

# Naimul Khan

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

665  
citations

840776

11  
h-index

888059

17  
g-index

35  
all docs

35  
docs citations

35  
times ranked

518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehending the impact of deep learning algorithms on optimizing for recurring impediments associated with stress prediction using ECG data through statistical analysis. Biomedical Signal Processing and Control, 2022, 74, 103484.	5.7	3
2	Efficient and Scalable Object Localization in 3D on Mobile Device. Journal of Imaging, 2022, 8, 188.	3.0	3
3	A Multi-Stream Graph Convolutional Networks-Hidden Conditional Random Field Model for Skeleton-Based Action Recognition. IEEE Transactions on Multimedia, 2021, 23, 64-76.	7.2	40
4	CNN-Based Multistage Gated Average Fusion (MGAF) for Human Action Recognition Using Depth and Inertial Sensors. IEEE Sensors Journal, 2021, 21, 3623-3634.	4.7	21
5	Trends in Heart-Rate Variability Signal Analysis. Frontiers in Digital Health, 2021, 3, 639444.	2.8	61
6	Targeted Self Supervision For Classification On A Small Covid-19 Ct Scan Dataset. , 2021, , .		14
7	Inertial Sensor Data to Image Encoding for Human Action Recognition. IEEE Sensors Journal, 2021, 21, 10978-10988.	4.7	22
8	Deterministic Local Interpretable Model-Agnostic Explanations for Stable Explainability. Machine Learning and Knowledge Extraction, 2021, 3, 525-541.	5.0	72
9	Integrating vertex and edge features with Graph Convolutional Networks for skeleton-based action recognition. Neurocomputing, 2021, 466, 190-201.	5.9	10
10	ECG Heartbeat Classification Using Multimodal Fusion. IEEE Access, 2021, 9, 100615-100626.	4.2	49
11	Online Unsupervised Learning For Domain Shift In Covid-19 CT Scan Datasets. , 2021, , .		5
12	Human Action Recognition Using Deep Multilevel Multimodal ( $M^2$ ) Fusion of Depth and Inertial Sensors. IEEE Sensors Journal, 2020, 20, 1445-1455.	4.7	37
13	Multi-level Stress Assessment Using Multi-domain Fusion of ECG Signal. , 2020, 2020, 4518-4521.		16
14	Deep clustering with a Dynamic Autoencoder: From reconstruction towards centroids construction. Neural Networks, 2020, 130, 206-228.	5.9	38
15	Locality Guided Neural Networks for Explainable Artificial Intelligence. , 2020, , .		4
16	Facial Expression Recognition Under Partial Occlusion from Virtual Reality Headsets based on Transfer Learning. , 2020, , .		15
17	Human Action Recognition Using Convolutional Neural Network and Depth Sensor Data. , 2019, , .		15
18	Transfer Learning With Intelligent Training Data Selection for Prediction of Alzheimer's Disease. IEEE Access, 2019, 7, 72726-72735.	4.2	102

#	ARTICLE	IF	CITATIONS
19	Multidomain Multimodal Fusion for Human Action Recognition Using Inertial Sensors. , 2019, , .		14
20	Brain MRI Segmentation using efficient 3D Fully Convolutional Neural Networks. , 2018, , .		0
21	Towards Improved Human Action Recognition Using Convolutional Neural Networks and Multimodal Fusion of Depth and Inertial Sensor Data. , 2018, , .		15
22	Deep Reinforcement Learning with Parameterized Action Space for Object Detection. , 2018, , .		13
23	Real-Time System for Human Activity Analysis. , 2017, , .		0
24	Towards a shared large-area mixed reality system. , 2016, , .		2
25	A Machine Intelligence Approach to Virtual Ballet Training. IEEE MultiMedia, 2015, 22, 80-92.	1.7	23
26	On video based face recognition through adaptive sparse dictionary. , 2015, , .		5
27	Intuitive volume exploration through spherical self-organizing map and color harmonization. Neurocomputing, 2015, 147, 160-173.	5.9	5
28	Volume visualization using sparse nonparametric support vector machines and harmonic colors. , 2014, , .		0
29	Covariance-guided One-Class Support Vector Machine. Pattern Recognition, 2014, 47, 2165-2177.	8.1	37
30	SN-SVM: a sparse nonparametric support vector machine classifier. Signal, Image and Video Processing, 2014, 8, 1625-1637.	2.7	10
31	ImmerVol: An immersive volume visualization system. , 2014, , .		0
32	A Visual Evaluation Framework for In-Home Physical Rehabilitation. , 2014, , .		12
33	Incorporating covariance information in one class support vector classification. , 2013, , .		0
34	An efficient signature representation for retrieval of spatially similar images. Signal, Image and Video Processing, 2012, 6, 55-70.	2.7	1
35	A novel Accelerated Greedy Snake Algorithm for active contours. , 2011, , .		1