Palanivel S

List of Publications by Year in descending order

49 papers	1,029 citations	567281 15 h-index	454955 30 g-index
52 all docs	52 docs citations	52 times ranked	821 citing authors

#	Article	IF	Citations
1	Classification of audio signals using SVM and RBFNN. Expert Systems With Applications, 2009, 36, 6069-6075.	7.6	131
2	Breast mass classification based on cytological patterns using RBFNN and SVM. Expert Systems With Applications, 2009, 36, 5284-5290.	7.6	104
3	Automated assessment of breast tissue density in digital mammograms. Computer Vision and Image Understanding, 2010, 114, 33-43.	4.7	98
4	Classification of audio signals using AANN and GMM. Applied Soft Computing Journal, 2011, 11, 716-723.	7.2	65
5	A hierarchical language identification system for Indian languages. , 2012, 22, 544-553.		59
6	Automatic classification of Tamil documents using vector space model and artificial neural network. Expert Systems With Applications, 2009, 36, 10914-10918.	7.6	58
7	Facial expression recognition â€" A real time approach. Expert Systems With Applications, 2009, 36, 303-308.	7.6	47
8	Real time face and mouth recognition using radial basis function neural networks. Expert Systems With Applications, 2009, 36, 6879-6888.	7.6	47
9	Lip reading of hearing impaired persons using HMM. Expert Systems With Applications, 2011, 38, 4477-4481.	7.6	42
10	Music emotion recognition: The combined evidence of MFCC and residual phase. Egyptian Informatics Journal, 2016, 17, 1-10.	6.8	37
11	Measuring advertisement effectivenessâ€"a neural network approach. Expert Systems With Applications, 2006, 31, 159-163.	7.6	34
12	Unsupervised speaker segmentation with residual phase and MFCC features. Expert Systems With Applications, 2009, 36, 9799-9804.	7.6	32
13	Multimodal person authentication using speech, face and visual speech. Computer Vision and Image Understanding, 2008, 109, 44-55.	4.7	26
14	Multimodel decision support system for psychiatry problem. Expert Systems With Applications, 2011, 38, 4990-4997.	7.6	24
15	Grain size measurement in optical microstructure using support vector regression. Optik, 2017, 138, 320-327.	2.9	23
16	HMM Based Automatic Video Classification Using Static and Dynamic Features. , 2007, , .		21
17	Speaker diarization using autoassociative neural networks. Engineering Applications of Artificial Intelligence, 2009, 22, 667-675.	8.1	18
18	Performance Analysis of Feature Extraction Schemes for Artificial Neural Network Based ECG Classification. , 2007, , .		17

#	Article	IF	Citations
19	Pattern classification models for classifying and indexing audio signals. Engineering Applications of Artificial Intelligence, 2011, 24, 350-357.	8.1	15
20	A novel block intensity comparison code for video classification and retrieval. Expert Systems With Applications, 2009, 36, 6415-6420.	7.6	14
21	A Still-to-Video Face Verification System Using Advanced Correlation Filters. Lecture Notes in Computer Science, 2004, , 102-108.	1.3	10
22	Video Classification and Shot Detection for Video Retrieval Applications. International Journal of Computational Intelligence Systems, 2009, 2, 39-50.	2.7	10
23	Audio-video based segmentation and classification using SVM. , 2012, , .		9
24	Video Classification and Shot Detection for Video Retrieval Applications. International Journal of Computational Intelligence Systems, 2009, 2, 39.	2.7	9
25	Automatic classification of cast iron grades using support vector machine. Optik, 2018, 157, 724-732.	2.9	8
26	Machine Vision Based Missing Fastener Detection in Rail Track Images Using SVM Classifier. International Journal on Smart Sensing and Intelligent Systems, 2017, 10, 574-589.	0.7	8
27	Autoassociative Neural Network Models for Pattern Recognition Tasks in Speech and Image. Series in Machine Perception and Artificial Intelligence, 2002, , 283-305.	0.1	7
28	Speech enhancement using minimum mean square error filter and spectral subtraction filter. , 2014, , .		7
29	Emotion recognition using support vector machine and one-dimensional convolutional neural network. Multimedia Tools and Applications, 2021, 80, 27171-27185.	3.9	7
30	Real time face authentication system using autoassociative neural network models. , 2003, , .		6
31	Species classification of aquatic plants using GRNN and BPNN. AI and Society, 2014, 29, 45-52.	4.6	6
32	An Efficient Framework to Detect Cracks in Rail Tracks Using Neural Network Classifier. Computacion Y Sistemas, 2018, 22, .	0.3	4
33	Species classification of aquatic plants using PSVM and ANFIS. Pattern Recognition and Image Analysis, 2013, 23, 278-286.	1.0	3
34	Performance of speaker localization using microphone array. International Journal of Speech Technology, 2016, 19, 467-483.	2.2	3
35	Real time face recognition system using autoassociative neural network models. , 0, , .		2
36	Fovea intensity comparison code for person identification and verification. Engineering Applications of Artificial Intelligence, 2010, 23, 1277-1290.	8.1	2

#	Article	IF	Citations
37	Video-based person recognition using fovea intensity comparison code. Behaviour and Information Technology, 2011, 30, 747-760.	4.0	2
38	A GMM-BASED HIERARCHICAL AUTOMATIC LANGUAGE IDENTIFICATION SYSTEM FOR INDIAN LANGUAGES. Applied Artificial Intelligence, 2012, 26, 554-570.	3.2	2
39	AANN-Based Online Handwritten Tamil Character Recognition. Lecture Notes in Electrical Engineering, 2013, , 35-42.	0.4	2
40	NVIBRS - News video indexing, browsing and retrieval system. , 0, , .		1
41	Combining Audio-Video Based Segmentation and Classification Using SVM. International Journal of Systems Signal Control and Engineering Application, 2011, 4, 69-73.	0.1	1
42	Speech Enhancement in Wavelet Domain using Principle Component Analysis and Enhancement Filters. International Journal of Computer Applications, 2013, 70, 24-28.	0.2	1
43	<title>An optimal tradeoff synthetic discriminant function filter-based still-to-video face verification system</title>. , 2004, , .		0
44	Spoken query based word spotting in digitized Tamil documents. AI and Society, 2014, 29, 113-121.	4.6	0
45	Detection of dental abnormalities using SVM and PSVM. AI and Society, 2014, 29, 69-74.	4.6	0
46	Three-stage hybrid system for speech signal enhancement. International Journal of Signal and Imaging Systems Engineering, 2015, 8, 123.	0.6	0
47	Indexingand retrieval of speechusing Power Normalised Cepstral Coefficients and Sub Band Coding. , 2015, , .		0
48	Automatic Segmentation and Classification of Audio Broadcast Data. Asian Journal of Information Technology, 2010, 9, 54-61.	0.0	0
49	Audio_Video Based Segmentation and Classification Using SVM. Asian Journal of Information Technology, 2012, 11, 30-35.	0.0	0