

Sang-Hoon Oh

List of Publications by Year in descending order

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44
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsupervised multi-sense language models for natural language processing tasks. Neural Networks, 2021, 142, 397-409.	5.9	9
2	Unpaired Speech Enhancement by Acoustic and Adversarial Supervision for Speech Recognition. IEEE Signal Processing Letters, 2019, 26, 159-163.	3.6	18
3	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
4	Deep CNNs Along the Time Axis With Intermap Pooling for Robustness to Spectral Variations. IEEE Signal Processing Letters, 2016, 23, 1310-1314.	3.6	7
5	Search performance for solving combinatorial optimization problems by a Hopfield network with applying iterative partial constraints. , 2015, , .		0
6	Noise-Robust Detection of Symmetric Axes by Self-Correcting Artificial Neural Network. Neural Processing Letters, 2015, 41, 179-189.	3.2	1
7	A consideration on visualization of temporal signals by feedback SOM. , 2014, , .		0
8	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
9	Effect of Nonlinear Transformations on Entropy of Hidden Nodes. International Journal of Contents, 2014, 10, 18-22.	0.1	0
10	Protein Disorder Prediction Using Multilayer Perceptrons. International Journal of Contents, 2013, 9, 11-15.	0.1	2
11	Self-correcting Symmetry Detection Network. Lecture Notes in Computer Science, 2012, , 559-566.	1.3	0
12	Improving the Error Back-Propagation Algorithm for Imbalanced Data Sets. International Journal of Contents, 2012, 8, 7-12.	0.1	4
13	Learning One-to-Many Mapping With Locally Linear Maps Based on Manifold Structure. IEEE Signal Processing Letters, 2011, 18, 521-524.	3.6	2
14	Error back-propagation algorithm for classification of imbalanced data. Neurocomputing, 2011, 74, 1058-1061.	5.9	70
15	A Statistical Perspective of Neural Networks for Imbalanced Data Problems. International Journal of Contents, 2011, 7, 1-5.	0.1	4
16	Hidden Node Pruning of Multilayer Perceptrons Based on Redundancy Reduction. Lecture Notes in Computer Science, 2011, , 245-249.	1.3	0
17	Statistical Analyses of Various Error Functions for Pattern Classifiers. Communications in Computer and Information Science, 2011, , 129-133.	0.5	3
18	A Bark-scale filter bank approach to independent component analysis for acoustic mixtures. Neurocomputing, 2009, 73, 304-314.	5.9	6

#	ARTICLE	IF	CITATIONS
19	Classification of Imbalanced Data Using Multilayer Perceptrons. The Journal of the Korea Contents Association, 2009, 9, 141-148.	0.1	2
20	Comparisons of Linear Feature Extraction Methods. The Journal of the Korea Contents Association, 2009, 9, 121-130.	0.1	0
21	Binaural semi-blind dereverberation of noisy convoluted speech signals. Neurocomputing, 2008, 72, 636-642.	5.9	7
22	A filter bank approach to independent component analysis for convolved mixtures. Neurocomputing, 2006, 69, 2065-2077.	5.9	21
23	A modified infomax algorithm for blind signal separation. Neurocomputing, 2006, 70, 229-240.	5.9	7
24	Blind Dereverberation of Single-Channel Speech Signals Using an ICA-Based Generative Model. Lecture Notes in Computer Science, 2004, , 1070-1075.	1.3	0
25	A filter bank approach to independent component analysis and its application to adaptive noise cancelling. Neurocomputing, 2003, 55, 755-759.	5.9	7
26	A uniform oversampled filter bank approach to independent component analysis. , 2003, , .		0
27	Adaptive noise cancelling based on independent component analysis. Electronics Letters, 2002, 38, 832.	1.0	18
28	An Adaptive Learning Rate with Limited Error Signals for Training of Multilayer Perceptrons. ETRI Journal, 2000, 22, 10-18.	2.0	3
29	A new error function at hidden layers for past training of multilayer perceptrons. IEEE Transactions on Neural Networks, 1999, 10, 960-964.	4.2	16
30	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
31	Improving the error backpropagation algorithm with a modified error function. IEEE Transactions on Neural Networks, 1997, 8, 799-803.	4.2	75
32	A Modified Error Function to Improve the Error Back-Propagation Algorithm for Multi-Layer Perceptrons. ETRI Journal, 1995, 17, 11-22.	2.0	14
33	Sensitivity analysis of single hidden-layer neural networks with threshold functions. IEEE Transactions on Neural Networks, 1995, 6, 1005-1007.	4.2	36
34	Input Noise Immunity of Multilayer Perceptrons. ETRI Journal, 1994, 16, 35-43.	2.0	11
35	Effect of nonlinear transformations on correlation between weighted sums in multilayer perceptrons. IEEE Transactions on Neural Networks, 1994, 5, 508-510.	4.2	17
36	An analysis of premature saturation in back propagation learning. Neural Networks, 1993, 6, 719-728.	5.9	109

#	ARTICLE	IF	CITATIONS
37	Associative-memory model based on neural networks: modification of Hopfield model. Optics Letters, 1988, 13, 74.	3.3	16
38	An empirical comparison of simulated annealing and genetic algorithms on NK fitness landscapes. , 0, , .		2
39	Generalization of the cross-entropy error function to improve the error backpropagation algorithm. , 0, , .		1
40	Adaptive learning rate and limited error signal for multilayer perceptrons with n-th order cross-entropy error. , 0, , .		0
41	Optimal learning rates for each pattern and neuron in gradient descent training of multilayer perceptrons. , 0, , .		2
42	A uniform oversampled filter bank approach to independent component analysis. , 0, , .		1