Harri Valpola

List of Publications by Year
in descending order

10 papers	**314** citations	1307594 **7** h-index	1588992 **8** g-index
10 all docs	**10** docs citations	**10** times ranked	**273** citing authors

#	ARTICLE	IF	CITATIONS
1	From neural PCA to deep unsupervised learning. , 2015, , 143-171.		94
2	An Unsupervised Ensemble Learning Method for Nonlinear Dynamic State-Space Models. Neural Computation, 2002, 14, 2647-2692.	2.2	80
3	Hierarchical models of variance sources. Signal Processing, 2004, 84, 267-282.	3.7	35
4	Variational Learning and Bits-Back Coding: An Information-Theoretic View to Bayesian Learning. IEEE Transactions on Neural Networks, 2004, 15, 800-810.	4.2	27
5	Blind separation of nonlinear mixtures by variational Bayesian learning. , 2007, 17, 914-934.		19
6	Exploratory analysis of climate data using source separation methods. Neural Networks, 2006, 19, 155-167.	5.9	17
7	Nonlinear Dynamical Factor Analysis for State Change Detection. IEEE Transactions on Neural Networks, 2004, 15, 559-575.	4.2	15
8	Accelerating Cyclic Update Algorithms for Parameter Estimation by Pattern Searches. Neural Processing Letters, 2003, 17, 191-203.	3.2	11
9	On the Effect of the Form of the Posterior Approximation in Variational Learning of ICA Models. Neural Processing Letters, 2005, 22, 183-204.	3.2	10
10	Compact Modeling of Data Using Independent Variable Group Analysis. IEEE Transactions on Neural Networks, 2007, 18, 1762-1776.	4.2	6