Dominique Pritchett

List of Publications by Year
in descending order

15	1,266	759233 12	996975 15
papers	citations	h-index	g-index

17	17	17	1691
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computational Saturation Mutagenesis to Investigate the Effects of Neurexin-1 Mutations on AlphaFold Structure. Genes, 2022, 13, 789.	2.4	4
2	Hemispheric and Sex Differences in Mustached Bat Primary Auditory Cortex Revealed by Neural Responses to Slow Frequency Modulations. Symmetry, 2021, 13, 1037.	2.2	4
3	Locomotor activity modulates associative learning in mouse cerebellum. Nature Neuroscience, 2018, 21, 725-735.	14.8	84
4	Attention Drives Synchronization of Alpha and Beta Rhythms between Right Inferior Frontal and Primary Sensory Neocortex. Journal of Neuroscience, 2015, 35, 2074-2082.	3.6	79
5	For things needing your attention: the role of neocortical gamma in sensory perception. Current Opinion in Neurobiology, 2015, 31, 254-263.	4.2	39
6	Gamma-range synchronization of fast-spiking interneurons can enhance detection of tactile stimuli. Nature Neuroscience, 2014, 17, 1371-1379.	14.8	137
7	A matter of trial and error for motor learning. Trends in Neurosciences, 2014, 37, 465-466.	8.6	2
8	The flexDrive: an ultra-light implant for optical control and highly parallel chronic recording of neuronal ensembles in freely moving mice. Frontiers in Systems Neuroscience, 2013, 7, 8.	2.5	137
9	Effects of mindfulness meditation training on anticipatory alpha modulation in primary somatosensory cortex. Brain Research Bulletin, 2011, 85, 96-103.	3.0	99
10	Dynamics of Dynamics within a Single Data Acquisition Session: Variation in Neocortical Alpha Oscillations in Human MEG. PLoS ONE, 2011, 6, e24941.	2.5	14
11	What do We Gain from Gamma? Local Dynamic Gain Modulation Drives Enhanced Efficacy and Efficiency of Signal Transmission. Frontiers in Human Neuroscience, 2010, 04, 185.	2.0	38
12	Transformations in oscillatory activity and evoked responses in primary somatosensory cortex in middle age: A combined computational neural modeling and MEG study. NeuroImage, 2010, 52, 897-912.	4.2	44
13	Cued Spatial Attention Drives Functionally Relevant Modulation of the Mu Rhythm in Primary Somatosensory Cortex. Journal of Neuroscience, 2010, 30, 13760-13765.	3.6	234
14	Quantitative Analysis and Biophysically Realistic Neural Modeling of the MEG Mu Rhythm: Rhythmogenesis and Modulation of Sensory-Evoked Responses. Journal of Neurophysiology, 2009, 102, 3554-3572.	1.8	203
15	Neural Correlates of Tactile Detection: A Combined Magnetoencephalography and Biophysically Based Computational Modeling Study. Journal of Neuroscience, 2007, 27, 10751-10764.	3.6	142