Akira Ishii

List of Publications by Year
in descending order

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 mechanism by which physical fatigue sensation suppresses physical performance: a magnetoencephalography study. Experimental Brain Research, 2022, 240, 237-247.	1.5	1
2	Neural correlates of the improvement of cognitive performance resulting from enhanced sense of competence: A magnetoencephalography study. PLoS ONE, 2021, 16, e0255272.	2.5	0
3	Association between the total amount of electromagnetic cortical neuronal activity and a decline in motivation. Physiological Reports, 2021, 9, e15028.	1.7	0
4	Neural effects of acute stress on appetite: A magnetoencephalography study. PLoS ONE, 2020, 15, e0228039.	2.5	17
5	Integrated Imaging on Fatigue and Chronic Fatigue. , 2020, , 227-233.		0
6	Neural effects of hand-grip-activity induced fatigue sensation on appetite: a magnetoencephalography study. Scientific Reports, 2019, 9, 11044.	3.3	2
7	Decreased alpha-band oscillatory brain activity prior to movement initiated by perception of fatigue sensation. Scientific Reports, 2019, 9, 4000.	3.3	3
8	Neural activity induced by visual food stimuli presented out of awareness: a preliminary magnetoencephalography study. Scientific Reports, 2018, 8, 3119.	3.3	12
9	The neural effects of positively and negatively re-experiencing mental fatigue sensation: a magnetoencephalography study. Experimental Brain Research, 2018, 236, 1735-1747.	1.5	6
10	Evidence for unconscious regulation of performance in fatigue. Scientific Reports, 2017, 7, 16103.	3.3	8
11	Brain science of exercise-eating linkage for improvements in modern human health. The Journal of Physical Fitness and Sports Medicine, 2017, 6, 295-300.	0.3	0
12	Neural effect of physical fatigue on mental fatigue: a magnetoencephalography study. Fatigue: Biomedicine, Health and Behavior, 2016, 4, 104-114.	1.9	2
13	The neural mechanisms of re-experiencing physical fatigue sensation: a magnetoencephalography study. Experimental Brain Research, 2016, 234, 2433-2446.	1.5	4
14	Visual food stimulus changes resting oscillatory brain activities related to appetitive motive. Behavioral and Brain Functions, 2016, 12, 26.	3.3	4
15	Physical fatigue increases neural activation during eyes-closed state: a magnetoencephalography study. Behavioral and Brain Functions, 2015, 11, 35.	3.3	10
16	Frontier studies on fatigue, autonomic nerve dysfunction, and sleep-rhythm disorder. Journal of Physiological Sciences, 2015, 65, 483-498.	2.1	70
17	The Neural Mechanisms of Re-Experiencing Mental Fatigue Sensation: A Magnetoencephalography Study. PLoS ONE, 2015, 10, e0122455.	2.5	8
18	The Neural Substrates of Self-Evaluation of Mental Fatigue: A Magnetoencephalography Study. PLoS ONE, 2014, 9, e95763.	2.5	13

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19	Neural mechanisms of mental fatigue. Reviews in the Neurosciences, 2014, 25, 469-79.	2.9	105
20	Neural effects of mental fatigue caused by continuous attention load: A magnetoencephalography study. Brain Research, 2014, 1561, 60-66.	2.2	72
21	Regulatory mechanism of performance in chronic cognitive fatigue. Medical Hypotheses, 2014, 82, 567-571.	1.5	13
22	Neural regulatory mechanism of desire for food: Revealed by magnetoencephalography. Brain Research, 2014, 1543, 120-127.	2.2	14
23	Neural effect of mental fatigue on physical fatigue: A magnetoencephalography study. Brain Research, 2014, 1542, 49-55.	2.2	36
24	Suppressive responses by visual food cues in postprandial activities of insular cortex as revealed by magnetoencephalography. Brain Research, 2014, 1568, 31-41.	2.2	14
25	The Neural Mechanisms Underlying the Decision to Rest in the Presence of Fatigue: A Magnetoencephalography Study. PLoS ONE, 2014, 9, e109740.	2.5	13
26	Fatigue sensation induced by the sounds associated with mental fatigue and its related neural activities: revealed by magnetoencephalography. Behavioral and Brain Functions, 2013, 9, 24.	3.3	15
27	Two types of mental fatigue affect spontaneous oscillatory brain activities in different ways. Behavioral and Brain Functions, 2013, 9, 2.	3.3	50
28	Neural mechanisms underlying chronic fatigue. Reviews in the Neurosciences, 2013, 24, 617-28.	2.9	30
29	Neural effects of prolonged mental fatigue: A magnetoencephalography study. Brain Research, 2013, 1529, 105-112.	2.2	32
30	Neural mechanism of central inhibition during physical fatigue: A magnetoencephalography study. Brain Research, 2013, 1537, 117-124.	2.2	14
31	Two different types of mental fatigue produce different styles of task performance. Neurology Psychiatry and Brain Research, 2013, 19, 5-11.	2.0	37
32	Neural Correlates of Central Inhibition during Physical Fatigue. PLoS ONE, 2013, 8, e70949.	2.5	23
33	Immediate neural responses of appetitive motives and its relationship with hedonic appetite and body weight as revealed by magnetoencephalography. Medical Science Monitor, 2013, 19, 631-640.	1.1	19
34	Neural Mechanism of Facilitation System during Physical Fatigue. PLoS ONE, 2013, 8, e80731.	2.5	15
35	Effect of mental fatigue on the central nervous system: an electroencephalography study. Behavioral and Brain Functions, 2012, 8, 48.	3.3	96
36	Neural substrates activated by viewing others expressing fatigue: A magnetoencephalography study. Brain Research, 2012, 1455, 68-74.	2.2	13

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37	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
38	The neural basis of academic achievement motivation. NeuroImage, 2008, 42, 369-378.	4.2	78