Caglar Cakan

List of Publications by Year
in descending order

12 papers	143 citations	1684188 5 h-index	1872680 6 g-index
15 all docs	15 docs citations	15 times ranked	162 citing authors

#	Article	IF	Citations
1	Using Machine Learning to Estimate Unobserved COVID-19 Infections in North America. Journal of Bone and Joint Surgery - Series A, 2020, 102, e70.	3.0	44
2	Biophysically grounded mean-field models of neural populations under electrical stimulation. PLoS Computational Biology, 2020, 16, e1007822.	3.2	41
3	neurolib: A Simulation Framework for Whole-Brain Neural Mass Modeling. Cognitive Computation, 2023, 15, 1132-1152.	5.2	22
4	Spatiotemporal Patterns of Adaptation-Induced Slow Oscillations in a Whole-Brain Model of Slow-Wave Sleep. Frontiers in Computational Neuroscience, 2021, 15, 800101.	2.1	17
5	Applications of optimal nonlinear control to a whole-brain network of FitzHugh-Nagumo oscillators. Physical Review E, 2021, 104, 024213.	2.1	7
6	Cross-Frequency Slow Oscillationâ€“Spindle Coupling in a Biophysically Realistic Thalamocortical Neural Mass Model. Frontiers in Computational Neuroscience, 2022, 16, .	2.1	4
7	Biophysically grounded mean-field models of neural populations under electrical stimulation. , 2020, 16, e1007822.		0
8	Biophysically grounded mean-field models of neural populations under electrical stimulation. , 2020, 16, e1007822.		0
9	Biophysically grounded mean-field models of neural populations under electrical stimulation. , 2020, 16, e1007822.		0
10	Biophysically grounded mean-field models of neural populations under electrical stimulation. , 2020, 16, e1007822.		0
11	Biophysically grounded mean-field models of neural populations under electrical stimulation. , 2020, 16, e1007822.		0
12	Biophysically grounded mean-field models of neural populations under electrical stimulation. , 2020, 16, e1007822.		0