

# Chris Trengove

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11869775/publications.pdf>

Version: 2024-02-01

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