Hazem Toutounji

List of Publications by Year
in descending order

9 papers	**135** citations	1478505 **6** h-index	1474206 **9** g-index
12 all docs	**12** docs citations	**12** times ranked	**146** citing authors

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#	ARTICLE	IF	CITATIONS
1	Identifying nonlinear dynamical systems via generative recurrent neural networks with applications to fMRI. PLoS Computational Biology, 2019, 15, e1007263.	3.2	32
2	Spatiotemporal Computations of an Excitable and Plastic Brain: Neuronal Plasticity Leads to Noise-Robust and Noise-Constructive Computations. PLoS Computational Biology, 2014, 10, e1003512.	3.2	28
3	Computational models as statistical tools. Current Opinion in Behavioral Sciences, 2016, 11, 93-99.	3.9	19
4	Behavior control in the sensorimotor loop with short-term synaptic dynamics induced by self-regulating neurons. Frontiers in Neurorobotics, 2014, 8, 19.	2.8	15
5	Coordinated Prefrontal State Transition Leads Extinction of Reward-Seeking Behaviors. Journal of Neuroscience, 2021, 41, 2406-2419.	3.6	12
6	Detecting Multiple Change Points Using Adaptive Regression Splines With Application to Neural Recordings. Frontiers in Neuroinformatics, 2018, 12, 67.	2.5	10
7	Homeostatic Plasticity for Single Node Delay-Coupled Reservoir Computing. Neural Computation, 2015, 27, 1159-1185.	2.2	5
8	Persistent Memory in Single Node Delay-Coupled Reservoir Computing. PLoS ONE, 2016, 11, e0165170.	2.5	4
9	Scalable reinforcement learning through hierarchical decompositions for weakly-coupled problems. , 2011, , .		0