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**Fuzzy synchronization likelihood with application to attention-deficit/hyperactivity disorder**

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**Clinical EEG and Neuroscience, 2011, 42, 6-13.**

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#	Paper	IF	Citations
120	Application of recurrence quantification analysis for the automated identification of epileptic EEG signals. <i>International Journal of Neural Systems</i> , <b>2011</b> , 21, 199-211	6.2	213
119	Automatic detection of epileptic EEG signals using higher order cumulant features. <i>International Journal of Neural Systems</i> , <b>2011</b> , 21, 403-14	6.2	142
118	Functional community analysis of brain: a new approach for EEG-based investigation of the brain pathology. <b>2011</b> , 58, 401-8		136
117	Smart structures: Part II Hybrid control systems and control strategies. <b>2011</b> , 18, 285-295		108
116	HeartSaver: a mobile cardiac monitoring system for auto-detection of atrial fibrillation, myocardial infarction, and atrio-ventricular block. <b>2011</b> , 41, 211-20		49
115	Excitement and synchronization of small-world neuronal networks with short-term synaptic plasticity. <i>International Journal of Neural Systems</i> , <b>2011</b> , 21, 415-25	6.2	28
114	Finite dimensional structure of the GPI discharge in patients with Parkinson's disease. <i>International Journal of Neural Systems</i> , <b>2011</b> , 21, 175-86	6.2	15
113	Application of empirical mode decomposition (emd) for automated detection of epilepsy using EEG signals. <i>International Journal of Neural Systems</i> , <b>2012</b> , 22, 1250027	6.2	154
112	Wavelet coherence model for diagnosis of Alzheimer disease. <i>Clinical EEG and Neuroscience</i> , <b>2012</b> , 43, 268-78	2.3	106
111	Application of multiscale amplitude modulation features and fuzzy C-means to brain-computer interface. <i>Clinical EEG and Neuroscience</i> , <b>2012</b> , 43, 32-8	2.3	18
110	Enhanced active segment selection for single-trial EEG classification. <i>Clinical EEG and Neuroscience</i> , <b>2012</b> , 43, 87-96	2.3	18
109	Application of non-linear and wavelet based features for the automated identification of epileptic EEG signals. <i>International Journal of Neural Systems</i> , <b>2012</b> , 22, 1250002	6.2	216
108	Graph theoretical analysis of organization of functional brain networks in ADHD. <i>Clinical EEG and Neuroscience</i> , <b>2012</b> , 43, 5-13	2.3	129
107	Artificial neural network based approach to EEG signal simulation. <i>International Journal of Neural Systems</i> , <b>2012</b> , 22, 1250008	6.2	13
106	Automated diagnosis of normal and alcoholic EEG signals. <i>International Journal of Neural Systems</i> , <b>2012</b> , 22, 1250011	6.2	99
105	Visibility graph similarity: A new measure of generalized synchronization in coupled dynamic systems. <b>2012</b> , 241, 326-332		123
104	Improved visibility graph fractality with application for the diagnosis of Autism Spectrum Disorder. <b>2012</b> , 391, 4720-4726		143

103	Which attention-deficit/hyperactivity disorder children will be improved through neurofeedback therapy? A graph theoretical approach to neocortex neuronal network of ADHD. <b>2012</b> , 516, 156-60		21
102	Fractality analysis of frontal brain in major depressive disorder. <b>2012</b> , 85, 206-11		163
101	Fuzzy Synchronization Likelihood-wavelet methodology for diagnosis of autism spectrum disorder. <b>2012</b> , 211, 203-9		118
100	An auditory brain-computer interface with accuracy prediction. <i>International Journal of Neural Systems</i> , <b>2012</b> , 22, 1250009	6.2	35
99	Biologically inspired face recognition: toward pose-invariance. <i>International Journal of Neural Systems</i> , <b>2012</b> , 22, 1250029	6.2	2
98	Use of principal component analysis for automatic classification of epileptic EEG activities in wavelet framework. <b>2012</b> , 39, 9072-9078		152
97	Down syndrome's brain dynamics: analysis of fractality in resting state. <i>Cognitive Neurodynamics</i> , <b>2013</b> , 7, 333-40	4.2	5
96	Disrupted small-world brain network in children with Down Syndrome. <b>2013</b> , 124, 1755-64		7
95	Brain-computer interface technologies: from signal to action. <b>2013</b> , 24, 537-52		139
94	Linear and nonlinear analysis of brain dynamics in children with cerebral palsy. <b>2013</b> , 34, 1388-96		11
93	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> , <b>2013</b> , 23, 1350015	6.2	45
92	Automated EEG analysis of epilepsy: A review. <b>2013</b> , 45, 147-165		402
91	A binary phase-shift keying receiver for the detection of attention to human speech. <i>International Journal of Neural Systems</i> , <b>2013</b> , 23, 1350016	6.2	14
90	Closed-loop control of the thalamocortical relay neuron's Parkinsonian state based on slow variable. <i>International Journal of Neural Systems</i> , <b>2013</b> , 23, 1350017	6.2	23
89	EEG/MEG- and imaging-based diagnosis of Alzheimer's disease. <b>2013</b> , 24, 563-76		35
88	Embedded prediction in feature extraction: application to single-trial EEG discrimination. <i>Clinical EEG and Neuroscience</i> , <b>2013</b> , 44, 31-8	2.3	14
87	Application of intrinsic time-scale decomposition (ITD) to EEG signals for automated seizure prediction. <i>International Journal of Neural Systems</i> , <b>2013</b> , 23, 1350023	6.2	78
86	Application of quantum-behaved particle swarm optimization to motor imagery EEG classification. <i>International Journal of Neural Systems</i> , <b>2013</b> , 23, 1350026	6.2	37

85	Comparison of ictal and interictal EEG signals using fractal features. <i>International Journal of Neural Systems</i> , <b>2013</b> , 23, 1350028	6.2	43
84	Evaluation and application of a hybrid brain computer interface for real wheelchair parallel control with multi-degree of freedom. <i>International Journal of Neural Systems</i> , <b>2014</b> , 24, 1450014	6.2	54
83	Detection of driving fatigue by using noncontact EMG and ECG signals measurement system. <i>International Journal of Neural Systems</i> , <b>2014</b> , 24, 1450006	6.2	73
82	Frequency recognition in SSVEP-based BCI using multiset canonical correlation analysis. <i>International Journal of Neural Systems</i> , <b>2014</b> , 24, 1450013	6.2	238
81	Adaptation-dependent synchronization transitions and burst generations in electrically coupled neural networks. <i>International Journal of Neural Systems</i> , <b>2014</b> , 24, 1450033	6.2	5
80	Epileptic EEG classification based on kernel sparse representation. <i>International Journal of Neural Systems</i> , <b>2014</b> , 24, 1450015	6.2	54
79	Aggregation of sparse linear discriminant analyses for event-related potential classification in brain-computer interface. <i>International Journal of Neural Systems</i> , <b>2014</b> , 24, 1450003	6.2	75
78	Multiple oscillatory states in models of collective neuronal dynamics. <i>International Journal of Neural Systems</i> , <b>2014</b> , 24, 1450020	6.2	24
77	Early prediction of medication refractoriness in children with idiopathic epilepsy based on scalp EEG analysis. <i>International Journal of Neural Systems</i> , <b>2014</b> , 24, 1450023	6.2	21
76	Automated diagnosis of autism: in search of a mathematical marker. <b>2014</b> , 25, 851-61		47
75	Complexity of functional connectivity networks in mild cognitive impairment subjects during a working memory task. <b>2014</b> , 125, 694-702		100
74	A Novel Image Registration Algorithm for Indoor and Built Environment Applications. <b>2015</b> , 30, 802-814		15
73	Exponential Synchronization of Two Complex Dynamical Networks of Random Disturbance with Both Mixed Coupled and Time-Varying Delay by Pinning Control. <b>2015</b> , 17, 6937-6953		3
72	A critical review: coupling and synchronization analysis methods of EEG signal with mild cognitive impairment. <b>2015</b> , 7, 54		24
71	Assessment of ADHD Through Electroencephalographic Measures of Functional Connectivity. <b>2015</b> ,		3
70	Non-linear EEG analysis in children with attention-deficit/ hyperactivity disorder during the rest condition. <b>2015</b> ,		3
69	Wavelet-based EEG processing for computer-aided seizure detection and epilepsy diagnosis. <b>2015</b> , 26, 56-64		303
68	Real-time EEG-based detection of fatigue driving danger for accident prediction. <i>International Journal of Neural Systems</i> , <b>2015</b> , 25, 1550002	6.2	61

67	Kernel collaborative representation-based automatic seizure detection in intracranial EEG. <i>International Journal of Neural Systems</i> , <b>2015</b> , 25, 1550003	6.2	31
66	Wavelet methodology to improve single unit isolation in primary motor cortex cells. <b>2015</b> , 246, 106-18		39
65	Classification of obsessive compulsive disorder by EEG complexity and hemispheric dependency measurements. <i>International Journal of Neural Systems</i> , <b>2015</b> , 25, 1550010	6.2	37
64	Phase-shift keying of EEG signals: Application to detect attention in multitalker scenarios. <b>2015</b> , 117, 165-173		10
63	Spotting psychopaths using technology. <b>2015</b> , 26, 721-32		3
62	Combining EEG Microstates with fMRI Structural Features for Modeling Brain Activity. <i>International Journal of Neural Systems</i> , <b>2015</b> , 25, 1550041	6.2	14
61	Nature Inspired Computing: An Overview and Some Future Directions. <b>2015</b> , 7, 706-714		112
60	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> , <b>2015</b> , 25, 1550037	6.2	52
59	Generalized Models for the Classification of Abnormal Movements in Daily Life and its Applicability to Epilepsy Convulsion Recognition. <i>International Journal of Neural Systems</i> , <b>2016</b> , 26, 1650037	6.2	36
58	Personalized and context-aware retrieval based on fuzzy ontology profiling. <b>2016</b> , 24, 87-103		6
57	Asynchronous Detection of Trials Onset from Raw EEG Signals. <i>International Journal of Neural Systems</i> , <b>2016</b> , 26, 1650034	6.2	2
56	Epileptic Seizure Detection with Log-Euclidean Gaussian Kernel-Based Sparse Representation. <i>International Journal of Neural Systems</i> , <b>2016</b> , 26, 1650011	6.2	22
55	A Structural Parametrization of the Brain Using Hidden Markov Models-Based Paths in Alzheimer's Disease. <i>International Journal of Neural Systems</i> , <b>2016</b> , 26, 1650024	6.2	21
54	An Improved Sparse Representation over Learned Dictionary Method for Seizure Detection. <i>International Journal of Neural Systems</i> , <b>2016</b> , 26, 1550035	6.2	24
53	Reduction of Delay in Detecting Initial Dips from Functional Near-Infrared Spectroscopy Signals Using Vector-Based Phase Analysis. <i>International Journal of Neural Systems</i> , <b>2016</b> , 26, 1650012	6.2	83
52	Discriminating Multiple Emotional States from EEG Using a Data-Adaptive, Multiscale Information-Theoretic Approach. <i>International Journal of Neural Systems</i> , <b>2016</b> , 26, 1650005	6.2	24
51	EEG Alpha and Gamma Modulators Mediate Motion Sickness-Related Spectral Responses. <i>International Journal of Neural Systems</i> , <b>2016</b> , 26, 1650007	6.2	26
50	Nonlinear Dynamics Measures for Automated EEG-Based Sleep Stage Detection. <b>2015</b> , 74, 268-87		57

49	Analysis of the Complexity Measures in the EEG of Schizophrenia Patients. <i>International Journal of Neural Systems</i> , <b>2016</b> , 26, 1650008	6.2	45
48	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> , <b>2016</b> , 26, 1650013	6.2	21
47	A General Approach for Quantifying Nonlinear Connectivity in the Nervous System Based on Phase Coupling. <i>International Journal of Neural Systems</i> , <b>2016</b> , 26, 1550031	6.2	39
46	Superlinear Summation of Information in Premotor Neuron Pairs. <i>International Journal of Neural Systems</i> , <b>2017</b> , 27, 1650009	6.2	15
45	Sparse Bayesian Learning for Obtaining Sparsity of EEG Frequency Bands Based Feature Vectors in Motor Imagery Classification. <i>International Journal of Neural Systems</i> , <b>2017</b> , 27, 1650032	6.2	145
44	Novel visual information indexing in relational databases. <b>2017</b> , 24, 119-128		16
43	Graph Theory and Brain Connectivity in Alzheimer's Disease. <b>2017</b> , 23, 616-626		78
42	Complexity of weighted graph: A new technique to investigate structural complexity of brain activities with applications to aging and autism. <b>2017</b> , 650, 103-108		45
41	Correlated EEG Signals Simulation Based on Artificial Neural Networks. <i>International Journal of Neural Systems</i> , <b>2017</b> , 27, 1750008	6.2	4
40	Computer-aided prediction of extent of motor recovery following constraint-induced movement therapy in chronic stroke. <b>2017</b> , 329, 191-199		18
39	An improved synchronization likelihood method for quantifying neuronal synchrony. <b>2017</b> , 91, 80-95		7
38	Visibility Graph from Adaptive Optimal Kernel Time-Frequency Representation for Classification of Epileptiform EEG. <i>International Journal of Neural Systems</i> , <b>2017</b> , 27, 1750005	6.2	132
37	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> , <b>2017</b> , 27, 1650051	6.2	23
36	Comparison of QEEG Findings between Adolescents with Attention Deficit Hyperactivity Disorder (ADHD) without Comorbidity and ADHD Comorbid with Internet Gaming Disorder. <b>2017</b> , 32, 514-521		70
35	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> , <b>2018</b> , 28, 1750027	6.2	3
34	Functional brain dynamic analysis of ADHD and control children using nonlinear dynamical features of EEG signals. <b>2018</b> , 17, 17-30		30
33	Neural Oscillation Correlates Chemistry Decision-Making. <i>International Journal of Neural Systems</i> , <b>2018</b> , 28, 1750031	6.2	3
32	EEG Seizure Detection with Low Ranked Shared Dictionary Learning and Slantlet Transform. <b>2018</b> ,		1

31	Parkinson's disease: Cause factors, measurable indicators, and early diagnosis. <b>2018</b> , 102, 234-241		71
30	Denosing Sparse Autoencoder-Based Ictal EEG Classification. <b>2018</b> , 26, 1717-1726		33
29	Multiscale Entropy Analysis for Recognition of Visually Elicited Negative Stress From EEG Recordings. <i>International Journal of Neural Systems</i> , <b>2019</b> , 29, 1850038	6.2	29
28	Decoding knee angle trajectory from electroencephalogram signal using NARX neural network and a new channel selection algorithm. <b>2019</b> , 5, 025024		2
27	Synchronization of Slow Cortical Rhythms During Motor Imagery-Based Brain-Machine Interface Control. <i>International Journal of Neural Systems</i> , <b>2019</b> , 29, 1850045	6.2	13
26	Differential Effects of Simulated Cortical Network Lesions on Synchrony and EEG Complexity. <i>International Journal of Neural Systems</i> , <b>2019</b> , 29, 1850024	6.2	11
25	A Novel Method of Building Functional Brain Network Using Deep Learning Algorithm with Application in Proficiency Detection. <i>International Journal of Neural Systems</i> , <b>2019</b> , 29, 1850015	6.2	29
24	Using Dictionary Pair Learning for Seizure Detection. <i>International Journal of Neural Systems</i> , <b>2019</b> , 29, 1850005	6.2	18
23	Phase Space Reconstruction of EEG Signals for Classification of ADHD and Control Adults. <i>Clinical EEG and Neuroscience</i> , <b>2020</b> , 51, 102-113	2.3	13
22	Automatic Seizure Detection Based on S-Transform and Deep Convolutional Neural Network. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 1950024	6.2	38
21	FSIFT-PLV: An emerging phase synchrony index. <b>2020</b> , 57, 101764		3
20	Intrinsic Synchronization Analysis of Brain Activity in Obsessive-compulsive Disorders. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 2050046	6.2	3
19	Dyslexia Diagnosis by EEG Temporal and Spectral Descriptors: An Anomaly Detection Approach. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 2050029	6.2	8
18	Reachability Analysis of Neural Masses and Seizure Control Based on Combination Convolutional Neural Network. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 1950023	6.2	13
17	The Impact of Repetitive Transcranial Magnetic Stimulation on Functional Connectivity in Major Depressive Disorder and Bipolar Disorder Evaluated by Directed Transfer Function and Indices Based on Graph Theory. <i>International Journal of Neural Systems</i> , <b>2020</b> , 30, 2050015	6.2	13
16	'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> , <b>2021</b> , 1357633X21990195	6.8	1
15	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> , <b>2021</b> , 128, 371-380	4.3	4
14	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> , <b>2021</b> , 15, 975-986	4.2	6

13	Closeness-centrality-correlation for detecting interdependency between coupled systems. <i>Modern Physics Letters B</i> , <b>2021</b> , 35, 2150216	1.6	1
12	Functional neuronal networks reveal emotional processing differences in children with ADHD.. <i>Cognitive Neurodynamics</i> , <b>2022</b> , 16, 91-100	4.2	3
11	The effect of photic stimulation alone and in combination with sleep deprivation after a seizure-like event - reappraisal by using linear and nonlinear EEG methods. <i>Neurological Research</i> , <b>2021</b> , 1-8	2.7	
10	Analysis of Effective Connectivity Strength in Children with Attention Deficit Hyperactivity Disorder Using Phase Transfer Entropy.. <i>Iranian Journal of Psychiatry</i> , <b>2021</b> , 16, 374-382	1.9	1
9	Synchronization Analysis In Epileptic EEG Signals Via State Transfer Networks Based On Visibility Graph Technique. <i>International Journal of Neural Systems</i> , <b>2021</b> , 2150041	6.2	0
8	Automatic detection for epileptic seizure using graph-regularized nonnegative matrix factorization and Bayesian linear discriminate analysis. <i>Biocybernetics and Biomedical Engineering</i> , <b>2021</b> , 41, 1258-1271	5.7	2
7	Deep Learning in the EEG Diagnosis of Alzheimer's Disease. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 340-353	0.9	15
6	Wavelet-Chaos-Neural Network Models for EEG-Based Diagnosis of Neurological Disorders. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 1-11	0.9	2
5	Prediction of rat behavior outcomes in memory tasks using functional connections among neurons. <i>PLoS ONE</i> , <b>2013</b> , 8, e74298	3.7	6
4	Patient-Independent Seizure Detection Based on Channel-Perturbation Convolutional Neural Network and Bidirectional Long Short-Term Memory. <i>International Journal of Neural Systems</i> , <b>2021</b> , 2150051	6.2	2
3	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> , <b>2022</b> , 2250008	6.2	
2	Automatic Diagnosis of Schizophrenia in EEG Signals Using Functional Connectivity Features and CNN-LSTM Model. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 63-73	0.9	0
1	Analysis of EEG brain connectivity of children with ADHD using graph theory and directional information transfer. <b>2022</b> ,		0