Hyeyoung Park

List of Publications by Year
in descending order

27 papers	394 citations	1040056 9 h-index	794594 19 g-index
27 all docs	27 docs citations	27 times ranked	200 citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Probabilistic Similarity Measure on Metric-Based Few-Shot Classification. Applied Sciences (Switzerland), 2021, 11, 10977.	2.5	0
2	Adaptive Natural Gradient Method for Learning Neural Networks with Large Data set in Mini-Batch Mode. , 2019, , .		2
3	Adaptive Natural Gradient Method for Learning of Stochastic Neural Networks in Mini-Batch Mode. Applied Sciences (Switzerland), 2019, 9, 4568.	2.5	2
4	Detection, Alignment, and Recognition of Partially Occluded Human Face Based on Statistical Learning of Local Features. , 2017, , .		0
5	Robust recognition of face with partial variations using local features and statistical learning. Neurocomputing, 2014, 129, 41-48.	5.9	19
6	Detection of Faces with Partial Occlusions using Statistical Face Model. Journal of KIISE, 2014, 41, 921-926.	0.1	1
7	Probabilistic learning of similarity measures for tensor PCA. Pattern Recognition Letters, 2012, 33, 1364-1372.	4.2	8
8	Nonlinear dimension reduction using ISOMap based on class information. , 2009, , .		4
9	Singularity and Slow Convergence of the EM algorithm for Gaussian Mixtures. Neural Processing Letters, 2009, 29, 45-59.	3.2	34
10	A feature analysis for dimension reduction based on a data generation model with class factors and environment factors. Computer Vision and Image Understanding, 2009, 113, 1005-1016.	4.7	1
11	Model Selection and Information Criterion. , 2009, , 333-354.		2
12	Singularities Affect Dynamics of Learning in Neuromanifolds. Neural Computation, 2006, 18, 1007-1065.	2.2	77
13	A Robust SVM Design for Multi-class Classification. Lecture Notes in Computer Science, 2005, , 1335-1338.	1.3	1
14	Slow Dynamics Due to Singularities of Hierarchical Learning Machines. Progress of Theoretical Physics Supplement, 2005, 157, 275-279.	0.1	10
15	Geometric Approach to Multilayer Perceptrons. , 2005, , 69-96.		1
16	Dynamics of the adaptive natural gradient descent method for soft committee machines. Physical Review E, 2004, 69, 056120.	2.1	4
17	Improving Generalization Performance of Natural Gradient Learning Using Optimized Regularization by NIC. Neural Computation, 2004, 16, 355-382.	2.2	16
18	Learning Dynamics of Neural Networks with Singularity â€" Standard Gradient vs. Natural Gradient. Lecture Notes in Computer Science, 2004, , 282-291.	1.3	2

#	Article	IF	Citations
19	Geometry of Learning in Multilayer Perceptrons. , 2004, , 49-60.		0
20	Learning and inference in hierarchical models with singularities. Systems and Computers in Japan, 2003, 34, 34-42.	0.2	10
21	Online learning dynamics of multilayer perceptrons with unidentifiable parameters. Journal of Physics A, 2003, 36, 11753-11764.	1.6	18
22	On-Line Learning Theory of Soft Committee Machines with Correlated Hidden Units â€"Steepest Gradient Descent and Natural Gradient Descentâ€". Journal of the Physical Society of Japan, 2003, 72, 805-810.	1.6	23
23	A New Similarity Measure Based on Intraclass Statistics for Biometric Systems. ETRI Journal, 2003, 25, 401-406.	2.0	20
24	Network Optimization through Learning and Pruning in Neuromanifold. Lecture Notes in Computer Science, 2002, , 169-177.	1.3	3
25	Practical Consideration on Generalization Property of Natural Gradient Learning. Lecture Notes in Computer Science, 2001, , 402-409.	1.3	1
26	Generalization Error and Training Error at Singularities of Multilayer Perceptrons. Lecture Notes in Computer Science, 2001, , 325-332.	1.3	0
27	Adaptive Method of Realizing Natural Gradient Learning for Multilayer Perceptrons. Neural Computation, 2000, 12, 1399-1409.	2.2	135