

Makoto Miyakoshi

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

1,526
citations

279701

23
h-index

360920

35
g-index

71
all docs

71
docs citations

71
times ranked

1879
citing authors

#	ARTICLE	IF	CITATIONS
1	Interictal high-frequency oscillations generated by seizure onset and eloquent areas may be differentially coupled with different slow waves. <i>Clinical Neurophysiology</i> , 2016, 127, 2489-2499.	0.7	89
2	An ERP study on self-relevant object recognition. <i>Brain and Cognition</i> , 2007, 63, 182-189.	0.8	86
3	Cortical substrates and functional correlates of auditory deviance processing deficits in schizophrenia. <i>NeuroImage: Clinical</i> , 2014, 6, 424-437.	1.4	79
4	Mismatch Negativity is a Sensitive and Predictive Biomarker of Perceptual Learning During Auditory Cognitive Training in Schizophrenia. <i>Neuropsychopharmacology</i> , 2017, 42, 2206-2213.	2.8	73
5	EEG evidence of face-specific visual self-representation. <i>NeuroImage</i> , 2010, 50, 1666-1675.	2.1	70
6	Sex, Impulsivity, and Anxiety: Interplay between Ventral Striatum and Amygdala Reactivity in Sexual Behaviors. <i>Journal of Neuroscience</i> , 2015, 35, 15227-15229.	1.7	70
7	Phase-amplitude coupling between interictal high-frequency activity and slow waves in epilepsy surgery. <i>Epilepsia</i> , 2018, 59, 1954-1965.	2.6	68
8	Modeling brain dynamic state changes with adaptive mixture independent component analysis. <i>NeuroImage</i> , 2018, 183, 47-61.	2.1	63
9	Associations among positive mood, brain, and cardiovascular activities in an affectively positive situation. <i>Brain Research</i> , 2009, 1263, 93-103.	1.1	49
10	Grand average ERP-image plotting and statistics: A method for comparing variability in event-related single-trial EEG activities across subjects and conditions. <i>Journal of Neuroscience Methods</i> , 2015, 250, 3-6.	1.3	46
11	Hierarchical Pathways from Sensory Processing to Cognitive, Clinical, and Functional Impairments in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021, 47, 373-385.	2.3	46
12	Objective interictal electrophysiology biomarkers optimize prediction of epilepsy surgery outcome. <i>Brain Communications</i> , 2021, 3, fcab042.	1.5	45
13	Imaging brain and immune association accompanying cognitive appraisal of an acute stressor. <i>NeuroImage</i> , 2008, 39, 500-514.	2.1	44
14	Associations among central nervous, endocrine, and immune activities when positive emotions are elicited by looking at a favorite person. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 408-417.	2.0	42
15	White matter connectivity between superior temporal sulcus and amygdala is associated with autistic trait in healthy humans. <i>Neuroscience Letters</i> , 2012, 510, 154-158.	1.0	36
16	ERP study of viewpoint-independence in familiar-face recognition. <i>International Journal of Psychophysiology</i> , 2008, 69, 119-126.	0.5	35
17	ICA-derived cortical responses indexing rapid multi-feature auditory processing in six-month-old infants. <i>NeuroImage</i> , 2016, 133, 75-87.	2.1	32
18	Abnormal Spontaneous Gamma Power Is Associated With Verbal Learning and Memory Dysfunction in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 832.	1.3	31

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19	Quantitative analysis of intracranial electrocorticography signals using the concept of statistical parametric mapping. <i>Scientific Reports</i> , 2019, 9, 17385.	1.6	30
20	A distributed frontotemporal network underlies gamma-band synchronization impairments in schizophrenia patients. <i>Neuropsychopharmacology</i> , 2020, 45, 2198-2206.	2.8	29
21	Neural activation and connectivity during cued eye blinks in Chronic Tic Disorders. <i>NeuroImage: Clinical</i> , 2019, 24, 101956.	1.4	28
22	Hierarchical Event Descriptors (HED): Semi-Structured Tagging for Real-World Events in Large-Scale EEG. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 42.	1.3	26
23	Automated detection of cross-frequency coupling in the electrocorticogram for clinical inspection. , 2013, 2013, 3282-5.		25
24	Unique contributions of sensory discrimination and gamma synchronization deficits to cognitive, clinical, and psychosocial functional impairments in schizophrenia. <i>Schizophrenia Research</i> , 2021, 228, 280-287.	1.1	25
25	Mismatch negativity reveals plasticity in cortical dynamics after 1-hour of auditory training exercises. <i>International Journal of Psychophysiology</i> , 2019, 145, 40-47.	0.5	24
26	An Automated Function for Identifying EEG Independent Components Representing Bilateral Source Activity. <i>IFMBE Proceedings</i> , 2016, , 105-109.	0.2	22
27	The <i>AudioMaze</i> : An EEG and motion capture study of human spatial navigation in sparse augmented reality. <i>European Journal of Neuroscience</i> , 2021, 54, 8283-8307.	1.2	19
28	How the Non-attending Brain Hears Its Owner's Name. <i>Cerebral Cortex</i> , 2016, 26, 3889.1-3904.	1.6	18
29	Neural network dynamics underlying gamma synchronization deficits in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 107, 110224.	2.5	17
30	Hierarchical Event Descriptor (HED) tags for analysis of event-related EEG studies. , 2013, , .		16
31	Neocortical localization and thalamocortical modulation of neuronal hyperexcitability contribute to Fragile X Syndrome. <i>Communications Biology</i> , 2022, 5, 442.	2.0	16
32	Source-domain spectral EEG analysis of sports-related concussion via Measure Projection Analysis. , 2015, 2015, 4053-6.		11
33	Abnormal Effective Connectivity Underlying Auditory Mismatch Negativity Impairments in Schizophrenia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 1028-1039.	1.1	11
34	Inhibitory control in children with tic disorder: aberrant fronto-parietal network activity and connectivity. <i>Brain Communications</i> , 2021, 3, fcab067.	1.5	11
35	Extensive stimulus repetition leads older adults to show delayed functional magnetic resonance imaging adaptation. <i>Brain Imaging and Behavior</i> , 2012, 6, 357-365.	1.1	10
36	ERPs and their brain sources in perceptual and conceptual prospective memory tasks: Commonalities and differences between the two tasks. <i>Neuropsychologia</i> , 2016, 91, 173-185.	0.7	10

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37	Neurophysiologic Characterization of Resting State Connectivity Abnormalities in Schizophrenia Patients. <i>Frontiers in Psychiatry</i> , 2020, 11, 608154.	1.3	10
38	Cross-Frequency Power-Power Coupling Analysis: A Useful Cross-Frequency Measure to Classify ICA-Decomposed EEG. <i>Sensors</i> , 2020, 20, 7040.	2.1	10
39	Motor engagement relates to accurate perception of phonemes and audiovisual words, but not auditory words. <i>Communications Biology</i> , 2021, 4, 108.	2.0	10
40	Source decomposition of the frontocentral auditory steady-state gamma band response in schizophrenia patients and healthy subjects. <i>Psychiatry and Clinical Neurosciences</i> , 2021, 75, 172-179.	1.0	10
41	Parieto-Occipital Alpha and Low-Beta EEG Power Reflect Sense of Agency. <i>Brain Sciences</i> , 2021, 11, 743.	1.1	10
42	Dynamics of directional tuning and reference frames in humans: A high-density EEG study. <i>Scientific Reports</i> , 2018, 8, 8205.	1.6	9
43	EEG Effective Source Projections Are More Bilaterally Symmetric in Infants Than in Adults. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 82.	1.0	9
44	Cross-correlation task-related component analysis (xTRCA) for enhancing evoked and induced responses of event-related potentials. <i>NeuroImage</i> , 2019, 197, 177-190.	2.1	8
45	The Effect of ICA and Non-negative Matrix Factorization Analysis for EMG Signals Recorded From Multi-Channel EMG Sensors. <i>Frontiers in Neuroscience</i> , 2020, 14, 600804.	1.4	8
46	Abnormal phase discontinuity of alpha- and theta-frequency oscillations in schizophrenia. <i>Schizophrenia Research</i> , 2021, 231, 73-81.	1.1	8
47	Age-related differences in effective connectivity of brain regions involved in Japanese kanji processing with homophone judgment task. <i>Brain and Language</i> , 2014, 135, 32-41.	0.8	6
48	Sources of the frontocentral mismatch negativity and P3a responses in schizophrenia patients and healthy comparison subjects. <i>International Journal of Psychophysiology</i> , 2021, 161, 76-85.	0.5	6
49	High-power gamma-related delta phase alteration in schizophrenia patients at rest. <i>Psychiatry and Clinical Neurosciences</i> , 2022, 76, 179-186.	1.0	6
50	Modulation of Frontal Oscillatory Power during Blink Suppression in Children: Effects of Premonitory Urge and Reward. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa046.	0.7	5
51	Bayesian models of human navigation behaviour in an augmented reality audiomaze. <i>European Journal of Neuroscience</i> , 2021, 54, 8308-8317.	1.2	5
52	Can We Push the "Quasi-Perfect Artifact Rejection" Even Closer to Perfection?. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 597079.	1.3	5
53	Auditory-Based Cognitive Training Drives Short- and Long-Term Plasticity in Cortical Networks in Schizophrenia. <i>Schizophrenia Bulletin Open</i> , 2020, 1, .	0.9	5
54	Automated preprocessing and phase-amplitude coupling analysis of scalp EEG discriminates infantile spasms from controls during wakefulness. <i>Epilepsy Research</i> , 2021, 178, 106809.	0.8	5

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55	Different Language Modalities Yet Similar Cognitive Processes in Arithmetic Fact Retrieval. <i>Brain Sciences</i> , 2022, 12, 145.	1.1	5
56	Non-parametric group-level statistics for source-resolved ERP analysis. , 2015, 2015, 7450-3.		4
57	Central neuropathic pain in paraplegia alters movement related potentials. <i>Clinical Neurophysiology</i> , 2018, 129, 1669-1679.	0.7	4
58	Left Frontal EEG Power Responds to Stock Price Changes in a Simulated Asset Bubble Market. <i>Brain Sciences</i> , 2021, 11, 670.	1.1	4
59	EEG Correlates of Active Stopping and Preparation for Stopping in Chronic Tic Disorder. <i>Brain Sciences</i> , 2022, 12, 151.	1.1	4
60	Aging patterns of Japanese auditory semantic processing: an fMRI study. <i>Aging, Neuropsychology, and Cognition</i> , 2022, 29, 213-236.	0.7	3
61	Correcting whole-body motion capture data using rigid body transformation. <i>European Journal of Neuroscience</i> , 2021, 54, 7946-7958.	1.2	3
62	A Phantom Study On Component Segregation for MR Images Using ICA. <i>Academic Radiology</i> , 2009, 16, 1025-1028.	1.3	2
63	Reduced visual attention in heterogeneous textures is reflected in occipital alpha and theta band activity. <i>PLoS ONE</i> , 2017, 12, e0187763.	1.1	1
64	The role of regional heterogeneity in age-related differences in functional hemispheric asymmetry: an fMRI study. <i>Aging, Neuropsychology, and Cognition</i> , 2018, 25, 904-927.	0.7	1
65	Electroencephalographic Study on Sensory Integration in Visually Induced Postural Sway. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 482-498.	1.1	1
66	Brain Activity Reflects Subjective Response to Delayed Input When Using an Electromyography-Controlled Robot. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 767477.	1.2	1
67	Investigating Neural Representation of Finger-Movement Directions Using Electroencephalography Independent Components. <i>Journal of Biomedical Science and Engineering</i> , 2021, 14, 240-265.	0.2	0