Santanu Ghorai

List of Publications by Year
in descending order

24 papers	588 citations	1039406 9 h-index	1372195 10 g-index
24 all docs	24 docs citations	24 times ranked	561 citing authors

#	Article	IF	Citations
1	Automatic Defect Detection on Hot-Rolled Flat Steel Products. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 612-621.	2.4	226
2	Nonparallel plane proximal classifier. Signal Processing, 2009, 89, 510-522.	2.1	110
3	Cancer Classification from Gene Expression Data by NPPC Ensemble. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2011, 8, 659-671.	1.9	72
4	Newton's method for nonparallel plane proximal classifier with unity norm hyperplanes. Signal Processing, 2010, 90, 93-104.	2.1	28
5	Discriminant Analysis for Fast Multiclass Data Classification Through Regularized Kernel Function Approximation. IEEE Transactions on Neural Networks, 2010, 21, 1020-1029.	4.8	27
6	A Novel Technique of Black Tea Quality Prediction Using Electronic Tongue Signals. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 2472-2479.	2.4	24
7	Tea Quality Prediction by Autoregressive Modeling of Electronic Tongue Signals. IEEE Sensors Journal, 2016, 16, 4470-4477.	2.4	19
8	Feature Fusion for Prediction of Theaflavin and Thearubigin in Tea Using Electronic Tongue. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1703-1710.	2.4	16
9	Multicategory cancer classification from gene expression data by multiclass NPPC ensemble. , 2010, , .		13
10	Multi-class support vector machine for quality estimation of black tea using electronic nose. , 2012, , .		11
11	Tea Quality Prediction by Sparse Modeling of Electronic Tongue Signals. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3046-3053.	2.4	9
12	Optimization of sensor array in electronic nose by combinational feature selection method. , 2012, , .		8
13	Unity norm twin support vector machine classifier. , 2010, , .		6
14	Gene Expression Data Classification by VVRKFA. Procedia Technology, 2012, 4, 330-335.	1.1	6
15	Epithelial mesenchymal transition in lung cancer cells: A quantitative analysis. , 2015, 2015, 5372-5.		5
16	Sliding Window-based DCT Features for Tea Quality Prediction Using Electronic Tongue. , 2015, , .		3
17	Fast regularized kernel function approximation. , 2008, , .		2
18	Wavelet versus contourlet features for automatic defect detection on hot rolled steel sheet. , 2012, , .		1

#	Article	IF	Citations
19	Effect of feature fusion for discrimination of cardiac pathology. , 2015, , .		1
20	Kernel-based feature extraction for patient-adaptive ECG beat classification. , 2016, , .		1
21	GA-based optimal feature weight and parameter selection of NPPC for tea quality estimation. , 2014, , .		0
22	A multi-fold string kernel for sequence classification. , 2015, 2015, 6469-72.		0
23	SVD based tea quality prediction using electronic tongue signal. , 2016, , .		0
24	Electronic Tongue for Tea Quality Assessment. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2020, , 108-128.	0.5	0