Yoshihito Shigihara

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7658043/publications.pdf

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36	836	567247	526264
papers	citations	15 h-index	27 g-index

42	42	42	882
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PET Imagingâ€“Based Evaluation of Hepatobiliary Transport in Humans with (15R)-¹¹C-TIC-Me. Journal of Nuclear Medicine, 2012, 53, 741-748.	5.0	101
2	Effect of mental fatigue on the central nervous system: an electroencephalography study. Behavioral and Brain Functions, 2012, 8, 48.	3.3	96
3	Relationships between dietary habits and the prevalence of fatigue in medical students. Nutrition, 2008, 24, 985-989.	2.4	69
4	Mouth magnetoencephalography: A unique perspective on the human hippocampus. NeuroImage, 2021, 225, 117443.	4.2	56
5	Two types of mental fatigue affect spontaneous oscillatory brain activities in different ways. Behavioral and Brain Functions, 2013, 9, 2.	3.3	50
6	Imaging of Gastrointestinal Absorption and Biodistribution of an Orally Administered Probe Using Positron Emission Tomography in Humans. Clinical Pharmacology and Therapeutics, 2012, 91, 653-659.	4.7	38
7	Two different types of mental fatigue produce different styles of task performance. Neurology Psychiatry and Brain Research, 2013, 19, 5-11.	2.0	37
8	Fatigue-Associated Alterations of Cognitive Function and Electroencephalographic Power Densities. PLoS ONE, 2012, 7, e34774.	2.5	32
9	Neural effects of prolonged mental fatigue: A magnetoencephalography study. Brain Research, 2013, 1529, 105-112.	2.2	32
10	Non-pharmacological treatment changes brain activity in patients with dementia. Scientific Reports, 2020, 10, 6744.	3.3	25
11	Age- and gender-specific characteristics of the resting-state brain activity: a magnetoencephalography study. Aging, 2020, 12, 21613-21637.	3.1	25
12	Central inhibition regulates motor output during physical fatigue. Brain Research, 2011, 1412, 37-43.	2.2	24
13	Less efficient and costly processes of frontal cortex in childhood chronic fatigue syndrome. NeuroImage: Clinical, 2015, 9, 355-368.	2.7	24
14	Parallelism in the brain's visual form system. European Journal of Neuroscience, 2013, 38, 3712-3720.	2.6	20
15	Parallel processing of face and house stimuli by V1 and specialized visual areas: a magnetoencephalographic (MEG) study. Frontiers in Human Neuroscience, 2014, 8, 901.	2.0	19
16	Early visual cortical responses produced by checkerboard pattern stimulation. NeuroImage, 2016, 134, 532-539.	4.2	19
17	Gustatory Imagery Reveals Functional Connectivity from the Prefrontal to Insular Cortices Traced with Magnetoencephalography. PLoS ONE, 2011, 6, e21736.	2.5	16
18	Quantitative analysis of MEG using modified sLORETA for clinical application. Clinical Neurophysiology, 2008, 119, 1917-1922.	1.5	15

#	Article	IF	Citations
19	Parallel processing in the brain's visual form system: an fMRI study. Frontiers in Human Neuroscience, 2014, 8, 506.	2.0	15
20	The Menstrual Cycle Alters Resting-State Cortical Activity: A Magnetoencephalography Study. Frontiers in Human Neuroscience, 2021, 15, 652789.	2.0	14
21	Consistency of local activation parameters at sensor- and source-level in neural signals. Journal of Neural Engineering, 2020, 17, 056020.	3.5	14
22	Central regulation of physical fatigue via mirror visual feedback. European Journal of Sport Science, 2011, 11, 171-175.	2.7	11
23	Low visual information-processing speed and attention are predictors of fatigue in elementary and junior high school students. Behavioral and Brain Functions, 2011, 7, 20.	3.3	11
24	Distinctive effects of executive dysfunction and loss of learning/memory abilities on resting-state brain activity. Scientific Reports, 2022, 12, 3459.	3.3	11
25	Predicting the outcome of non-pharmacological treatment for patients with dementia-related mild cognitive impairment. Aging, 2020, 12, 24101-24116.	3.1	10
26	Resting-State Magnetoencephalography Reveals Neurobiological Bridges Between Pain and Cognitive Impairment. Pain and Therapy, 2021, 10, 349-361.	3.2	9
27	Effects of daily levels of fatigue and acutely induced fatigue on the visual evoked magnetic response. Brain Research, 2012, 1457, 44-50.	2.2	8
28	Relationship Between Fatigue and Photosensitivity. Behavioral Medicine, 2010, 36, 109-112.	1.9	7
29	Specific Oscillatory Power Changes and Their Efficacy for Determining Laterality in Mesial Temporal Lobe Epilepsy: A Magnetoencephalographic Study. Frontiers in Neurology, 2021, 12, 617291.	2.4	6
30	Exploring the Interactions Between Neurophysiology and Cognitive and Behavioral Changes Induced by a Non-pharmacological Treatment: A Network Approach. Frontiers in Aging Neuroscience, 2021, 13, 696174.	3.4	5
31	Hazardous nature of high-temporal-frequency strobe light stimulation: neural mechanisms revealed by magnetoencephalography. Neuroscience, 2010, 166, 482-490.	2.3	4
32	The association between carotid blood flow and resting-state brain activity in patients with cerebrovascular diseases. Scientific Reports, 2021, 11, 15225.	3.3	4
33	Towards Automatic Artifact Rejection in Resting-State MEG Recordings: Evaluating the Performance of the SOUND Algorithm. , 2019, 2019, 4807-4810.		3
34	Two Distinct Neural Mechanisms Underlying Acupuncture Analgesia. Frontiers in Pain Research, 2022, 3, .	2.0	2
35	High Frequential Resolution Networks: Considerations on a New Functional Brain Connectivity Framework. , 2021, 2021, 722-725.		1
36	Effect of segment length, sampling frequency, and imaging modality on the estimation of measures of brain meta-state activation: an MEG/EEG study. , 2021, 2021, 315-318.		0