AndrÃ© M Bastos

List of Publications by Year
in descending order

16	6,164	566801 15	940134 16
papers	citations	h-index	g-index

17	17	17	6322
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Canonical Microcircuits for Predictive Coding. Neuron, 2012, 76, 695-711.	3.8	1,876
2	Visual Areas Exert Feedforward and Feedback Influences through Distinct Frequency Channels. Neuron, 2015, 85, 390-401.	3.8	1,036
3	A Tutorial Review of Functional Connectivity Analysis Methods and Their Interpretational Pitfalls. Frontiers in Systems Neuroscience, 2015, 9, 175.	1.2	820
4	Attentional Stimulus Selection through Selective Synchronization between Monkey Visual Areas. Neuron, 2012, 75, 875-888.	3.8	665
5	Working Memory 2.0. Neuron, 2018, 100, 463-475.	3.8	492
6	Laminar recordings in frontal cortex suggest distinct layers for maintenance and control of working memory. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1117-1122.	3.3	234
7	Communication through coherence with inter-areal delays. Current Opinion in Neurobiology, 2015, 31, 173-180.	2.0	203
8	LFP and oscillationsâ€"what do they tell us?. Current Opinion in Neurobiology, 2015, 31, 1-6.	2.0	159
9	Granger causality revisited. NeuroImage, 2014, 101, 796-808.	2.1	136
10	Layer and rhythm specificity for predictive routing. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31459-31469.	3.3	133
11	A DCM study of spectral asymmetries in feedforward and feedback connections between visual areas V1 and V4 in the monkey. NeuroImage, 2015, 108, 460-475.	2.1	129
12	Simultaneous Recordings from the Primary Visual Cortex and Lateral Geniculate Nucleus Reveal Rhythmic Interactions and a Cortical Source for Gamma-Band Oscillations. Journal of Neuroscience, 2014, 34, 7639-7644.	1.7	102
13	Neural effects of propofol-induced unconsciousness and its reversal using thalamic stimulation. ELife, 2021, 10, .	2.8	73
14	Brain rhythms define distinct interaction networks with differential dependence on anatomy. Neuron, 2021, 109, 3862-3878.e5.	3.8	60
15	Preservation and Changes in Oscillatory Dynamics across the Cortical Hierarchy. Journal of Cognitive Neuroscience, 2020, 32, 2024-2035.	1.1	36
16	Bayesian Modelling of Induced Responses and Neuronal Rhythms. Brain Topography, 2019, 32, 569-582.	0.8	7