

Adil Mehmood Khan

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,598
citations

394421

19
h-index

580821

25
g-index

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all docs

34
docs citations

34
times ranked

1530
citing authors

#	ARTICLE	IF	CITATIONS
1	A Triaxial Accelerometer-Based Physical-Activity Recognition via Augmented-Signal Features and a Hierarchical Recognizer. IEEE Transactions on Information Technology in Biomedicine, 2010, 14, 1166-1172.	3.2	419
2	Human Facial Expression Recognition Using Stepwise Linear Discriminant Analysis and Hidden Conditional Random Fields. IEEE Transactions on Image Processing, 2015, 24, 1386-1398.	9.8	154
3	Hyperspectral Image Classification—Traditional to Deep Models: A Survey for Future Prospects. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 968-999.	4.9	123
4	Activity Recognition on Smartphones via Sensor-Fusion and KDA-Based SVMs. International Journal of Distributed Sensor Networks, 2014, 10, 503291.	2.2	107
5	A Fast and Compact 3-D CNN for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	104
6	Exploratory Data Analysis of Acceleration Signals to Select Light-Weight and Accurate Features for Real-Time Activity Recognition on Smartphones. Sensors, 2013, 13, 13099-13122.	3.8	91
7	Accelerometer's position independent physical activity recognition system for long-term activity monitoring in the elderly. Medical and Biological Engineering and Computing, 2010, 48, 1271-1279.	2.8	78
8	A single tri-axial accelerometer-based real-time personal life log system capable of human activity recognition and exercise information generation. Personal and Ubiquitous Computing, 2011, 15, 887-898.	2.8	78
9	Spatial Prior Fuzziness Pool-Based Interactive Classification of Hyperspectral Images. Remote Sensing, 2019, 11, 1136.	4.0	56
10	Facial expression recognition using active contour-based face detection, facial movement-based feature extraction, and non-linear feature selection. Multimedia Systems, 2015, 21, 541-555.	4.7	42
11	Hierarchical Recognition Scheme for Human Facial Expression Recognition Systems. Sensors, 2013, 13, 16682-16713.	3.8	33
12	Depth Camera-Based Facial Expression Recognition System Using Multilayer Scheme. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2014, 31, 277-286.	3.2	31
13	Fuzziness-based active learning framework to enhance hyperspectral image classification performance for discriminative and generative classifiers. PLoS ONE, 2018, 13, e0188996.	2.5	28
14	Segmented and non-segmented stacked denoising autoencoder for hyperspectral band reduction. Optik, 2019, 180, 370-378.	2.9	27
15	Graph-based spatial-spectral feature learning for hyperspectral image classification. IET Image Processing, 2017, 11, 1310-1316.	2.5	26
16	User-Independent Activity Recognition via Three-Stage GA-Based Feature Selection. International Journal of Distributed Sensor Networks, 2014, 10, 706287.	2.2	25
17	Artifacts of different dimension reduction methods on hybrid CNN feature hierarchy for Hyperspectral Image Classification. Optik, 2021, 246, 167757.	2.9	23
18	Context Representation and Fusion: Advancements and Opportunities. Sensors, 2014, 14, 9628-9668.	3.8	22

#	ARTICLE	IF	CITATIONS
19	Human facial expression recognition using curvelet feature extraction and normalized mutual information feature selection. Multimedia Tools and Applications, 2016, 75, 935-959.	3.9	20
20	Metric similarity regularizer to enhance pixel similarity performance for hyperspectral unmixing. Optik, 2017, 140, 86-95.	2.9	19
21	Multiclass Non-Randomized Spectral Spatial Active Learning for Hyperspectral Image Classification. Applied Sciences (Switzerland), 2020, 10, 4739.	2.5	18
22	Gait fingerprinting-based user identification on smartphones. , 2016, , .		17
23	A Novel Maximum Entropy Markov Model for Human Facial Expression Recognition. PLoS ONE, 2016, 11, e0162702.	2.5	12
24	Hybrid Dense Network With Attention Mechanism for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3948-3957.	4.9	12
25	Unsupervised geometrical feature learning from hyperspectral data. , 2016, , .		7
26	Need for a context-aware personalized health intervention system to ensure long-term behavior change to prevent obesity. , 2013, , .		6
27	Smartphone gait fingerprinting models via genetic programming. , 2016, , .		5
28	Extended sammon projection and wavelet kernel extreme learning machine for gait-based legitimate user identification. , 2019, , .		5
29	Promoting a healthier life-style using activity-aware smart phones. , 2012, , .		4
30	Evaluating real-life performance of the state-of-the-art in facial expression recognition using a novel YouTube-based datasets. Multimedia Tools and Applications, 2018, 77, 917-937.	3.9	4
31	Prospects Identification Scheme for Supermarkets by Classification of Customer Behavior Using Time Based Analysis of Transactional Data. International Conference on Advanced Communication Technology, 2007, , .	0.0	2
32	User and Task Identification of Smartwatch Data with an Ensemble of Nonlinear Symbolic Models. , 2019, , .		0