

# K P Unnikrishnan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11137312/publications.pdf>

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