

Emmanuel DaucÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

201
citations

1307594

7
h-index

1125743

13
g-index

26
all docs

26
docs citations

26
times ranked

213
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Self-organization and dynamics reduction in recurrent networks: stimulus presentation and learning. <i>Neural Networks</i> , 1998, 11, 521-533. | 5.9 | 66 |
| 2 | Multistability in Large Scale Models of Brain Activity. <i>PLoS Computational Biology</i> , 2015, 11, e1004644. | 3.2 | 55 |
| 3 | Resonant spatiotemporal learning in large random recurrent networks. <i>Biological Cybernetics</i> , 2002, 87, 185-198. | 1.3 | 10 |
| 4 | Active Fovea-Based Vision Through Computationally-Effective Model-Based Prediction. <i>Frontiers in Neurorobotics</i> , 2018, 12, 76. | 2.8 | 10 |
| 5 | Mean-field Theory and Synchronization in Random Recurrent Neural Networks. <i>Neural Processing Letters</i> , 2001, 14, 115-126. | 3.2 | 8 |
| 6 | A dual foveal-peripheral visual processing model implements efficient saccade selection. <i>Journal of Vision</i> , 2020, 20, 22. | 0.3 | 8 |
| 7 | Temporal pattern identification using spike-timing dependent plasticity. <i>Neurocomputing</i> , 2007, 70, 2009-2016. | 5.9 | 7 |
| 8 | Learning and control with chaos: From biology to robotics. <i>Behavioral and Brain Sciences</i> , 2001, 24, 824-825. | 0.7 | 5 |
| 9 | Visual Search as Active Inference. <i>Communications in Computer and Information Science</i> , 2020, , 165-178. | 0.5 | 5 |
| 10 | Short term memory in recurrent networks of spiking neurons. <i>Natural Computing</i> , 2004, 3, 135-157. | 3.0 | 2 |
| 11 | Learning and control with large dynamic neural networks. <i>European Physical Journal: Special Topics</i> , 2007, 142, 123-161. | 2.6 | 2 |
| 12 | Computational neuroscience, from multiple levels to multi-level. <i>Journal of Physiology (Paris)</i> , 2010, 104, 1-4. | 2.1 | 2 |
| 13 | Reward-based online learning in non-stationary environments: Adapting a P300-speller with a “backspace” key. , 2015, , . | | 2 |
| 14 | How and where does the brain predict the when: a Bayesian approach to modeling temporal expectation. <i>BMC Neuroscience</i> , 2011, 12, . | 1.9 | 1 |
| 15 | Novelty Learning in a Discrete Time Chaotic Network. <i>Perspectives in Neural Computing</i> , 1998, , 1051-1056. | 0.1 | 0 |
| 16 | A model of cell specialization using a Hebbian policy-gradient approach with "slow" noise. <i>BMC Neuroscience</i> , 2009, 10, . | 1.9 | 0 |
| 17 | Simple spatio-temporal transformation with sub-threshold integration in the saccadic system. <i>BMC Neuroscience</i> , 2011, 12, . | 1.9 | 0 |
| 18 | Multistability in large scale models of brain activity. <i>BMC Neuroscience</i> , 2013, 14, . | 1.9 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Learning from Chaos: A Model of Dynamical Perception. Lecture Notes in Computer Science, 2001, , 1129-1134. | 1.3 | 0 |
| 20 | A Model of Neuronal Specialization Using Hebbian Policy-Gradient with "Slow" Noise. Lecture Notes in Computer Science, 2009, , 218-228. | 1.3 | 0 |
| 21 | End-Effect Exploration Drive for Effective Motor Learning. Communications in Computer and Information Science, 2020, , 114-124. | 0.5 | 0 |