Citation Report

List of articles citing

Approximate entropy in the electroencephalogram during wake and sleep

DOI: 10.1177/155005940503600106
Clinical EEG and Neuroscience, 2005, 36, 21-4.

Source: https://exaly.com/paper-pdf/39047426/citation-report.pdf
Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
125	Combination of linear and nonlinear methods on electroencephalogram state recognition. **2005**, 2005, 4604-5		1
124	Approximate entropy of the electroencephalogram in healthy awake subjects and absence epilepsy patients. *Clinical EEG and Neuroscience*, **2005**, 36, 188-93	2.3	36
123	Approximate entropy as a measure of irregularity for psychiatric serial metrics. **2006**, 8, 430-40		106
122	Analysis of fear memory signals in the rat amygdala and thalamus. **2007**,		
121	Monitoring sleepiness with on-board electrophysiological recordings for preventing sleep-deprived traffic accidents. **2007**, 118, 1906-22		189
120	Use of sample entropy approach to study heart rate variability in obstructive sleep apnea syndrome. **2007**, 54, 1900-4		159
119	Comparison of the effects of continuous and pulsed mobile phone like RF exposure on the human EEG. **2007**, 30, 274-80		23
118	Inverse relations in the patterns of muscle and center of pressure dynamics during standing still and movement postures. **2007**, 181, 347-58		15
117	Adaptive computation of approximate entropy and its application in integrative analysis of irregularity of heart rate variability and intracranial pressure signals. **2008**, 30, 631-9		32
116	Can state or response entropy be used as a measure of sleep depth?. **2008**, 63, 1309-13		3
115	MULTISCALE ENTROPY ANALYSIS OF EEG RECORDINGS IN EPILEPTIC RATS. **2009**, 21, 169-176		12
114	Age-related variation in EEG complexity to photic stimulation: a multiscale entropy analysis. **2009**, 120, 476-83		93
113	Mutual information analysis of EEG signals indicates age-related changes in cortical interdependence during sleep in middle-aged versus elderly women. **2010**, 27, 274-84		18
112	Linear and non-linear EEG analysis of adolescents with attention-deficit/hyperactivity disorder during a cognitive task. **2010**, 121, 1863-70		62
111	Antipsychotics reverse abnormal EEG complexity in drug-naive schizophrenia: a multiscale entropy analysis. **2010**, 51, 173-82		178
110	Application of nonlinear dynamics analysis in assessing unconsciousness: a preliminary study. **2011**, 122, 490-498		53
109	EEG complexity drug-induced changes in disorders of consciousness: a preliminary report. **2011**, 2011, 3724-7		5

108	The use of permutation entropy to characterize sleep electroencephalograms. *Clinical EEG and Neuroscience*, **2011**, 42, 24-8	2.3	54
107	Detection of lapses in responsiveness from the EEG. **2011**, 8, 016003		43
106	Nonrandomness, nonlinear dependence, and nonstationarity of electroencephalographic recordings from epilepsy patients. **2012**, 86, 046206		208
105	Investigation of changes in EEG complexity during memory retrieval: the effect of midazolam. **2012** , 6, 537-46		15
104	Decreased cortical complexity in methamphetamine abusers. **2012**, 201, 226-32		21
103	Automatic Stage Scoring of Single-Channel Sleep EEG by Using Multiscale Entropy and Autoregressive Models. **2012**, 61, 1649-1657		191
102	Dynamic characteristics of absence EEG recordings with multiscale permutation entropy analysis. **2013**, 104, 246-52		70
101	Cross-Approximate Entropy parallel computation on GPUs for biomedical signal analysis. Application to MEG recordings. **2013**, 112, 189-99		9
100	Effects of transcranial direct current stimulation on language improvement and cortical activation in nonfluent variant primary progressive aphasia. **2013**, 549, 29-33		38
99	Electroencephalogram approximate entropy influenced by both age and sleep. **2013**, 7, 33		23
98	Automated analysis of background EEG and reactivity during therapeutic hypothermia in comatose patients after cardiac arrest. *Clinical EEG and Neuroscience*, **2014**, 45, 6-13	2.3	72
97	Ordinal Patterns, Entropy, and EEG. **2014**, 16, 6212-6239		53
96	Neural network-based classification of anesthesia/awareness using Granger causality features. *Clinical EEG and Neuroscience*, **2014**, 45, 77-88	2.3	9
95	Detecting number processing and mental calculation in patients with disorders of consciousness using a hybrid brain-computer interface system. **2015**, 15, 259		21
94	Classification and analysis of EEG signals for imagined motor movements. **2015**,		5
93	Complexity of Multi-Dimensional Spontaneous EEG Decreases during Propofol Induced General Anaesthesia. **2015**, 10, e0133532		138
92	Automatic detection of alertness/drowsiness from physiological signals using wavelet-based nonlinear features and machine learning. **2015**, 42, 7344-7355		99
91	Characterization of Daytime Sleepiness by Time–Frequency Measures of EEG Signals. **2015**, 35, 406-417		2

90	1st Global Conference on Biomedical Engineering & 9th Asian-Pacific Conference on Medical and Biological Engineering. **2015**,		1
89	Measuring entropy in functional neuroscience: pathophysiological and clinical applications. **2016**, Volume 5, 45-53		7
88	Chronomics and Continuous Ambulatory Blood Pressure Monitoring. **2016**,		7
87	Progressive change in sleep over multiple nights of intracranial EEG monitoring. **2016**, 127, 2302-7		2
86	Evidence of Chaos in EEG Signals: An Application to BCI. **2016**, 609-625		3
85	Single-channel EEG-based mental fatigue detection based on deep belief network. **2016**, 2016, 367-370		12
84	Introduction to Chronobioengineering. **2016**, 271-303		
83	Monitoring sleep depth: analysis of bispectral index (BIS) based on polysomnographic recordings and sleep deprivation. **2017**, 31, 103-110		15
82	A hierarchical classification method for automatic sleep scoring using multiscale entropy features and proportion information of sleep architecture. **2017**, 37, 263-271		17
81	Increased spontaneous MEG signal diversity for psychoactive doses of ketamine, LSD and psilocybin. **2017**, 7, 46421		146
80	Osmotic stress decreases complexity underlying the electrophysiological dynamic in soybean. **2017**, 19, 702-708		18
79	Characterisation of the Effects of Sleep Deprivation on the Electroencephalogram Using Permutation Lempel□iv Complexity, a Non-Linear Analysis Tool. **2017**, 19, 673		6
78	Global and local complexity of intracranial EEG decreases during NREM sleep. **2017**, 2017, niw022		52
77	The entropic brain - revisited. **2018**, 142, 167-178		131
76	Toward an Attention-Based Diagnostic Tool for Patients With Locked-in Syndrome. *Clinical EEG and Neuroscience*, **2018**, 49, 122-135	2.3	10
75	Nonlinear dynamical analysis of sleep electroencephalography using fractal and entropy approaches. **2018**, 37, 85-93		61
74	Measures of entropy and complexity in altered states of consciousness. **2018**, 12, 73-84		46
73	Univariate and multivariate conditional entropy measures for the characterization of short-term cardiovascular complexity under physiological stress. **2018**, 39, 014002		20

72	Portable Drowsiness Detection through Use of a Prefrontal Single-Channel Electroencephalogram. **2018**, 18,		35
71	Sample Entropy in Electrocardiogram During Atrial Fibrillation. **2018**, 61, 49-57		6
70	Entropy-based feature extraction and classification of vibroarthographic signal using complete ensemble empirical mode decomposition with adaptive noise. **2018**, 12, 350-359		22
69	Estimation of Complexity of Sampled Biomedical Continuous Time Signals Using Approximate Entropy. **2018**, 9, 710		16
68	Quantifying interdependence using the missing joint ordinal patterns. **2019**, 29, 073114		1
67	Entropy Measures as Descriptors to Identify Apneas in Rheoencephalographic Signals. **2019**, 21,		1
66	Consciousness-specific dynamic interactions of brain integration and functional diversity. **2019**, 10, 4616		72
65	On the development of sleep states in the first weeks of life. **2019**, 14, e0224521		3
64	Evaluating Complexity of Fetal MEG Signals: A Comparison of Different Metrics and Their Applicability. *Frontiers in Systems Neuroscience*, **2019**, 13, 23	3.5	5
63	Ensemble learning algorithm based on multi-parameters for sleep staging. **2019**, 57, 1693-1707		15
62	Alterations in EEG connectivity in healthy young adults provide an indicator of sleep depth. **2019**, 42,		5
61	Plant electrome: the electrical dimension of plant life. **2019**, 31, 21-46		19
60	EEG Based Sleep-Awake Classification Using Sample Entropy and Band Power Ratio. **2019**,		1
59	Electrophysiological assessment of plant status outside a Faraday cage using supervised machine learning. **2019**, 9, 17073		14
58	The application of multiscale joint permutation entropy on multichannel sleep electroencephalography. **2019**, 9, 125214		2
57	Automatic scoring of non-apnoea arousals using hand-crafted features from the polysomnogram. **2019**, 40, 124001		2
56	Schlaf und Epilepsie in intrakraniellen Ableitungen. **2019**, 32, 29-36		
55	Changes in EEG multiscale entropy and power-law frequency scaling during the human sleep cycle. **2019**, 40, 538-551		59

54	Automated Annotation of Polysomnogram Epochs for Apnoea and Non-apnoea Arousals. **2020**, 2020, 2796-2799		1
53	Approximate Entropy of Brain Network in the Study of Hemispheric Differences. **2020**, 22,		7
52	Information-Based Classification of Electroencephalography (EEG) Signals for Healthy Adolescents and Adolescents with Symptoms of Schizophrenia. **2020**, 19, 2050033		10
51	Altered states of consciousness and creativity. **2020**, 121-158		1
50	Investigating the Brain Development in Newborns by Information-Based Analysis of Electroencephalography (EEG) Signal. **2020**, 19, 2050043		8
49	Emotion Classification Based on Biophysical Signals and Machine Learning Techniques. *Symmetry*, **2020**, 12, 21	2.7	17
48	. **2020**, 8, 69763-69773		6
47	LSD alters dynamic integration and segregation in the human brain. **2021**, 227, 117653		32
46	Multiscale Entropy Analysis of Instantaneous Frequency Variation to Overcome the Cross-Over Artifact in Rhythmic EEG. **2021**, 9, 12896-12905		0
45	A Low-Cost Implementation of Sample Entropy in Wearable Embedded Systems: An Example of Online Analysis for Sleep EEG. **2021**, 70, 1-12		3
44	Exploration of EEG based classification using imagined motor movements. **2021**,		1
43	Information-based decoding of the coupling among human brain activity and movement paths. **2021**, 29, 1109-1118		1
42	Performance analysis of machine learning algorithms on automated sleep staging feature sets. **2021**, 6, 155-174		7
41	Contrasting Electroencephalography-Derived Entropy and Neural Oscillations With Highly Skilled Meditators. **2021**, 15, 628417		1
40	Identification of inter-ictal activity in novel data by bagged prediction method using beta and gamma waves. 1		
39	Using time causal quantifiers to characterize sleep stages. **2021**, 146, 110798		6
38	Decoding of the coupling between brain and skin activities in olfactory stimulation by analysis of EEG and GSR signals. 1-15		2
37	Consciousness and complexity: a consilience of evidence.		4

36	An Automated Sleep Stages Classification Using BrainEEG Signal: A Machine Learning Approaches. **2022**, 311-327		
35	Automated Sleep Staging System Based on Ensemble Learning Model Using Single-Channel EEG Signal. **2022**, 186-202		
34	A Review of Methods for Sleep Arousal Detection Using Polysomnographic Signals. **2021**, 11,		2
33	Decoding of facial muscle-brain relation by information-based analysis of electromyogram (EMG) and electroencephalogram (EEG) signals. 1-10		0
32	Beyond APs and VPs: evidences of chaos and self-organized criticality in electrical signals in plants.		1
31	Connectome Harmonic Decomposition of Human Brain Dynamics Reveals a Landscape of Consciousness.		10
30	Implementation of Bagged SVM Ensemble Model for Classification of Epileptic States Using EEG. **2019**, 20, 755-765		6
29	On entropy, entropy-like quantities, and applications. **2015**, 20, 3301-3343		10
28	The right thalamus may play an important role in anesthesia-awakening regulation in frogs. **2018**, 6, e4516		4
27	Using time causal quantifiers to characterize sleep stages.		
26	Evaluating Complexity of Fetal MEG Signals: A Comparison of Different Metrics and Their Applicability.		
25	On the development of sleep states in the first weeks of life.		
24	Reducing Sensors in Mental Imagery Based Cognitive Task for Brain Computer Interface. **2020**,		1
23	The Effect of Alcohol on Cortical Complexity in Healthy Subjects Measured by Approximate Entropy. **2007**, 1091-1094		
22	Sleep-specific changes in physiological brain pulsations.		2
21	Entropy as Measure of Brain Networks Complexity in Eyes Open and Closed Conditions. *Symmetry*, **2021**, 13, 2178	2.7	3
20	Evolutionary Origin and the Development of Consciousness.. *Neuroscience and Biobehavioral Reviews*, **2021**,	9	1
19	A Study On Finding The Optimal Time For Automatic Transition To Self-Driving Mode. **2020**,		

18	Machine Learning Model for Automated Sleep Scoring Based on Single-Channel EEG Signal Data. *Lecture Notes on Data Engineering and Communications Technologies*, **2022**, 377-386	0.4	
17	Analysis of complexity in the EEG activity of Parkinson's disease patients by means of approximate entropy.. *GeroScience*, **2022**, 1	8.9	0
16	Presentation_1.pdf. **2018**,		
15	Table_1.DOCX. **2019**,		
14	Interictal High Gamma Oscillation Regularity as a Marker for Presurgical Epileptogenic Zone Localization.. *Operative Neurosurgery*, **2022**,	1.6	0
13	Brain Activity Characteristics of Patients With Disorders of Consciousness in the EEG Resting State Paradigm: A Review. *Frontiers in Systems Neuroscience*, **2022**, 16,	3.5	1
12	Local neurodynamics as a signature of cortical areas: new insights from sleep. *Cerebral Cortex*,	5.1	0
11	Brain Entropy, Fractal Dimensions and Predictability: A Review of Complexity Measures for EEG in Healthy and Neuropsychiatric Populations.		2
10	Transient Oscillation Dynamics During Sleep Provide a Robust Basis for Electroencephalographic Phenotyping and Biomarker Identification.		0
9	AGE-BASED ANALYSIS OF THE BRAIN ACTIVITY DURING SLEEP INDUCED BY MEDICATION.		0
8	Sensorimotor Cortical Activity during Respiratory Arousals in Obstructive Sleep Apnea. **2023**, 24, 47		0
7	Approximate entropy analysis across electroencephalographic rhythmic frequency bands during physiological aging of human brain.		0
6	COMPLEXITY-BASED ANALYSIS OF HEART RATE VARIABILITY DURING AGING.		0
5	Distributed harmonic patterns of structure-function dependence orchestrate human consciousness. **2023**, 6,		1
4	Entropy and Cross-Level Orderliness in Light of the Interconnection between the Neural System and Consciousness. **2023**, 25, 418		0
3	Association of heartbeat complexity with survival in advanced non-small cell lung cancer patients. 17,		0
2	COMPLEXITY-BASED ANALYSIS OF MUSCLE ACTIVATION DURING WALKING AT DIFFERENT SPEEDS.		0
1	From local properties to brain-wide organization: A review of intraregional temporal features in functional magnetic resonance imaging data.		0