

Rinki Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

233
citations

1478505

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1720034

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41
all docs

41
docs citations

41
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous sign language recognition from wearable IMUs using deep capsule networks and game theory. Computers and Electrical Engineering, 2019, 78, 493-503.	4.8	34
2	Indian sign language recognition using wearable sensors and multi-label classification. Computers and Electrical Engineering, 2021, 90, 106898.	4.8	24
3	Comparative Analysis of Convolution Neural Network Models for Continuous Indian Sign Language Classification. Procedia Computer Science, 2020, 171, 1542-1550.	2.0	16
4	Convolutional Neural Network Array for Sign Language Recognition Using Wearable IMUs. , 2019, , .		15
5	Trbagboost: an ensemble-based transfer learning method applied to Indian Sign Language recognition. Journal of Ambient Intelligence and Humanized Computing, 2020, , 1.	4.9	15
6	Continuous sign language recognition using isolated signs data and deep transfer learning. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 1531-1542.	4.9	14
7	On the Use of Temporal and Spectral Central Moments of Forearm Surface EMG for Finger Gesture Classification. , 2018, , .		11
8	Estimation of instantaneous frequencies using iterative empirical mode decomposition. Signal, Image and Video Processing, 2014, 8, 799-812.	2.7	10
9	A Wearable Multisensor Posture Detection System. , 2020, , .		10
10	Posture detection using Deep Learning for Time Series Data. , 2020, , .		9
11	Classification of Hand Gestures from Wearable IMUs using Deep Neural Network. , 2018, , .		7
12	Bearings-only tracking of non-maneuvering target with missing bearings data. , 2015, , .		6
13	Transfer Learning for sEMG-based Hand Gesture Classification using Deep Learning in a Master-Slave Architecture. , 2018, , .		6
14	A Quantitative Performance Assessment of surface EMG and Accelerometer in Sign Language Recognition. , 2019, , .		6
15	Analysis of dual-channel surface electromyogram using second-order and higher-order spectral features. , 2016, , .		5
16	On the Use of Multi-Modal Sensing in Sign Language Classification. , 2019, , .		5
17	Channel selection in multi-channel surface electromyogram based hand activity classifier. , 2018, , .		4
18	Computer Based Diagnosis of Malaria in Thin Blood Smears Using Thresholding Based Approach. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
19	On the combined use of Electromyogram and Accelerometer in Lower Limb Motion Recognition. , 2018, , .		3
20	Centralized Kalman Filter for Fusion of Multiple On-Board Auxiliary Sensors with INS for Underwater Navigation. , 2019, , .		3
21	Performance enhancement of GMSK and LDPC based VLF communication in atmospheric radio noise. , 2013, , .		2
22	Analysis of surface electromyogram signals using integrated bispectrum. , 2016, , .		2
23	Appropriate AR modeling for surface electromyogram signals and its application in hand activity classification. , 2017, , .		2
24	On the Selection of Number of Sensors for a Wearable Sign Language Recognition System. , 2019, , .		2
25	Real-Time Continuous Sign Language Classification using Ensemble of Windows. , 2020, , .		2
26	Multi-stage Indian sign language classification with Sensor Modality Assessment. , 2021, , .		2
27	Time-CNN and Stacked LSTM for Posture Classification. , 2021, , .		2
28	Stacking Ensemble of Convolutional Neural Networks for Sign Language Recognition. , 2022, , .		2
29	Cross-range imaging of a cooperative source using passive inverse synthetic aperture technique. , 2013, , .		1
30	Motion parameter estimation of a radiating point source with multiple tonals using acoustic Doppler analysis. , 2013, , .		1
31	Hand activity detection from electromyogram using instantaneous frequency. , 2017, , .		1
32	Activity Detection from Wearable Electromyogram Sensors using Hidden Markov Model. , 2018, , .		1
33	Dual Stage Classification of Hand Gestures using Surface Electromyogram. , 2018, , .		1
34	Effect of Number of Features on sEMG Multi-sensor Combinations for Hand Gesture Recognition. , 2019, , .		1
35	Multi-Layer Heterogeneous Ensemble Model for Human Activity Recognition. , 2021, , .		1
36	Multi-Input CNN-LSTM for End-to-End Indian Sign Language Recognition. Advances in Computational Intelligence and Robotics Book Series, 2022, , 156-174.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Transfer-Learning Based User-Personalization of Indian Sign Language Recognition System. , 2022, , .		1
38	Enhancement of inverse synthetic aperture radar image using convolved high-order instantaneous moment. , 2016, , .		0
39	Instantaneous Frequency Selective Filtering Using Ensemble Empirical Mode Decomposition. IETE Journal of Research, 2020, , 1-13.	2.6	0
40	Isolation of Prostate Gland in T1-Weighted Magnetic Resonance Images using Computer Vision. , 2020, , .		0