

Tetsuya Takahashi

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,729
citations

394421

19
h-index

289244

40
g-index

44
all docs

44
docs citations

44
times ranked

1991
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in EEG and autonomic nervous activity during meditation and their association with personality traits. <i>International Journal of Psychophysiology</i> , 2005, 55, 199-207.	1.0	348
2	Antipsychotics reverse abnormal EEG complexity in drug-naive schizophrenia: A multiscale entropy analysis. <i>NeuroImage</i> , 2010, 51, 173-182.	4.2	236
3	Assessment of EEG dynamical complexity in Alzheimer's disease using multiscale entropy. <i>Clinical Neurophysiology</i> , 2010, 121, 1438-1446.	1.5	206
4	Complexity of spontaneous brain activity in mental disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 45, 258-266.	4.8	123
5	Age-related variation in EEG complexity to photic stimulation: A multiscale entropy analysis. <i>Clinical Neurophysiology</i> , 2009, 120, 476-483.	1.5	115
6	Changes in functional connectivity dynamics with aging: A dynamical phase synchronization approach. <i>NeuroImage</i> , 2019, 188, 357-368.	4.2	51
7	Classification Methods Based on Complexity and Synchronization of Electroencephalography Signals in Alzheimer's Disease. <i>Frontiers in Psychiatry</i> , 2020, 11, 255.	2.6	50
8	Quantitative evaluation of age-related white matter microstructural changes on MRI by multifractal analysis. <i>Journal of the Neurological Sciences</i> , 2004, 225, 33-37.	0.6	48
9	Atypical temporal-scale-specific fractal changes in Alzheimer's disease EEG and their relevance to cognitive decline. <i>Cognitive Neurodynamics</i> , 2019, 13, 1-11.	4.0	42
10	Enhanced brain signal variability in children with autism spectrum disorder during early childhood. <i>Human Brain Mapping</i> , 2016, 37, 1038-1050.	3.6	37
11	Changes in EEG Complexity with Electroconvulsive Therapy in a Patient with Autism Spectrum Disorders: A Multiscale Entropy Approach. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 106.	2.0	36
12	Neurophysiological basis of creativity in healthy elderly people: A multiscale entropy approach. <i>Clinical Neurophysiology</i> , 2015, 126, 524-531.	1.5	33
13	Multifractal analysis of deep white matter microstructural changes on MRI in relation to early-stage atherosclerosis. <i>NeuroImage</i> , 2006, 32, 1158-1166.	4.2	30
14	Mu rhythm suppression reflects mother-child face-to-face interactions: a pilot study with simultaneous MEG recording. <i>Scientific Reports</i> , 2016, 6, 34977.	3.3	29
15	Band-specific atypical functional connectivity pattern in childhood autism spectrum disorder. <i>Clinical Neurophysiology</i> , 2017, 128, 1457-1465.	1.5	28
16	Opposite effects of SSRIs and tandospirone in the treatment of REM sleep behavior disorder. <i>Sleep Medicine</i> , 2008, 9, 317-319.	1.6	27
17	Abnormal functional connectivity of high-frequency rhythms in drug-naïve schizophrenia. <i>Clinical Neurophysiology</i> , 2018, 129, 222-231.	1.5	24
18	Effects of electroconvulsive therapy on neural complexity in patients with depression: Report of three cases. <i>Journal of Affective Disorders</i> , 2013, 150, 389-392.	4.1	21

#	ARTICLE	IF	CITATIONS
19	Application of a multifractal analysis to study brain white matter abnormalities of schizophrenia on T2-weighted magnetic resonance imaging. <i>Psychiatry Research - Neuroimaging</i> , 2009, 171, 177-188.	1.8	20
20	Altered human voice processing in the frontal cortex and a developmental language delay in 3- to 5-year-old children with autism spectrum disorder. <i>Scientific Reports</i> , 2017, 7, 17116.	3.3	20
21	Auditory steady-state response at 20%Hz and 40%Hz in young typically developing children and children with autism spectrum disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 354-361.	1.8	19
22	Identification of Electroencephalogram Signals in Alzheimer's Disease by Multifractal and Multiscale Entropy Analysis. <i>Frontiers in Neuroscience</i> , 2021, 15, 667614.	2.8	19
23	Developmental Trajectory of Infant Brain Signal Variability: A Longitudinal Pilot Study. <i>Frontiers in Neuroscience</i> , 2018, 12, 566.	2.8	18
24	A pilot study of serotonergic modulation after long-term administration of oxytocin in autism spectrum disorder. <i>Autism Research</i> , 2017, 10, 821-828.	3.8	17
25	High Phase Synchronization in Alpha Band Activity in Older Subjects With High Creativity. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 583049.	2.0	16
26	Identification of attention-deficit hyperactivity disorder based on the complexity and symmetry of pupil diameter. <i>Scientific Reports</i> , 2021, 11, 8439.	3.3	14
27	Wide Range Multiscale Entropy Changes through Development. <i>Entropy</i> , 2016, 18, 12.	2.2	12
28	Longitudinal changes in the mismatch field evoked by an empathic voice reflect changes in the empathy quotient in autism spectrum disorder. <i>Psychiatry Research - Neuroimaging</i> , 2018, 281, 117-122.	1.8	12
29	Clozapine-Related Negative Myoclonus Associated With Urinary Tract Infection. <i>Journal of Clinical Psychopharmacology</i> , 2015, 35, 205-206.	1.4	9
30	Gender-specific associations of depression and anxiety symptoms with mental rotation. <i>Journal of Affective Disorders</i> , 2018, 235, 277-284.	4.1	9
31	Approaches of Phase Lag Index to EEG Signals in Alzheimer's Disease from Complex Network Analysis. <i>Smart Innovation, Systems and Technologies</i> , 2016, , 459-468.	0.6	8
32	The Lateral Occipito-temporal Cortex Is Involved in the Mental Manipulation of Body Part Imagery. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 181.	2.0	7
33	Neural Decoding of Multi-Modal Imagery Behavior Focusing on Temporal Complexity. <i>Frontiers in Psychiatry</i> , 2020, 11, 746.	2.6	6
34	Stabilizing Circadian Rhythms in Bipolar Disorder by Chaos Control Methods. <i>Frontiers in Applied Mathematics and Statistics</i> , 2020, 6, .	1.3	6
35	Effects of familiarity on child brain networks when listening to a storybook reading: A magneto-encephalographic study. <i>NeuroImage</i> , 2021, 241, 118389.	4.2	5
36	Effect of steady-state response versus excitatory/inhibitory balance on spiking synchronization in neural networks with log-normal synaptic weight distribution. <i>Cognitive Neurodynamics</i> , 2022, 16, 871-885.	4.0	5

#	ARTICLE	IF	CITATIONS
37	Dynamical Characteristics of State Transition Defined by Neural Activity of Phase in Alzheimer's Disease. Communications in Computer and Information Science, 2021, , 46-54.	0.5	5
38	Alteration of Neural Network Activity With Aging Focusing on Temporal Complexity and Functional Connectivity Within Electroencephalography. Frontiers in Aging Neuroscience, 2022, 14, 793298.	3.4	4
39	Effect of vitamin E treatment on progressive cognitive impairment in a patient with adult-onset ataxia: A case report. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 150-152.	4.8	3
40	Decomposed Temporal Complexity Analysis of Neural Oscillations and Machine Learning Applied to Alzheimer's Disease Diagnosis. Frontiers in Psychiatry, 2020, 11, 531801.	2.6	3
41	Markers for the central serotonin system correlate to verbal ability and paralinguistic social voice processing in autism spectrum disorder. Scientific Reports, 2020, 10, 14558.	3.3	3
42	Delayed posthypoxic leukoencephalopathy following alcohol and psychotropic drug overdose: a case report. Clinical Case Reports (discontinued), 2018, 6, 1158-1165.	0.5	2
43	A patient with partial seizures manifested as panic attacks and auditory hallucination. Epilepsy and Seizure, 2009, 2, 28-33.	0.2	2
44	Temporal-specific roles of fractality in EEG signal of Alzheimer's disease. , 2017, , .		1