

Hazem Toutounji

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

135
citations

1478505

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1474206

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146
citing authors

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