and Hard) Using Machine Learning Techniques: A Mechanical Perspective. Archives of Computational Methods in Engineering, 2024, 31, 957-972.	6.0	1

#	Article	IF	CITATIONS
195	A Bio-Inspired-Based Salp Swarm Algorithm Enabled withÂDeep Learning forÂAlzheimer's Classification. Communications in Computer and Information Science, 2024, , 157-170.	0.4	0
197	Alzheimer Disease Detection using Deep Learning. , 2023, , .		O
200	A Machine Learning Algorithm to Detect Alzheimer's Disease Using MRI Images. , 2023, , .		0