

CITATION REPORT

List of articles citing

Wavelet-synchronization methodology: a new approach for EEG-based diagnosis of ADHD

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Clinical EEG and Neuroscience, 2010, 41, 1-10.

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#	Paper	IF	Citations
183	Fractality and a wavelet-chaos-neural network methodology for EEG-based diagnosis of autistic spectrum disorder. <i>2010</i> , 27, 328-33		189
182	New diagnostic EEG markers of the Alzheimer's disease using visibility graph. <i>Journal of Neural Transmission</i> , 2010 , 117, 1099-109	4.3	230
181	An automatic patient-specific seizure onset detection method in intracranial EEG based on incremental nonlinear dimensionality reduction. <i>Computers in Biology and Medicine</i> , 2010 , 40, 889-99	7	21
180	Analysis and automatic identification of sleep stages using higher order spectra. <i>International Journal of Neural Systems</i> , 2010 , 20, 509-21	6.2	130
179	. 2010 ,		
178	Application of recurrence quantification analysis for the automated identification of epileptic EEG signals. <i>International Journal of Neural Systems</i> , 2011 , 21, 199-211	6.2	213
177	Fuzzy synchronization likelihood with application to attention-deficit/hyperactivity disorder. <i>Clinical EEG and Neuroscience</i> , 2011 , 42, 6-13	2.3	120
176	Automatic detection of epileptic EEG signals using higher order cumulant features. <i>International Journal of Neural Systems</i> , 2011 , 21, 403-14	6.2	142
175	Functional community analysis of brain: a new approach for EEG-based investigation of the brain pathology. 2011 , 58, 401-8		136
174	Intrahemispheric, interhemispheric, and distal EEG coherence in Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2011 , 122, 897-906	4.3	156
173	A comparative study of wavelet families for EEG signal classification. 2011 , 74, 3051-3057		182
172	Smart structures: Part II [Hybrid control systems and control strategies. 2011 , 18, 285-295		108
171	HeartSaver: a mobile cardiac monitoring system for auto-detection of atrial fibrillation, myocardial infarction, and atrio-ventricular block. <i>Computers in Biology and Medicine</i> , 2011 , 41, 211-20	7	49
170	Information quantification of empirical mode decomposition and applications to field potentials. <i>International Journal of Neural Systems</i> , 2011 , 21, 49-63	6.2	8
169	Excitement and synchronization of small-world neuronal networks with short-term synaptic plasticity. <i>International Journal of Neural Systems</i> , 2011 , 21, 415-25	6.2	28
168	Continuous EEG signal analysis for asynchronous BCI application. <i>International Journal of Neural Systems</i> , 2011 , 21, 335-50	6.2	70
167	Finite dimensional structure of the GPI discharge in patients with Parkinson's disease. <i>International Journal of Neural Systems</i> , 2011 , 21, 175-86	6.2	15

166	Wavelet coherence model for diagnosis of Alzheimer disease. <i>Clinical EEG and Neuroscience</i> , 2012 , 43, 268-78	2.3	106
165	Application of non-linear and wavelet based features for the automated identification of epileptic EEG signals. <i>International Journal of Neural Systems</i> , 2012 , 22, 1250002	6.2	216
164	Graph theoretical analysis of organization of functional brain networks in ADHD. <i>Clinical EEG and Neuroscience</i> , 2012 , 43, 5-13	2.3	129
163	Artificial neural network based approach to EEG signal simulation. <i>International Journal of Neural Systems</i> , 2012 , 22, 1250008	6.2	13
162	Application of competitive Hopfield neural network to brain-computer interface systems. <i>International Journal of Neural Systems</i> , 2012 , 22, 51-62	6.2	46
161	Automated diagnosis of normal and alcoholic EEG signals. <i>International Journal of Neural Systems</i> , 2012 , 22, 1250011	6.2	99
160	Visibility graph similarity: A new measure of generalized synchronization in coupled dynamic systems. 2012 , 241, 326-332		123
159	Clinical utility of EEG in attention-deficit/hyperactivity disorder: a research update. 2012 , 9, 569-87		165
158	Nonlinear dynamics measures applied to EEG recordings of patients with attention deficit/hyperactivity disorder: quantifying the effects of a neurofeedback treatment. 2012 , 2012, 1057-60		3
157	A wavelet-based particle swarm optimization algorithm for digital image watermarking. 2012 , 19, 81-91		59
156	Improved visibility graph fractality with application for the diagnosis of Autism Spectrum Disorder. 2012 , 391, 4720-4726		143
155	Which attention-deficit/hyperactivity disorder children will be improved through neurofeedback therapy? A graph theoretical approach to neocortex neuronal network of ADHD. <i>Neuroscience Letters</i> , 2012 , 516, 156-60	3.3	21
154	Fractality analysis of frontal brain in major depressive disorder. 2012 , 85, 206-11		163
153	Introducing a novel approach of network oriented analysis of ERPs, demonstrated on adult attention deficit hyperactivity disorder. <i>Clinical Neurophysiology</i> , 2012 , 123, 1568-80	4.3	30
152	Fuzzy Synchronization Likelihood-wavelet methodology for diagnosis of autism spectrum disorder. 2012 , 211, 203-9		118
151	Biologically inspired face recognition: toward pose-invariance. <i>International Journal of Neural Systems</i> , 2012 , 22, 1250029	6.2	2
150	Dynamical measures for characterization of EEG registers in patients with Attention Deficit Hyperactivity Disorder treated with neurofeedback. 2012 ,		1
149	Decision support algorithm for diagnosis of ADHD using electroencephalograms. 2012 , 36, 2675-88		43

148	Use of principal component analysis for automatic classification of epileptic EEG activities in wavelet framework. <i>Expert Systems With Applications</i> , 2012 , 39, 9072-9078	7.8	152
147	Automated diagnosis of epilepsy using CWT, HOS and texture parameters. <i>International Journal of Neural Systems</i> , 2013 , 23, 1350009	6.2	95
146	Performance analysis of univariate and multivariate EEG measurements in the diagnosis of ADHD. <i>Clinical Neurophysiology</i> , 2013 , 124, 1139-50	4.3	20
145	Down syndrome brain dynamics: analysis of fractality in resting state. <i>Cognitive Neurodynamics</i> , 2013 , 7, 333-40	4.2	5
144	Disrupted small-world brain network in children with Down Syndrome. <i>Clinical Neurophysiology</i> , 2013 , 124, 1755-64	4.3	7
143	Brain-computer interface technologies: from signal to action. 2013 , 24, 537-52		139
142	Spatiotemporal analysis of relative convergence of EEGs reveals differences between brain dynamics of depressive women and men. <i>Clinical EEG and Neuroscience</i> , 2013 , 44, 175-81	2.3	98
141	Global organization of functional brain connectivity in methamphetamine abusers. <i>Clinical Neurophysiology</i> , 2013 , 124, 1122-31	4.3	34
140	Efficient automatic selection and combination of EEG features in least squares classifiers for motor imagery brain-computer interfaces. <i>International Journal of Neural Systems</i> , 2013 , 23, 1350015	6.2	45
139	Automated EEG analysis of epilepsy: A review. 2013 , 45, 147-165		402
138	Application of higher order cumulant features for cardiac health diagnosis using ECG signals. <i>International Journal of Neural Systems</i> , 2013 , 23, 1350014	6.2	104
137	EEG-based expert system using complexity measures and probability density function control in alpha sub-band. 2013 , 20, 391-405		28
136	Single-trial motor imagery classification using asymmetry ratio, phase relation, wavelet-based fractal, and their selected combination. <i>International Journal of Neural Systems</i> , 2013 , 23, 1350007	6.2	47
135	Application of intrinsic time-scale decomposition (ITD) to EEG signals for automated seizure prediction. <i>International Journal of Neural Systems</i> , 2013 , 23, 1350023	6.2	78
134	Application of quantum-behaved particle swarm optimization to motor imagery EEG classification. <i>International Journal of Neural Systems</i> , 2013 , 23, 1350026	6.2	37
133	Comparison of ictal and interictal EEG signals using fractal features. <i>International Journal of Neural Systems</i> , 2013 , 23, 1350028	6.2	43
132	Detection of driving fatigue by using noncontact EMG and ECG signals measurement system. <i>International Journal of Neural Systems</i> , 2014 , 24, 1450006	6.2	73
131	Frequency recognition in SSVEP-based BCI using multiset canonical correlation analysis. <i>International Journal of Neural Systems</i> , 2014 , 24, 1450013	6.2	238

130	Effects of extremely low-frequency magnetic fields on the response of a conductance-based neuron model. <i>International Journal of Neural Systems</i> , 2014 , 24, 1450007	6.2	13
129	Adaptation-dependent synchronization transitions and burst generations in electrically coupled neural networks. <i>International Journal of Neural Systems</i> , 2014 , 24, 1450033	6.2	5
128	Epileptic EEG classification based on kernel sparse representation. <i>International Journal of Neural Systems</i> , 2014 , 24, 1450015	6.2	54
127	Aggregation of sparse linear discriminant analyses for event-related potential classification in brain-computer interface. <i>International Journal of Neural Systems</i> , 2014 , 24, 1450003	6.2	75
126	Use of EEG to diagnose ADHD. 2014 , 16, 498		122
125	A Wavelet-Statistical Features Approach for Nonconvulsive Seizure Detection. <i>Clinical EEG and Neuroscience</i> , 2014 , 45, 274-284	2.3	63
124	Automated diagnosis of autism: in search of a mathematical marker. 2014 , 25, 851-61		47
123	Complexity of functional connectivity networks in mild cognitive impairment subjects during a working memory task. <i>Clinical Neurophysiology</i> , 2014 , 125, 694-702	4.3	100
122	Network dynamics predict improvement in working memory performance following donepezil administration in healthy young adults. 2014 , 88, 228-41		16
121	Clinician's road map to wavelet EEG as an Alzheimer's disease biomarker. <i>Clinical EEG and Neuroscience</i> , 2014 , 45, 104-12	2.3	16
120	Computer-aided diagnosis of alcoholism-related EEG signals. 2014 , 41, 257-63		45
119	Computer aided diagnosis of atrial arrhythmia using dimensionality reduction methods on transform domain representation. <i>Biomedical Signal Processing and Control</i> , 2014 , 13, 295-305	4.9	72
118	Electroencephalograms in Diagnosis of Autism. 2014 , 327-343		2
117	EEG-neurofeedback and psychodynamic psychotherapy in a case of adolescent anhedonia with substance misuse: mood/theta relations. 2014 , 93, 84-95		15
116	A Novel Image Registration Algorithm for Indoor and Built Environment Applications. 2015 , 30, 802-814		15
115	Electroencephalography signatures of attention-deficit/hyperactivity disorder: clinical utility. 2015 , 11, 2755-69		10
114	Selection of Mother Wavelet Functions for Multi-Channel EEG Signal Analysis during a Working Memory Task. 2015 , 15, 29015-35		88
113	Your Brain on Art: Emergent Cortical Dynamics During Aesthetic Experiences. 2015 , 9, 626		29

112	Assessment of ADHD Through Electroencephalographic Measures of Functional Connectivity. 2015,		3
111	Synchrosqueezed wavelet transform-fractality model for locating, detecting, and quantifying damage in smart highrise building structures. 2015, 24, 065034		95
110	Non-linear EEG analysis in children with attention-deficit/ hyperactivity disorder during the rest condition. 2015,		3
109	Wavelet-based EEG processing for computer-aided seizure detection and epilepsy diagnosis. 2015, 26, 56-64		303
108	Real-time EEG-based detection of fatigue driving danger for accident prediction. <i>International Journal of Neural Systems,</i> 2015, 25, 1550002	6.2	61
107	Kernel collaborative representation-based automatic seizure detection in intracranial EEG. <i>International Journal of Neural Systems,</i> 2015, 25, 1550003	6.2	31
106	An auditory brainstem response-based expert system for ADHD diagnosis using recurrence qualification analysis and wavelet support vector machine. 2015,		0
105	Application of Entropy Measures on Intrinsic Mode Functions for the Automated Identification of Focal Electroencephalogram Signals. <i>Entropy,</i> 2015, 17, 669-691	2.8	218
104	Wavelet methodology to improve single unit isolation in primary motor cortex cells. 2015, 246, 106-18		39
103	EPILEPTIC EEG CLASSIFICATION USING NONLINEAR PARAMETERS ON DIFFERENT FREQUENCY BANDS. 2015, 15, 1550040		30
102	Classification of obsessive compulsive disorder by EEG complexity and hemispheric dependency measurements. <i>International Journal of Neural Systems,</i> 2015, 25, 1550010	6.2	37
101	Computer-Aided Diagnosis of Parkinson's Disease Using Enhanced Probabilistic Neural Network. 2015, 39, 179		92
100	Spotting psychopaths using technology. 2015, 26, 721-32		3
99	EEG classification of adolescents with type I and type II of bipolar disorder. 2015, 38, 551-9		22
98	Multifractal Analysis and Relevance Vector Machine-Based Automatic Seizure Detection in Intracranial EEG. <i>International Journal of Neural Systems,</i> 2015, 25, 1550020	6.2	71
97	Assembling A Multi-Feature EEG Classifier for Left-Right Motor Imagery Data Using Wavelet-Based Fuzzy Approximate Entropy for Improved Accuracy. <i>International Journal of Neural Systems,</i> 2015, 25, 1550037	6.2	52
96	Resting state functional magnetic resonance imaging processing techniques in stroke studies. 2016 , 27, 871-885		14
95	Asynchronous Detection of Trials Onset from Raw EEG Signals. <i>International Journal of Neural Systems,</i> 2016, 26, 1650034	6.2	2

94	EEG classification of ADHD and normal children using non-linear features and neural network. 2016 , 6, 66-73		69
93	An integrated feature ranking and selection framework for ADHD characterization. 2016 , 3, 145-155		11
92	Epileptic Seizure Detection with Log-Euclidean Gaussian Kernel-Based Sparse Representation. <i>International Journal of Neural Systems</i> , 2016 , 26, 1650011	6.2	22
91	An Improved Sparse Representation over Learned Dictionary Method for Seizure Detection. <i>International Journal of Neural Systems</i> , 2016 , 26, 1550035	6.2	24
90	EEG Alpha and Gamma Modulators Mediate Motion Sickness-Related Spectral Responses. <i>International Journal of Neural Systems</i> , 2016 , 26, 1650007	6.2	26
89	Nonlinear Dynamics Measures for Automated EEG-Based Sleep Stage Detection. 2015 , 74, 268-87		57
88	Analysis of the Complexity Measures in the EEG of Schizophrenia Patients. <i>International Journal of Neural Systems</i> , 2016 , 26, 1650008	6.2	45
87	Emotion Recognition with Eigen Features of Frequency Band Activities Embedded in Induced Brain Oscillations Mediated by Affective Pictures. <i>International Journal of Neural Systems</i> , 2016 , 26, 1650013	6.2	21
86	The variability of EEG functional connectivity of young ADHD subjects in different resting states. <i>Clinical Neurophysiology</i> , 2016 , 127, 1321-1330	4.3	24
85	Superlinear Summation of Information in Premotor Neuron Pairs. <i>International Journal of Neural Systems</i> , 2017 , 27, 1650009	6.2	15
84	Sparse Bayesian Learning for Obtaining Sparsity of EEG Frequency Bands Based Feature Vectors in Motor Imagery Classification. <i>International Journal of Neural Systems</i> , 2017 , 27, 1650032	6.2	145
83	Diagnosing ASD with fractal analysis. <i>Advances in Autism</i> , 2017 , 3, 47-56	1.2	3
82	Graph Theory and Brain Connectivity in Alzheimer's Disease. <i>Neuroscientist</i> , 2017 , 23, 616-626	7.6	78
81	Complexity of weighted graph: A new technique to investigate structural complexity of brain activities with applications to aging and autism. <i>Neuroscience Letters</i> , 2017 , 650, 103-108	3.3	45
80	Correlated EEG Signals Simulation Based on Artificial Neural Networks. <i>International Journal of Neural Systems</i> , 2017 , 27, 1750008	6.2	4
79	Machine-based classification of ADHD and nonADHD participants using time/frequency features of event-related neuroelectric activity. <i>Clinical Neurophysiology</i> , 2017 , 128, 2400-2410	4.3	16
78	Machine-based learning system: Classification of ADHD and non-ADHD participants. 2017 ,		1
77	Visibility Graph from Adaptive Optimal Kernel Time-Frequency Representation for Classification of Epileptiform EEG. <i>International Journal of Neural Systems</i> , 2017 , 27, 1750005	6.2	132

76	Robust Wavelet Stabilized Footprints of Uncertainty For Fuzzy System Classifiers to Automatically Detect Sharp Waves in the EEG after Hypoxia Ischemia. <i>International Journal of Neural Systems</i> , 2017 , 27, 1650051	6.2	23
75	Identification of ADHD Cognitive Pattern Disturbances Using EEG and Wavelets Analysis. 2017 ,		3
74	Comparison of QEEG Findings between Adolescents with Attention Deficit Hyperactivity Disorder (ADHD) without Comorbidity and ADHD Comorbid with Internet Gaming Disorder. <i>Journal of Korean Medical Science</i> , 2017 , 32, 514-521	4.7	70
73	A minireview on the use of wavelet analyses on physiological signals to diagnose and characterize ADHD. <i>International Journal of Basic and Applied Sciences</i> , 2017 , 6, 57	0.1	1
72	A Permutation Disalignment Index-Based Complex Network Approach to Evaluate Longitudinal Changes in Brain-Electrical Connectivity. <i>Entropy</i> , 2017 , 19, 548	2.8	14
71	Permutation Jaccard Distance-Based Hierarchical Clustering to Estimate EEG Network Density Modifications in MCI Subjects. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 ,	10.3	39
70	The ADHD effect on the actions obtained from the EEG signals. <i>Biocybernetics and Biomedical Engineering</i> , 2018 , 38, 425-437	5.7	8
69	EEG signal analysis for early diagnosis of Alzheimer disease using spectral and wavelet based features. <i>International Journal of Information Technology (Singapore)</i> , 2018 , 10, 403-412	1.4	7
68	Diagnosing the ADHD Using a Mixture of Expert Fuzzy Models. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 1282-1296	3.6	11
67	Neurophysiological Analysis of the Genesis Mechanism of EEG During the Interictal and Ictal Periods Using a Multiple Neural Masses Model. <i>International Journal of Neural Systems</i> , 2018 , 28, 1750027	6.2	3
66	A Novel Multilayer Correlation Maximization Model for Improving CCA-Based Frequency Recognition in SSVEP Brain-Computer Interface. <i>International Journal of Neural Systems</i> , 2018 , 28, 1750039	6.3	51
65	Aberrant Modulation of Brain Oscillatory Activity and Attentional Impairment in Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 19-29	3.4	19
64	Functional brain dynamic analysis of ADHD and control children using nonlinear dynamical features of EEG signals. <i>Journal of Integrative Neuroscience</i> , 2018 , 17, 17-30	1.5	30
63	Neural Oscillation Correlates Chemistry Decision-Making. <i>International Journal of Neural Systems</i> , 2018 , 28, 1750031	6.2	3
62	EEG Based Decision Support System to Diagnose Adults with ADHD. 2018 ,		4
61	Evaluation of Two Types of Drug Treatment with QEEG in Children with ADHD. <i>Translational Neuroscience</i> , 2018 , 9, 106-116	1.2	8
60	Introduction. 2018 , 1-24		
59	Denosing Sparse Autoencoder-Based Ictal EEG Classification. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018 , 26, 1717-1726	4.8	33

58	FOCUS: Detecting ADHD Patients by an EEG-Based Serious Game. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018 , 67, 1512-1520	5.2	34
57	Classification Accuracy of Neuroimaging Biomarkers in Attention-Deficit/Hyperactivity Disorder: Effects of Sample Size and Circular Analysis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 108-120	3.4	22
56	Leveraging network analysis to support experts in their analyses of subjects with MCI and AD. <i>Medical and Biological Engineering and Computing</i> , 2019 , 57, 1961-1983	3.1	1
55	A systematic survey of computer-aided diagnosis in medicine: Past and present developments. <i>Expert Systems With Applications</i> , 2019 , 138, 112821	7.8	70
54	Discrimination of Focal and Non-Focal Seizures From EEG Signals Using Sliding Mode Singular Spectrum Analysis. <i>IEEE Sensors Journal</i> , 2019 , 19, 12286-12296	4	20
53	No evidence of associations between ADHD and event-related brain potentials from a continuous performance task in a population-based sample of adolescent twins. <i>PLoS ONE</i> , 2019 , 14, e0223460	3.7	6
52	Latent Phase Detection of Hypoxic-Ischemic Spike Transients in the EEG of Preterm Fetal Sheep Using Reverse Biorthogonal Wavelets & Fuzzy Classifier. <i>International Journal of Neural Systems</i> , 2019 , 29, 1950013	6.2	12
51	The ADHD effect on the high-dimensional phase space trajectories of EEG signals. <i>Chaos, Solitons and Fractals</i> , 2019 , 121, 39-49	9.3	9
50	A phase entropy based novel machine learning structure conditioned for classifying ictal and non-ictal signal aimed at proper clinical diagnosis. <i>International Journal of Computational Systems Engineering</i> , 2019 , 5, 342-348	0.2	
49	Regularized Group Sparse Discriminant Analysis for P300-Based Brain-Computer Interface. <i>International Journal of Neural Systems</i> , 2019 , 29, 1950002	6.2	25
48	Synchronization of Slow Cortical Rhythms During Motor Imagery-Based Brain-Machine Interface Control. <i>International Journal of Neural Systems</i> , 2019 , 29, 1850045	6.2	13
47	Differential Effects of Simulated Cortical Network Lesions on Synchrony and EEG Complexity. <i>International Journal of Neural Systems</i> , 2019 , 29, 1850024	6.2	11
46	Using Dictionary Pair Learning for Seizure Detection. <i>International Journal of Neural Systems</i> , 2019 , 29, 1850005	6.2	18
45	Phase Space Reconstruction of EEG Signals for Classification of ADHD and Control Adults. <i>Clinical EEG and Neuroscience</i> , 2020 , 51, 102-113	2.3	13
44	Functional EEG connectivity is a neuromarker for adult attention deficit hyperactivity disorder symptoms. <i>Clinical Neurophysiology</i> , 2020 , 131, 330-342	4.3	14
43	Automatic Seizure Detection Based on S-Transform and Deep Convolutional Neural Network. <i>International Journal of Neural Systems</i> , 2020 , 30, 1950024	6.2	38
42	EEG for Diagnosis of Adult ADHD: A Systematic Review With Narrative Analysis. <i>Frontiers in Psychiatry</i> , 2020 , 11, 871	5	6
41	Intrinsic Synchronization Analysis of Brain Activity in Obsessive-compulsive Disorders. <i>International Journal of Neural Systems</i> , 2020 , 30, 2050046	6.2	3

40	Investigation of Brain Functional Networks in Children Suffering from Attention Deficit Hyperactivity Disorder. <i>Brain Topography</i> , 2020 , 33, 733-750	4.3	2
39	Resting-state EEG Connectivity in Young Children with ADHD. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2021 , 50, 746-762	5.4	11
38	Diagnosis of Attention Deficit Hyperactivity Disorder with combined time and frequency features. <i>Biocybernetics and Biomedical Engineering</i> , 2020 , 40, 927-937	5.7	7
37	Reachability Analysis of Neural Masses and Seizure Control Based on Combination Convolutional Neural Network. <i>International Journal of Neural Systems</i> , 2020 , 30, 1950023	6.2	13
36	Attention Deficit Hyperactivity Disorder Diagnosis using non-linear univariate and multivariate EEG measurements: a preliminary study. <i>Physical and Engineering Sciences in Medicine</i> , 2020 , 43, 577-592	7	14
35	Deep Learning Convolutional Neural Networks Discriminate Adult ADHD From Healthy Individuals on the Basis of Event-Related Spectral EEG. <i>Frontiers in Neuroscience</i> , 2020 , 14, 251	5.1	23
34	Computer aided diagnosis system using deep convolutional neural networks for ADHD subtypes. <i>Biomedical Signal Processing and Control</i> , 2021 , 63, 102227	4.9	16
33	Global research on artificial intelligence-enhanced human electroencephalogram analysis. <i>Neural Computing and Applications</i> , 1	4.8	2
32	Diagnosis of attention deficit and hyperactivity disorder (ADHD) using Hidden Markov Models. 2021 ,		1
31	Online therapy to reduce caregiver's distress and to stimulate post-severe acquired brain injury motor and cognitive recovery: A Sicilian hospital experience in the COVID era. <i>Journal of Telemedicine and Telecare</i> , 2021 , 1357633X21990195	6.8	1
30	Improvement of brain functional connectivity in autism spectrum disorder: an exploratory study on the potential use of virtual reality. <i>Journal of Neural Transmission</i> , 2021 , 128, 371-380	4.3	4
29	Automated detection of conduct disorder and attention deficit hyperactivity disorder using decomposition and nonlinear techniques with EEG signals. <i>Computer Methods and Programs in Biomedicine</i> , 2021 , 200, 105941	6.9	22
28	Direction of information flow between brain regions in ADHD and healthy children based on EEG by using directed phase transfer entropy. <i>Cognitive Neurodynamics</i> , 2021 , 15, 975-986	4.2	6
27	Increased frontal synchronization likelihood in ADHD children. 2021 ,		
26	Functional neuronal networks reveal emotional processing differences in children with ADHD.. <i>Cognitive Neurodynamics</i> , 2022 , 16, 91-100	4.2	3
25	Detection of ADHD From EEG Signals Using Different Entropy Measures and ANN. <i>Clinical EEG and Neuroscience</i> , 2022 , 53, 12-23	2.3	6
24	Synchronization Analysis In Epileptic EEG Signals Via State Transfer Networks Based On Visibility Graph Technique. <i>International Journal of Neural Systems</i> , 2021 , 2150041	6.2	0
23	Wavelet-Chaos-Neural Network Models for EEG-Based Diagnosis of Neurological Disorders. <i>Lecture Notes in Computer Science</i> , 2010 , 1-11	0.9	2

22	A deep learning approach with event-related spectral EEG data in attentional deficit hyperactivity disorder.		1
21	Kuramoto Model-Based Analysis Reveals Oxytocin Effects on Brain Network Dynamics. <i>International Journal of Neural Systems</i> , 2021 , 2250002	6.2	1
20	ADHD diagnosis in children using Common spatial pattern and Nonlinear Analysis of Filter banked EEG. 2020 ,		1
19	Patient-Independent Seizure Detection Based on Channel-Perturbation Convolutional Neural Network and Bidirectional Long Short-Term Memory. <i>International Journal of Neural Systems</i> , 2021 , 2150051	6.2	2
18	Automated classification of attention deficit hyperactivity disorder and conduct disorder using entropy features with ECG signals.. <i>Computers in Biology and Medicine</i> , 2021 , 140, 105120	7	3
17	Supported Diagnosis of Attention Deficit and Hyperactivity Disorder from EEG Based on Interpretable Kernels for Hidden Markov Models.. <i>International Journal of Neural Systems</i> , 2022 , 2250008	6.2	2
16	Convolutional neural network based on recurrence plot for EEG recognition.. <i>Chaos</i> , 2021 , 31, 123120	3.3	0
15	The ADHD effects on partial opposites in trigonometric plots obtained from the EEG signals. <i>Chaos, Solitons and Fractals</i> , 2022 , 158, 112021	9.3	
14	Detection of ADHD Disorder Using Dynamic Connectivity Tensors in Bidirectional Circular Reservoir Computing. 2021 ,		
13	Automated detection of ADHD: Current trends and future perspective.. <i>Computers in Biology and Medicine</i> , 2022 , 146, 105525	7	1
12	Data_Sheet_1.PDF. 2020 ,		
11	New interdependence feature of EEG signals as a biomarker of timing deficits evaluated in Attention-Deficit/Hyperactivity Disorder detection. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022 , 199, 111468	4.6	3
10	Differentiating Brain Connectivity Networks in ADHD and Normal Children using EEG. 2022 ,		
9	VHERS: A Novel Variational Mode Decomposition and Hilbert Transform-Based EEG Rhythm Separation for Automatic ADHD Detection. 2022 , 71, 1-10		0
8	Detection and Classification of ADHD from EEG Signals Using Tunable Q-Factor Wavelet Transform. 2022 , 2022, 1-17		0
7	Attention deficit hyperactivity disorder detection in children using multivariate empirical EEG decomposition approaches: A comprehensive analytical study. 2023 , 213, 119219		0
6	Detection of ADHD cases using CNN and classical classifiers of raw EEG. 2022 , 100080		0
5	A Robust edge detection technique for bone extraction from X-ray images based on image processing techniques.		0

- 4 Synchronization in functional brain networks of children suffering from ADHD based on Hindmarsh-Rose neuronal model. **2023**, 152, 106461
- 3 Effective Epileptic Seizure Detection by Classifying Focal and Non-focal EEG Signals using Human Learning Optimization-based Hidden Markov Model. **2023**, 83, 104682
- 2 Evaluation of Risk of Bias in Neuroimaging-Based Artificial Intelligence Models for Psychiatric Diagnosis. **2023**, 6, e231671
- 1 Optimal Channels and Features Selection Based ADHD Detection From EEG Signal Using Statistical and Machine Learning Techniques. **2023**, 11, 33570-33583