Makoto Miyakoshi

List of Publications by Year
in descending order

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	Aging patterns of Japanese auditory semantic processing: an fMRI study. Aging, Neuropsychology, and Cognition, 2022, 29, 213-236.	0.7	3
2	EEG Correlates of Active Stopping and Preparation for Stopping in Chronic Tic Disorder. Brain Sciences, 2022, 12, 151.	1.1	4
3	High‐power gamma‐related delta phase alteration in schizophrenia patients at rest. Psychiatry and Clinical Neurosciences, 2022, 76, 179-186.	1.0	6
4	Different Language Modalities Yet Similar Cognitive Processes in Arithmetic Fact Retrieval. Brain Sciences, 2022, 12, 145.	1.1	5
5	Neocortical localization and thalamocortical modulation of neuronal hyperexcitability contribute to Fragile X Syndrome. Communications Biology, 2022, 5, 442.	2.0	16
6	Bayesian models of human navigation behaviour in an augmented reality audiomaze. European Journal of Neuroscience, 2021, 54, 8308-8317.	1.2	5
7	Hierarchical Pathways from Sensory Processing to Cognitive, Clinical, and Functional Impairments in Schizophrenia. Schizophrenia Bulletin, 2021, 47, 373-385.	2.3	46
8	Motor engagement relates to accurate perception of phonemes and audiovisual words, but not auditory words. Communications Biology, 2021, 4, 108.	2.0	10
9	Investigating Neural Representation of Finger-Movement Directions Using Electroencephalography Independent Components. Journal of Biomedical Science and Engineering, 2021, 14, 240-265.	0.2	0
10	The <i>AudioMaze</i>: An EEG and motion capture study of human spatial navigation in sparse augmented reality. European Journal of Neuroscience, 2021, 54, 8283-8307.	1.2	19
11	Unique contributions of sensory discrimination and gamma synchronization deficits to cognitive, clinical, and psychosocial functional impairments in schizophrenia. Schizophrenia Research, 2021, 228, 280-287.	1.1	25
12	Source decomposition of the frontocentral auditory steady‐state gamma band response in schizophrenia patients and healthy subjects. Psychiatry and Clinical Neurosciences, 2021, 75, 172-179.	1.0	10
13	Objective interictal electrophysiology biomarkers optimize prediction of epilepsy surgery outcome. Brain Communications, 2021, 3, fcab042.	1.5	45
14	Sources of the frontocentral mismatch negativity and P3a responses in schizophrenia patients and healthy comparison subjects. International Journal of Psychophysiology, 2021, 161, 76-85.	0.5	6
15	Electroencephalographic Study on Sensory Integration in Visually Induced Postural Sway. Journal of Cognitive Neuroscience, 2021, 33, 482-498.	1.1	1
16	Inhibitory control in children with tic disorder: aberrant fronto-parietal network activity and connectivity. Brain Communications, 2021, 3, fcab067.	1.5	11
17	Neural network dynamics underlying gamma synchronization deficits in schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 107, 110224.	2.5	17
18	Abnormal phase discontinuity of alpha- and theta-frequency oscillations in schizophrenia. Schizophrenia Research, 2021, 231, 73-81.	1.1	8

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19	Left Frontal EEG Power Responds to Stock Price Changes in a Simulated Asset Bubble Market. Brain Sciences, 2021, 11, 670.	1.1	4
20	Parieto-Occipital Alpha and Low-Beta EEG Power Reflect Sense of Agency. Brain Sciences, 2021, 11, 743.	1.1	10
21	Automated preprocessing and phase-amplitude coupling analysis of scalp EEG discriminates infantile spasms from controls during wakefulness. Epilepsy Research, 2021, 178, 106809.	0.8	5
22	Correcting whole‐body motion capture data using rigid body transformation. European Journal of Neuroscience, 2021, 54, 7946-7958.	1.2	3
23	Brain Activity Reflects Subjective Response to Delayed Input When Using an Electromyography-Controlled Robot. Frontiers in Systems Neuroscience, 2021, 15, 767477.	1.2	1
24	Modulation of Frontal Oscillatory Power during Blink Suppression in Children: Effects of Premonitory Urge and Reward. Cerebral Cortex Communications, 2020, 1, tgaa046.	0.7	5
25	Abnormal Spontaneous Gamma Power Is Associated With Verbal Learning and Memory Dysfunction in Schizophrenia. Frontiers in Psychiatry, 2020, 11, 832.	1.3	31
26	A distributed frontotemporal network underlies gamma-band synchronization impairments in schizophrenia patients. Neuropsychopharmacology, 2020, 45, 2198-2206.	2.8	29
27	The Effect of ICA and Non-negative Matrix Factorization Analysis for EMG Signals Recorded From Multi-Channel EMG Sensors. Frontiers in Neuroscience, 2020, 14, 600804.	1.4	8
28	Neurophysiologic Characterization of Resting State Connectivity Abnormalities in Schizophrenia Patients. Frontiers in Psychiatry, 2020, 11, 608154.	1.3	10
29	Cross-Frequency Power-Power Coupling Analysis: A Useful Cross-Frequency Measure to Classify ICA-Decomposed EEG. Sensors, 2020, 20, 7040.	2.1	10
30	Abnormal Effective Connectivity Underlying Auditory Mismatch Negativity Impairments in Schizophrenia. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 1028-1039.	1.1	11
31	EEG Effective Source Projections Are More Bilaterally Symmetric in Infants Than in Adults. Frontiers in Human Neuroscience, 2020, 14, 82.	1.0	9
32	Can We Push the "Quasi-Perfect Artifact Rejection" Even Closer to Perfection?. Frontiers in Neuroinformatics, 2020, 14, 597079.	1.3	5
33	Auditory-Based Cognitive Training Drives Short- and Long-Term Plasticity in Cortical Networks in Schizophrenia. Schizophrenia Bulletin Open, 2020, 1, .	0.9	5
34	Neural activation and connectivity during cued eye blinks in Chronic Tic Disorders. NeuroImage: Clinical, 2019, 24, 101956.	1.4	28
35	Mismatch negativity reveals plasticity in cortical dynamics after 1-hour of auditory training exercises. International Journal of Psychophysiology, 2019, 145, 40-47.	0.5	24
36	Cross-correlation task-related component analysis (xTRCA) for enhancing evoked and induced responses of event-related potentials. NeuroImage, 2019, 197, 177-190.	2.1	8

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37	Quantitative analysis of intracranial electrocorticography signals using the concept of statistical parametric mapping. Scientific Reports, 2019, 9, 17385.	1.6	30
38	The role of regional heterogeneity in age-related differences in functional hemispheric asymmetry: an fMRI study. Aging, Neuropsychology, and Cognition, 2018, 25, 904-927.	0.7	1
39	Dynamics of directional tuning and reference frames in humans: A high-density EEG study. Scientific Reports, 2018, 8, 8205.	1.6	9
40	Central neuropathic pain in paraplegia alters movement related potentials. Clinical Neurophysiology, 2018, 129, 1669-1679.	0.7	4
41	Modeling brain dynamic state changes with adaptive mixture independent component analysis. NeuroImage, 2018, 183, 47-61.	2.1	63
42	Phaseâ€amplitude coupling between interictal highâ€frequency activity and slow waves in epilepsy surgery. Epilepsia, 2018, 59, 1954-1965.	2.6	68
43	Mismatch Negativity is a Sensitive and Predictive Biomarker of Perceptual Learning During Auditory Cognitive Training in Schizophrenia. Neuropsychopharmacology, 2017, 42, 2206-2213.	2.8	73
44	Reduced visual attention in heterogeneous textures is reflected in occipital alpha and theta band activity. PLoS ONE, 2017, 12, e0187763.	1.1	1
45	Hierarchical Event Descriptors (HED): Semi-Structured Tagging for Real-World Events in Large-Scale EEG. Frontiers in Neuroinformatics, 2016, 10, 42.	1.3	26
46	An Automated Function for Identifying EEG Independent Components Representing Bilateral Source Activity. IFMBE Proceedings, 2016, , 105-109.	0.2	22
47	Interictal high-frequency oscillations generated by seizure onset and eloquent areas may be differentially coupled with different slow waves. Clinical Neurophysiology, 2016, 127, 2489-2499.	0.7	89
48	ERPs and their brain sources in perceptual and conceptual prospective memory tasks: Commonalities and differences between the two tasks. Neuropsychologia, 2016, 91, 173-185.	0.7	10
49	ICA-derived cortical responses indexing rapid multi-feature auditory processing in six-month-old infants. NeuroImage, 2016, 133, 75-87.	2.1	32
50	How the Non-attending Brain Hears Its Owner's Name. Cerebral Cortex, 2016, 26, 3889.1-3904.	1.6	18
51	Non-parametric group-level statistics for source-resolved ERP analysis. , 2015, 2015, 7450-3.		4
52	Source-domain spectral EEG analysis of sports-related concussion via Measure Projection Analysis. , 2015, 2015, 4053-6.		11
53	Sex, Impulsivity, and Anxiety: Interplay between Ventral Striatum and Amygdala Reactivity in Sexual Behaviors. Journal of Neuroscience, 2015, 35, 15227-15229.	1.7	70
54	Grand average ERP-image plotting and statistics: A method for comparing variability in event-related single-trial EEG activities across subjects and conditions. Journal of Neuroscience Methods, 2015, 250, 3-6.	1.3	46

#	ARTICLE	IF	CITATIONS
55	Cortical substrates and functional correlates of auditory deviance processing deficits in schizophrenia. NeuroImage: Clinical, 2014, 6, 424-437.	1.4	79
56	Age-related differences in effective connectivity of brain regions involved in Japanese kanji processing with homophone judgment task. Brain and Language, 2014, 135, 32-41.	0.8	6
57	Hierarchical Event Descriptor (HED) tags for analysis of event-related EEG studies. , 2013, , .		16
58	Automated detection of cross-frequency coupling in the electrocorticogram for clinical inspection. , 2013, 2013, 3282-5.		25
59	White matter connectivity between superior temporal sulcus and amygdala is associated with autistic trait in healthy humans. Neuroscience Letters, 2012, 510, 154-158.	1.0	36
60	Extensive stimulus repetition leads older adults to show delayed functional magnetic resonance imaging adaptation. Brain Imaging and Behavior, 2012, 6, 357-365.	1.1	10
61	EEG evidence of face-specific visual self-representation. NeuroImage, 2010, 50, 1666-1675.	2.1	70
62	Associations among positive mood, brain, and cardiovascular activities in an affectively positive situation. Brain Research, 2009, 1263, 93-103.	1.1	49
63	A Phantom Study On Component Segregation for MR Images Using ICA. Academic Radiology, 2009, 16, 1025-1028.	1.3	2
64	ERP study of viewpoint-independence in familiar-face recognition. International Journal of Psychophysiology, 2008, 69, 119-126.	0.5	35
65	Associations among central nervous, endocrine, and immune activities when positive emotions are elicited by looking at a favorite person. Brain, Behavior, and Immunity, 2008, 22, 408-417.	2.0	42
66	Imaging brain and immune association accompanying cognitive appraisal of an acute stressor. NeuroImage, 2008, 39, 500-514.	2.1	44
67	An ERP study on self-relevant object recognition. Brain and Cognition, 2007, 63, 182-189.	0.8	86