

K P Unnikrishnan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

687
citations

1307594

7
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

310
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovering Functional Neuronal Connectivity from Serial Patterns in Spike Train Data. Neural Computation, 2014, 26, 1263-1297.	2.2	6
2	Spatio-temporal Structure of US Critical Care Transfer Network. AMIA Summits on Translational Science Proceedings, 2011, 2011, 74-8.	0.4	8
3	Discovering specific cascades in critical care transfer networks. , 2010, , .		1
4	Conditional Probability-Based Significance Tests for Sequential Patterns in Multineuronal Spike Trains. Neural Computation, 2010, 22, 1025-1059.	2.2	22
5	A fast algorithm for finding frequent episodes in event streams. , 2007, , .		83
6	Two Timescale Analysis of the Alopex Algorithm for Optimization. Neural Computation, 2002, 14, 2729-2750.	2.2	17
7	Role of feedback in mammalian vision: a new hypothesis and a computational model. Vision Research, 1999, 39, 131-148.	1.4	6
8	An Engineering Principle Used by Mother Nature: Use of Feedback for Robust Columnar Development. , 1997, , 533-542.		0
9	Alopex: A Correlation-Based Learning Algorithm for Feedforward and Recurrent Neural Networks. Neural Computation, 1994, 6, 469-490.	2.2	94
10	Memory neuron networks for identification and control of dynamical systems. IEEE Transactions on Neural Networks, 1994, 5, 306-319.	4.2	301
11	The Role of Subplate Feedback in the Development of Ocular Dominance Columns. , 1993, , 389-393.		1
12	Dynamical Control of Visual Attention Through Feedback Pathways: A Network Model. , 1993, , 215-219.		1
13	Reafferent stimulation: a mechanism for late vision and cognitive processes. , 1988, , 432-454.		1
14	The inversion of sensory processing by feedback pathways: a model of visual cognitive functions. Science, 1987, 237, 184-187.	12.6	108
15	Brainstem control of sensory information: A mechanism for perception. International Journal of Psychophysiology, 1985, 3, 101-119.	1.0	38