Sergio Bermejo Sanchez

List of Publications by Year
in descending order

24 papers	302 citations	1163117 8 h-index	940533 16 g-index
26 all docs	26 docs citations	26 times ranked	302 citing authors

#	Article	IF	Citations
1	Ensembles of wrappers for automated feature selection in fish age classification. Computers and Electronics in Agriculture, 2017, 134, 27-32.	7.7	11
2	A post-non-linear source separation algorithm for bounded magnitude sources and its application to ISFETs. Neurocomputing, 2015, 148, 477-486.	5.9	4
3	The benefits of using otolith weight in statistical fish age classification: A case study of Atlantic cod species. Computers and Electronics in Agriculture, 2014, 107, 1-7.	7.7	11
4	Fish age categorization from otolith images using multi-class support vector machines. Fisheries Research, 2007, 84, 247-253.	1.7	29
5	Fish age classification based on length, weight, sex and otolith morphological features. Fisheries Research, 2007, 84, 270-274.	1.7	29
6	Finite sample effects of the fast ICA algorithm. Neurocomputing, 2007, 71, 392-399.	5.9	7
7	Fish age analysis and classification with kernel methods. Pattern Recognition Letters, 2007, 28, 1164-1171.	4.2	3
8	ISFET source separation: Foundations and techniques. Sensors and Actuators B: Chemical, 2006, 113, 222-233.	7.8	23
9	Independent Component Analysis for Solid-State Chemical Sensor Arrays. Applied Intelligence, 2006, 24, 61-73.	5.3	4
10	The regularized LVQ1 algorithm. Neurocomputing, 2006, 70, 475-488.	5.9	2
11	Local Averaging of Ensembles of LVQ-Based Nearest Neighbor Classifiers. Applied Intelligence, 2004, 20, 47-58.	5.3	5
12	Ensemble Learning for Chemical Sensor Arrays. Neural Processing Letters, 2004, 19, 25-35.	3.2	8
13	Hybrid neural networks for ISFET source separation. , 2003, , .		2
14	Web Meta-search using Unsupervised Neural Networks. Lecture Notes in Computer Science, 2003, , 711-718.	1.3	5
15	Virtual Labs for Neural Networks E-courses. Lecture Notes in Computer Science, 2003, , 719-725.	1.3	0
16	ISFET Source Separation based on linear ICA. Lecture Notes in Computer Science, 2003, , 297-304.	1.3	3
17	The effect of finite sample size on on-line K-means. Neurocomputing, 2002, 48, 511-539.	5.9	9
18	Large Margin Nearest Neighbor Classifiers. Lecture Notes in Computer Science, 2001, , 669-676.	1.3	3

#	Article	IF	Citations
19	Finite-Sample Convergence Properties of the LVQ1 Algorithm and the Batch LVQ1 Algorithm. , 2001, 13, 135-157.		7
20	Learning with Nearest Neighbour Classifiers. , 2001, 13, 159-181.		6
21	Oriented principal component analysis for large margin classifiers. Neural Networks, 2001, 14, 1447-1461.	5.9	58
22	Adaptive soft k-nearest-neighbour classifiers. Pattern Recognition, 2000, 33, 1999-2005.	8.1	53
23	A Batch Learning Vector Quantization Algorithm for Nearest Neighbour Classification. , 2000, 11, 173-184.		12
24	Adaptive soft k-nearest-neighbor classifiers. Pattern Recognition, 1999, 32, 2077-2079.	8.1	8