Vaishali H Kulkarni

List of Publications by Year
in descending order

		1478505	1372567
35 papers	**205** citations	**6** h-index	**10** g-index
38 all docs	**38** docs citations	**38** times ranked	**125** citing authors

#	Article	IF	Citations
1	Indian sign language translator using gesture recognition algorithm. , 2015, , .		44
2	Algorithmic analysis for dental caries detection using an adaptive neural network architecture. Heliyon, 2019, 5, e01579.	3.2	34
3	Enhancement in speaker recognition for optimized speech features using GMM, SVM and 1-D CNN. International Journal of Speech Technology, 2021, 24, 809-822.	2.2	18
4	Indian Sign Language Recognition: Database creation, Hand tracking and Segmentation. , 2014, , .		11
5	Performance Comparison of Speaker Recognition using Vector Quantization by LBG and KFCG. International Journal of Computer Applications, 2010, 3, 32-37.	0.2	11
6	Speaker Identification using Spectrograms of Varying Frame Sizes. International Journal of Computer Applications, 2012, 50, 27-33.	0.2	10
7	Intelligent system with dragonfly optimisation for caries detection. IET Image Processing, 2019, 13, 429-439.	2.5	8
8	Artificial Neural Network based Indian Sign Language Recognition using hand crafted features. , 2020, , .		7
9	Off-line signature recognition using morphological pixel variance analysis. , 2010, , .		6
10	Caries detection using multidimensional projection and neural network. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2018, 22, 155-166.	1.0	6
11	Credit Card Fraud Detection using Deep Learning. , 2019, , .		6
12	Closed set and open set Speaker Identification using amplitude distribution of different Transforms. , 2013, , .		5
13	Comparative Analysis of Automatic Speaker Recognition using Kekre's Fast Codebook Generation Algorithm in Time and Transform Domain. International Journal of Computer Applications, 2010, 7, 37-41.	0.2	5
14	Lip Tracking Using Deformable Models and Geometric Approaches. Smart Innovation, Systems and Technologies, 2019, , 655-663.	0.6	5
15	Real time analysis of EEG signals on Android application. , 2014, , .		4
16	Simulation & development of high power class-D, 2 MHz, 4 kW RF source for RF based Hˉion source. , 2016, , .		3
17	Performance Evaluation of Text Independent Automatic Speaker Recognition using VQ and GMM. , 2016, , .		3
18	Enhancing cyber physical system security via anomaly detection using behaviour analysis. , 2017, , .		3

#	Article	IF	Citations
19	A comparison of performance evaluation of ASR for noisy and enhanced signal using GMM. , 2016, , .		2
20	Caries Detection with the Aid of Multilinear Principal Component Analysis and Neural Network. , 2018, , .		2
21	Synergy in Voice and Lip Movement for Automatic Person Recognition. IEIE Transactions on Smart Processing and Computing, 2019, 8, 279-289.	0.4	2
22	Speaker Identification using Row Mean of Haar and Kekre's Transform on Spectrograms of Different Frame Sizes. International Journal of Advanced Computer Science and Applications, 2011, 1, .	0.7	2
23	Speaker Identification using Frequency Dsitribution in the Transform Domain. International Journal of Advanced Computer Science and Applications, 2012, 3, .	0.7	2
24	Simulink-Based Estimation of Spectrum Sensing in Cognitive Radio. Lecture Notes in Networks and Systems, 2018, , 387-398.	0.7	2
25	Classification and determination of physical intrusion using Wireless Sensor Networks. , 2015, , .		1
26	Implementation of Interpolation in Credit Card Fraud Detection. Advances in Intelligent Systems and Computing, 2020, , 125-136.	0.6	1
27	Simulation and Analysis of IEEE 802.22 Cognitive Radio Network. , 2020, , .		1
28	Digital signal transmission using a multilevel RZ coding technique. , 2011, , .		0
29	Automatic speaker recognition using circular DFT sectors. , 2011, , .		0
30	Speaker identification using feature vector reduction of row mean of different transforms. , 2012, , .		0
31	Configurable Analytics Framework for Management of Enterprise IT Systems. , 2014, , .		0
32	Simulation & design of maximum current point tracking controller for 2 MHz RF H$^{\sim}$ source. , 2016, , .		0
33	Enhancing control system security of power grid using anomaly detection and behaviour analysis. , 2017, , .		0
34	Analysis of energy detector with improved ED and variable threshold ED suitable for digital TV IEEE 802.22 WRAN. Journal of Physics: Conference Series, 2020, 1706, 012061.	0.4	0
35	Cooperative Spectrum Sensing under SISO and MIMO Environment for Cognitive Radio Networks. International Journal of Sensors, Wireless Communications and Control, 2022, 12, 302-311.	0.7	0