Eun Jung Hwang

List of Publications by Year
in descending order

19 papers	**1,185** citations	567281 **15** h-index
19 all docs	**19** docs citations	**19** times ranked

839539
18
g-index

1459
citing authors

#	Article	IF	Citations
1	Circuit Mechanisms of Sensorimotor Learning. Neuron, 2016, 92, 705-721.	8.1	167
2	Cognitive Neural Prosthetics. Annual Review of Psychology, 2010, 61, 169-190.	17.7	162
3	History-based action selection bias in posterior parietal cortex. Nature Communications, 2017, 8, 1242.	12.8	117
4	Optic Ataxia: From Balintâ€™s Syndrome to the Parietal Reach Region. Neuron, 2014, 81, 967-983.	8.1	112
5	A micromachined silicon depth probe for multichannel neural recording. IEEE Transactions on Biomedical Engineering, 2000, 47, 1082-1087.	4.2	94
6	Brain Control of Movement Execution Onset Using Local Field Potentials in Posterior Parietal Cortex. Journal of Neuroscience, 2009, 29, 14363-14370.	3.6	79
7	Inactivation of the Parietal Reach Region Causes Optic Ataxia, Impairing Reaches but Not Saccades. Neuron, 2012, 76, 1021-1029.	8.1	75
8	Volitional Control of Neural Activity Relies on the Natural Motor Repertoire. Current Biology, 2013, 23, 353-361.	3.9	72
9	The utility of multichannel local field potentials for brainâ€"machine interfaces. Journal of Neural Engineering, 2013, 10, 046005.	3.5	65
10	Disengagement of motor cortex from movement control during long-term learning. Science Advances, 2019, 5, eaay0001.	10.3	52
11	Spatial and Temporal Eye-Hand Coordination Relies on the Parietal Reach Region. Journal of Neuroscience, 2014, 34, 12884-12892.	3.6	43
12	Corticostriatal Flow of Action Selection Bias. Neuron, 2019, 104, 1126-1140.e6.	8.1	40
13	Effects of visual stimulation on LFPs, spikes, and LFP-spike relations in PRR. Journal of Neurophysiology, 2011, 105, 1850-1860.	1.8	30
14	Spiking and LFP activity in PRR during symbolically instructed reaches. Journal of Neurophysiology, 2012, 107, 836-849.	1.8	24
15	Disengagement of Motor Cortex during Long-Term Learning Tracks the Performance Level of Learned Movements. Journal of Neuroscience, 2021, 41, 7029-7047.	3.6	19
16	The basal ganglia, the ideal machinery for the cost-benefit analysis of action plans. Frontiers in Neural Circuits, 2013, 7, 121.	2.8	17
17	Cognitively driven brain machine control using neural signals in the parietal reach region. , 2010, 2010, 3329-32.		7
18	A Canonical Scheme of Bottom-Up and Top-Down Information Flows in the Frontoparietal Network. Frontiers in Neural Circuits, 2021, 15, 691314.	2.8	7

#	Article	IF	Citations
19	FARCI: Fast and Robust Connectome Inference. Brain Sciences, 2021, 11, 1556.	2.3	3