

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