

Lawrence K Saul

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

11,228
citations

8
h-index

15
g-index

15
ext. papers

13,429
ext. citations

9.2
avg, IF

6.49
L-index

#	Paper	IF	Citations
14	Nonlinear dimensionality reduction by locally linear embedding. <i>Science</i> , 2000 , 290, 2323-6	33.3	9190
13	An Introduction to Variational Methods for Graphical Models. <i>Machine Learning</i> , 1999 , 37, 183-233	4	1241
12	Unsupervised Learning of Image Manifolds by Semidefinite Programming. <i>International Journal of Computer Vision</i> , 2006 , 70, 77-90	10.6	369
11	Learning a kernel matrix for nonlinear dimensionality reduction 2004 ,		218
10	Modeling distances in large-scale networks by matrix factorization 2004 ,		74
9	IDES: An Internet Distance Estimation Service for Large Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2006 , 24, 2273-2284	14.2	48
8	Analysis and extension of spectral methods for nonlinear dimensionality reduction 2005 ,		46
7	Comparison of Large Margin Training to Other Discriminative Methods for Phonetic Recognition by Hidden Markov Models 2007 ,		33
6	A tractable latent variable model for nonlinear dimensionality reduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 15403-15408	11.5	3
5	Large Margin Training of Continuous Density Hidden Markov Models 101-114		3
4	Online Learning and Acoustic Feature Adaptation in Large-Margin Hidden Markov Models. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2010 , 4, 926-942	7.5	2
3	Large-margin feature adaptation for automatic speech recognition 2009 ,		1
2	An EM Algorithm for Capsule Regression. <i>Neural Computation</i> , 2021 , 33, 194-226	2.9	
1	A Nonlinear Matrix Decomposition for Mining the Zeros of Sparse Data. <i>SIAM Journal on Mathematics of Data Science</i> , 2022 , 4, 431-463	3.1	