

# Mitsuaki Takemi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/299381/publications.pdf>

Version: 2024-02-01

12  
papers

372  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

544  
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-related desynchronization reflects downregulation of intracortical inhibition in human primary motor cortex. <i>Journal of Neurophysiology</i> , 2013, 110, 1158-1166.	1.8	182
2	Sensorimotor event-related desynchronization represents the excitability of human spinal motoneurons. <i>Neuroscience</i> , 2015, 297, 58-67.	2.3	59
3	Cortical control of object-specific grasp relies on adjustments of both activity and effective connectivity: a common marmoset study. <i>Journal of Physiology</i> , 2017, 595, 7203-7221.	2.9	27
4	Muscle-selective disinhibition of corticomotor representations using a motor imagery-based brain-computer interface. <i>NeuroImage</i> , 2018, 183, 597-605.	4.2	23
5	Cortical reorganization of lower-limb motor representations in an elite archery athlete with congenital amputation of both arms. <i>NeuroImage: Clinical</i> , 2020, 25, 102144.	2.7	19
6	Is event-related desynchronization a biomarker representing corticospinal excitability?. , 2013, 2013, 281-4.		14
7	Three-dimensional motion analysis of arm-reaching movements in healthy and hemiparalyzed common marmosets. <i>Behavioural Brain Research</i> , 2014, 275, 259-268.	2.2	14
8	Synchronizing the transcranial magnetic pulse with electroencephalographic recordings effectively reduces inter-trial variability of the pulse artefact. <i>PLoS ONE</i> , 2017, 12, e0185154.	2.5	10
9	Rapid Identification of Cortical Motor Areas in Rodents by High-Frequency Automatic Cortical Stimulation and Novel Motor Threshold Algorithm. <i>Frontiers in Neuroscience</i> , 2017, 11, 580.	2.8	8
10	Spectral Power in Marmoset Frontal Motor Cortex during Natural Locomotor Behavior. <i>Cerebral Cortex</i> , 2021, 31, 1077-1089.	2.9	8
11	Accurate motor mapping in awake common marmosets using micro-electrocorticographical stimulation and stochastic threshold estimation. <i>Journal of Neural Engineering</i> , 2018, 15, 036019.	3.5	5
12	Event-Related Desynchronization by Hand Motor Imagery Is Associated with Corticospinal Excitability: Physiological Evidence for BCI Based Neurorehabilitation. <i>Biosystems and Biorobotics</i> , 2014, , 85-94.	0.3	2