Chris Trengove

List of Publications by Year
in descending order

13 papers	281 citations	1307594 7 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	303 citing authors

#	Article	IF	Citations
1	Is predictive coding theory articulated enough to be testable?. Frontiers in Computational Neuroscience, 2015, 9, 111.	2.1	78
2	Traveling waves and trial averaging: The nature of single-trial and averaged brain responses in large-scale cortical signals. NeuroImage, 2013, 73, 95-112.	4.2	72
3	Detecting synfire chains in parallel spike data. Journal of Neuroscience Methods, 2012, 206, 54-64.	2.5	32
4	Donders is dead: cortical traveling waves and the limits of mental chronometry in cognitive neuroscience. Cognitive Processing, 2015, 16, 365-375.	1.4	22
5	Self-organisation of small-world networks by adaptive rewiring in response to graph diffusion. Scientific Reports, 2017, 7, 13158.	3.3	22
6	High-capacity embedding of synfire chains in a cortical network model. Journal of Computational Neuroscience, 2013, 34, 185-209.	1.0	21
7	Spatially constrained adaptive rewiring in cortical networks creates spatially modular small world architectures. Cognitive Neurodynamics, 2014, 8, 479-497.	4.0	19
8	Generalization of learning by synchronous waves: from perceptual organization to invariant organization. Cognitive Neurodynamics, 2011, 5, 113-132.	4.0	8
9	Dynamic effective connectivity in cortically embedded systems of recurrently coupled synfire chains. Journal of Computational Neuroscience, 2016, 40, 1-26.	1.0	5
10	High storage capacity of synfire chains in large-scale cortical networks of conductance-based spiking neurons. BMC Neuroscience, 2010, 11, .	1.9	1
11	Complex Network Topology and Dynamics in Networks Supporting Precisely-Timed Activity Patterns. , 2013, , 317-322.		1
12	Proof of concept: a spatial modular small-world self-organises by adaptive rewiring. BMC Neuroscience, 2015, 16, .	1.9	0
13	Effective connectivity analysis explains metastable states of ongoing activity in cortically embedded systems of coupled synfire chains. BMC Neuroscience, 2015, 16, .	1.9	0