

Sohan Seth

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

388
citations

1040056

9
h-index

1199594

12
g-index

26
all docs

26
docs citations

26
times ranked

501
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling-based experiment retrieval: a case study with gene expression clustering. <i>Bioinformatics</i> , 2016, 32, 1388-1394.	4.1	10
2	Probabilistic archetypal analysis. <i>Machine Learning</i> , 2016, 102, 85-113.	5.4	42
3	Quantized mixture kernel least mean square. , 2014, , .		6
4	Exploration and retrieval of whole-metagenome sequencing samples. <i>Bioinformatics</i> , 2014, 30, 2471-2479.	4.1	29
5	Learning dependence from samples. <i>International Journal of Bioinformatics Research and Applications</i> , 2014, 10, 43.	0.2	3
6	Adaptive Inverse Control of Neural Spatiotemporal Spike Patterns With a Reproducing Kernel Hilbert Space (RKHS) Framework. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2013, 21, 532-543.	4.9	23
7	Mixture kernel least mean square. , 2013, , .		27
8	Kernel Methods on Spike Train Space for Neuroscience: A Tutorial. <i>IEEE Signal Processing Magazine</i> , 2013, 30, 149-160.	5.6	43
9	Conditional Association. <i>Neural Computation</i> , 2012, 24, 1882-1905.	2.2	6
10	Strictly Positive-Definite Spike Train Kernels for Point-Process Divergences. <i>Neural Computation</i> , 2012, 24, 2223-2250.	2.2	24
11	Analyzing dependence structure of the human brain in response to visual stimuli. , 2012, , .		5
12	An Association Framework to Analyze Dependence Structure in Time Series. , 2012, 2012, 6176-9.		6
13	Quantifying Cognitive State From EEG Using Dependence Measures. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 2773-2781.	4.2	23
14	A Unified Framework for Quadratic Measures of Independence. <i>IEEE Transactions on Signal Processing</i> , 2011, 59, 3624-3635.	5.3	16
15	A metric approach toward point process divergence. , 2011, , .		2
16	A test of independence based on a generalized correlation function. <i>Signal Processing</i> , 2011, 91, 15-27.	3.7	27
17	Robust EEG preprocessing for dependence-based condition discrimination. , 2011, 2011, 1407-10.		8
18	Evaluating dependence in spike train metric spaces. , 2011, , .		6

#	ARTICLE	IF	CITATIONS
19	Estimation of symmetric chi-square divergence for point processes. , 2011, , .		3
20	A Test of Granger Non-causality Based on Nonparametric Conditional Independence. , 2010, , .		1
21	A conditional distribution function based approach to design nonparametric tests of independence and conditional independence. , 2010, , .		4
22	A conditional independence perspective of variable selection. , 2010, , .		0
23	Variable Selection: A Statistical Dependence Perspective. , 2010, , .		12
24	On speeding up computation in information theoretic learning. , 2009, , .		14
25	Estimation of density ratio and its application to design a measure of dependence. , 2009, , .		1
26	Compressed signal reconstruction using the correntropy induced metric. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	47