

Sang-Hoon Oh

List of Publications by Year in descending order

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papers

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all docs

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docs citations

44
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	An analysis of premature saturation in back propagation learning. <i>Neural Networks</i> , 1993, 6, 719-728.	5.9	109
2	Improving the error backpropagation algorithm with a modified error function. <i>IEEE Transactions on Neural Networks</i> , 1997, 8, 799-803.	4.2	75
3	Error back-propagation algorithm for classification of imbalanced data. <i>Neurocomputing</i> , 2011, 74, 1058-1061.	5.9	70
4	Sensitivity analysis of single hidden-layer neural networks with threshold functions. <i>IEEE Transactions on Neural Networks</i> , 1995, 6, 1005-1007.	4.2	36
5	A filter bank approach to independent component analysis for convolved mixtures. <i>Neurocomputing</i> , 2006, 69, 2065-2077.	5.9	21
6	Adaptive noise cancelling based on independent component analysis. <i>Electronics Letters</i> , 2002, 38, 832.	1.0	18
7	Unpaired Speech Enhancement by Acoustic and Adversarial Supervision for Speech Recognition. <i>IEEE Signal Processing Letters</i> , 2019, 26, 159-163.	3.6	18
8	Effect of nonlinear transformations on correlation between weighted sums in multilayer perceptrons. <i>IEEE Transactions on Neural Networks</i> , 1994, 5, 508-510.	4.2	17
9	Associative-memory model based on neural networks: modification of Hopfield model. <i>Optics Letters</i> , 1988, 13, 74.	3.3	16
10	A new error function at hidden layers for past training of multilayer perceptrons. <i>IEEE Transactions on Neural Networks</i> , 1999, 10, 960-964.	4.2	16
11	A Modified Error Function to Improve the Error Back-Propagation Algorithm for Multi-Layer Perceptrons. <i>ETRI Journal</i> , 1995, 17, 11-22.	2.0	14
12	Input Noise Immunity of Multilayer Perceptrons. <i>ETRI Journal</i> , 1994, 16, 35-43.	2.0	11
13	Unsupervised multi-sense language models for natural language processing tasks. <i>Neural Networks</i> , 2021, 142, 397-409.	5.9	9
14	A filter bank approach to independent component analysis and its application to adaptive noise cancelling. <i>Neurocomputing</i> , 2003, 55, 755-759.	5.9	7
15	A modified infomax algorithm for blind signal separation. <i>Neurocomputing</i> , 2006, 70, 229-240.	5.9	7
16	Binaural semi-blind dereverberation of noisy convoluted speech signals. <i>Neurocomputing</i> , 2008, 72, 636-642.	5.9	7
17	Deep CNNs Along the Time Axis With Intermap Pooling for Robustness to Spectral Variations. <i>IEEE Signal Processing Letters</i> , 2016, 23, 1310-1314.	3.6	7
18	A Bark-scale filter bank approach to independent component analysis for acoustic mixtures. <i>Neurocomputing</i> , 2009, 73, 304-314.	5.9	6

#	ARTICLE	IF	CITATIONS
19	A Statistical Perspective of Neural Networks for Imbalanced Data Problems. International Journal of Contents, 2011, 7, 1-5.	0.1	4
20	Improving the Error Back-Propagation Algorithm for Imbalanced Data Sets. International Journal of Contents, 2012, 8, 7-12.	0.1	4
21	An Adaptive Learning Rate with Limited Error Signals for Training of Multilayer Perceptrons. ETRI Journal, 2000, 22, 10-18.	2.0	3
22	Joint Estimation of Multiple Notes and Inharmonicity Coefficient Based on f_0 -Triplet for Automatic Piano Transcription. IEEE Signal Processing Letters, 2014, 21, 1536-1540.	3.6	3
23	Rescoring of N-Best Hypotheses Using Top-Down Selective Attention for Automatic Speech Recognition. IEEE Signal Processing Letters, 2018, 25, 199-203.	3.6	3
24	Statistical Analyses of Various Error Functions for Pattern Classifiers. Communications in Computer and Information Science, 2011, , 129-133.	0.5	3
25	An empirical comparison of simulated annealing and genetic algorithms on NK fitness landscapes. , 0, , .		2
26	Optimal learning rates for each pattern and neuron in gradient descent training of multilayer perceptrons. , 0, , .		2
27	Learning One-to-Many Mapping With Locally Linear Maps Based on Manifold Structure. IEEE Signal Processing Letters, 2011, 18, 521-524.	3.6	2
28	Classification of Imbalanced Data Using Multilayer Perceptrons. The Journal of the Korea Contents Association, 2009, 9, 141-148.	0.1	2
29	Protein Disorder Prediction Using Multilayer Perceptrons. International Journal of Contents, 2013, 9, 11-15.	0.1	2
30	Generalization of the cross-entropy error function to improve the error backpropagation algorithm. , 0, , .		1
31	A uniform oversampled filter bank approach to independent component analysis. , 0, , .		1
32	Noise-Robust Detection of Symmetric Axes by Self-Correcting Artificial Neural Network. Neural Processing Letters, 2015, 41, 179-189.	3.2	1
33	Adaptive learning rate and limited error signal for multilayer perceptrons with n-th order cross-entropy error. , 0, , .		0
34	Corrections to "a new error function at hidden layers for fast training of multilayer perceptrons". IEEE Transactions on Neural Networks, 1999, 10, 1541-1541.	4.2	0
35	A uniform oversampled filter bank approach to independent component analysis. , 2003, , .		0
36	A consideration on visualization of temporal signals by feedback SOM. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
37	Search performance for solving combinatorial optimization problems by a Hopfield network with applying iterative partial constraints. , 2015, , .		0
38	Blind Dereverberation of Single-Channel Speech Signals Using an ICA-Based Generative Model. Lecture Notes in Computer Science, 2004, , 1070-1075.	1.3	0
39	Comparisons of Linear Feature Extraction Methods. The Journal of the Korea Contents Association, 2009, 9, 121-130.	0.1	0
40	Hidden Node Pruning of Multilayer Perceptrons Based on Redundancy Reduction. Lecture Notes in Computer Science, 2011, , 245-249.	1.3	0
41	Self-correcting Symmetry Detection Network. Lecture Notes in Computer Science, 2012, , 559-566.	1.3	0
42	Effect of Nonlinear Transformations on Entropy of Hidden Nodes. International Journal of Contents, 2014, 10, 18-22.	0.1	0