

Dominique Pritchett

List of Publications by Year in descending order

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15
papers

1,266
citations

759233

12
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

1691
citing authors

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