

Jeff Hawkins

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7858820/publications.pdf>

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7
papers

984
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

935
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Towards a Mathematical Theory of Cortical Micro-circuits. PLoS Computational Biology, 2009, 5, e1000532. | 3.2 | 312 |
| 2 | Why Neurons Have Thousands of Synapses, a Theory of Sequence Memory in Neocortex. Frontiers in Neural Circuits, 2016, 10, 23. | 2.8 | 278 |
| 3 | Continuous Online Sequence Learning with an Unsupervised Neural Network Model. Neural Computation, 2016, 28, 2474-2504. | 2.2 | 156 |
| 4 | A Theory of How Columns in the Neocortex Enable Learning the Structure of the World. Frontiers in Neural Circuits, 2017, 11, 81. | 2.8 | 95 |
| 5 | The HTM Spatial Pooler—A Neocortical Algorithm for Online Sparse Distributed Coding. Frontiers in Computational Neuroscience, 2017, 11, 111. | 2.1 | 77 |
| 6 | Sequence memory for prediction, inference and behaviour. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1203-1209. | 4.0 | 64 |
| 7 | Two paths diverged in the brain, Ray Guillery chose the one less studied. European Journal of Neuroscience, 2019, 49, 1005-1007. | 2.6 | 2 |