

Akira Ishii

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

857
citations

623734

14
h-index

501196

28
g-index

38
all docs

38
docs citations

38
times ranked

962
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural mechanisms of mental fatigue. <i>Reviews in the Neurosciences</i> , 2014, 25, 469-79.	2.9	105
2	Effect of mental fatigue on the central nervous system: an electroencephalography study. <i>Behavioral and Brain Functions</i> , 2012, 8, 48.	3.3	96
3	The neural basis of academic achievement motivation. <i>NeuroImage</i> , 2008, 42, 369-378.	4.2	78
4	Neural effects of mental fatigue caused by continuous attention load: A magnetoencephalography study. <i>Brain Research</i> , 2014, 1561, 60-66.	2.2	72
5	Frontier studies on fatigue, autonomic nerve dysfunction, and sleep-rhythm disorder. <i>Journal of Physiological Sciences</i> , 2015, 65, 483-498.	2.1	70
6	Two types of mental fatigue affect spontaneous oscillatory brain activities in different ways. <i>Behavioral and Brain Functions</i> , 2013, 9, 2.	3.3	50
7	Two different types of mental fatigue produce different styles of task performance. <i>Neurology Psychiatry and Brain Research</i> , 2013, 19, 5-11.	2.0	37
8	Neural effect of mental fatigue on physical fatigue: A magnetoencephalography study. <i>Brain Research</i> , 2014, 1542, 49-55.	2.2	36
9	Neural effects of prolonged mental fatigue: A magnetoencephalography study. <i>Brain Research</i> , 2013, 1529, 105-112.	2.2	32
10	Neural mechanisms underlying chronic fatigue. <i>Reviews in the Neurosciences</i> , 2013, 24, 617-28.	2.9	30
11	Neural Correlates of Central Inhibition during Physical Fatigue. <i>PLoS ONE</i> , 2013, 8, e70949.	2.5	23
12	Immediate neural responses of appetitive motives and its relationship with hedonic appetite and body weight as revealed by magnetoencephalography. <i>Medical Science Monitor</i> , 2013, 19, 631-640.	1.1	19
13	Neural effects of acute stress on appetite: A magnetoencephalography study. <i>PLoS ONE</i> , 2020, 15, e0228039.	2.5	17
14	Fatigue sensation induced by the sounds associated with mental fatigue and its related neural activities: revealed by magnetoencephalography. <i>Behavioral and Brain Functions</i> , 2013, 9, 24.	3.3	15
15	Neural Mechanism of Facilitation System during Physical Fatigue. <i>PLoS ONE</i> , 2013, 8, e80731.	2.5	15
16	Neural mechanism of central inhibition during physical fatigue: A magnetoencephalography study. <i>Brain Research</i> , 2013, 1537, 117-124.	2.2	14
17	Neural regulatory mechanism of desire for food: Revealed by magnetoencephalography. <i>Brain Research</i> , 2014, 1543, 120-127.	2.2	14
18	Suppressive responses by visual food cues in postprandial activities of insular cortex as revealed by magnetoencephalography. <i>Brain Research</i> , 2014, 1568, 31-41.	2.2	14

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19	Neural substrates activated by viewing others expressing fatigue: A magnetoencephalography study. <i>Brain Research</i> , 2012, 1455, 68-74.	2.2	13
20	The Neural Substrates of Self-Evaluation of Mental Fatigue: A Magnetoencephalography Study. <i>PLoS ONE</i> , 2014, 9, e95763.	2.5	13
21	Regulatory mechanism of performance in chronic cognitive fatigue. <i>Medical Hypotheses</i> , 2014, 82, 567-571.	1.5	13
22	The Neural Mechanisms Underlying the Decision to Rest in the Presence of Fatigue: A Magnetoencephalography Study. <i>PLoS ONE</i> , 2014, 9, e109740.	2.5	13
23	Neural activity induced by visual food stimuli presented out of awareness: a preliminary magnetoencephalography study. <i>Scientific Reports</i> , 2018, 8, 3119.	3.3	12
24	Physical fatigue increases neural activation during eyes-closed state: a magnetoencephalography study. <i>Behavioral and Brain Functions</i> , 2015, 11, 35.	3.3	10
25	Effects of daily levels of fatigue and acutely induced fatigue on the visual evoked magnetic response. <i>Brain Research</i> , 2012, 1457, 44-50.	2.2	8
26	Evidence for unconscious regulation of performance in fatigue. <i>Scientific Reports</i> , 2017, 7, 16103.	3.3	8
27	The Neural Mechanisms of Re-Experiencing Mental Fatigue Sensation: A Magnetoencephalography Study. <i>PLoS ONE</i> , 2015, 10, e0122455.	2.5	8
28	The neural effects of positively and negatively re-experiencing mental fatigue sensation: a magnetoencephalography study. <i>Experimental Brain Research</i> , 2018, 236, 1735-1747.	1.5	6
29	The neural mechanisms of re-experiencing physical fatigue sensation: a magnetoencephalography study. <i>Experimental Brain Research</i> , 2016, 234, 2433-2446.	1.5	4
30	Visual food stimulus changes resting oscillatory brain activities related to appetitive motive. <i>Behavioral and Brain Functions</i> , 2016, 12, 26.	3.3	4
31	Decreased alpha-band oscillatory brain activity prior to movement initiated by perception of fatigue sensation. <i>Scientific Reports</i> , 2019, 9, 4000.	3.3	3
32	Neural effect of physical fatigue on mental fatigue: a magnetoencephalography study. <i>Fatigue: Biomedicine, Health and Behavior</i> , 2016, 4, 104-114.	1.9	2
33	Neural effects of hand-grip-activity induced fatigue sensation on appetite: a magnetoencephalography study. <i>Scientific Reports</i> , 2019, 9, 11044.	3.3	2
34	Neural mechanism by which physical fatigue sensation suppresses physical performance: a magnetoencephalography study. <i>Experimental Brain Research</i> , 2022, 240, 237-247.	1.5	1
35	Brain science of exercise-eating linkage for improvements in modern human health. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2017, 6, 295-300.	0.3	0
36	Neural correlates of the improvement of cognitive performance resulting from enhanced sense of competence: A magnetoencephalography study. <i>PLoS ONE</i> , 2021, 16, e0255272.	2.5	0

#	ARTICLE	IF	CITATIONS
37	Association between the total amount of electromagnetic cortical neuronal activity and a decline in motivation. <i>Physiological Reports</i> , 2021, 9, e15028.	1.7	0
38	Integrated Imaging on Fatigue and Chronic Fatigue. , 2020, , 227-233.		0