

# Muhammad Ahmad

## List of Publications by Year in descending order

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61  
papers

1,184  
citations

394421

19  
h-index

434195

31  
g-index

61  
all docs

61  
docs citations

61  
times ranked

709  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Hybrid Deep Model for Brain Tumor Classification. Lecture Notes in Electrical Engineering, 2022, , 282-291.	0.4	1
2	A Fast and Compact 3-D CNN for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	104
3	Intrusion Detection Framework for the Internet of Things Using a Dense Random Neural Network. IEEE Transactions on Industrial Informatics, 2022, 18, 6435-6444.	11.3	33
4	Hyperspectral Image Classificationâ€™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
5	Crossâ€™modal retrieval based on deep regularized hashing constraints. International Journal of Intelligent Systems, 2022, 37, 6508-6530.	5.7	6
6	Effects of haze and dehazing on deep learning-based vision models. Applied Intelligence, 2022, 52, 16334-16352.	5.3	7
7	Attention Autoencoder for Generative Latent Representational Learning in Anomaly Detection. Sensors, 2022, 22, 123.	3.8	10
8	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
9	Hyperspectral and LiDAR Data Classification Using Joint CNNs and Morphological Feature Learning. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	19
10	Combining Latent Factor Model for Dynamic Recommendations in Community Question Answering Forums. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.7	1
11	The Rise of Cloud Computing: Data Protection, Privacy, and Open Research Challengesâ€™A Systematic Literature Review (SLR). Computational Intelligence and Neuroscience, 2022, 2022, 1-26.	1.7	22
12	Real-time image dehazing by superpixels segmentation and guidance filter. Journal of Real-Time Image Processing, 2021, 18, 1555-1575.	3.5	23
13	Learning-detailed 3D face reconstruction based on convolutional neural networks from a single image. Neural Computing and Applications, 2021, 33, 5951-5964.	5.6	7
14	Classification Approach for COVID-19 Gene Based on Harris Hawks Optimization. Studies in Systems, Decision and Control, 2021, , 575-594.	1.0	4
15	Ground truth labeling and samples selection for Hyperspectral Image Classification. Optik, 2021, 230, 166267.	2.9	18
16	Hyperspectral Imaging for Bloodstain Identification. Sensors, 2021, 21, 3045.	3.8	25
17	Hyperspectral imaging-based unsupervised adulterated red chili content transformation for classification: Identification of red chili adulterants. Neural Computing and Applications, 2021, 33, 14507-14521.	5.6	20
18	Regularized CNN Feature Hierarchy for Hyperspectral Image Classification. Remote Sensing, 2021, 13, 2275.	4.0	16

#	ARTICLE	IF	CITATIONS
19	Classification of Apple Disease Based on Non-Linear Deep Features. Applied Sciences (Switzerland), 2021, 11, 6422.	2.5	23
20	Artifacts of different dimension reduction methods on hybrid CNN feature hierarchy for Hyperspectral Image Classification. Optik, 2021, 246, 167757.	2.9	23
21	Detection of Small Size Traffic Signs Using Regressive Anchor Box Selection and DBL Layer Tweaking in YOLOv3. Applied Sciences (Switzerland), 2021, 11, 11555.	2.5	1
22	Seeking Optimum System Settings for Physical Activity Recognition on Smartwatches. Advances in Intelligent Systems and Computing, 2020, , 220-233.	0.6	3
23	Accident Recognition via 3D CNNs for Automated Traffic Monitoring in Smart Cities. Advances in Intelligent Systems and Computing, 2020, , 256-264.	0.6	13
24	A PLS-SEM Neural Network Approach for Understanding Cryptocurrency Adoption. IEEE Access, 2020, 8, 13138-13150.	4.2	70
25	Hyperspectral Imaging for Minced Meat Classification Using Nonlinear Deep Features. Applied Sciences (Switzerland), 2020, 10, 7783.	2.5	18
26	Spatiotemporal Analysis of Web News Archives for Crime Prediction. Applied Sciences (Switzerland), 2020, 10, 8220.	2.5	17
27	Multiclass Non-Randomized Spectral Spatial Active Learning for Hyperspectral Image Classification. Applied Sciences (Switzerland), 2020, 10, 4739.	2.5	18
28	Myoglobin-Based Classification of Minced Meat Using Hyperspectral Imaging. Applied Sciences (Switzerland), 2020, 10, 6862.	2.5	14
29	Prediction of Microbial Spoilage and Shelf-Life of Bakery Products Through Hyperspectral Imaging. IEEE Access, 2020, 8, 176986-176996.	4.2	19
30	Hyperspectral Imaging for Color Adulteration Detection in Red Chili. Applied Sciences (Switzerland), 2020, 10, 5955.	2.5	16
31	A Novel Stacked CNN for Malarial Parasite Detection in Thin Blood Smear Images. IEEE Access, 2020, 8, 93782-93792.	4.2	59
32	Modeling the Impact of Modified Inertia Coefficient (H) due to ESS in Power System Frequency Response Analysis. Energies, 2020, 13, 902.	3.1	5
33	C-POS: A Context-Aware Adaptive Part-of-Speech Language Learning Framework. IEEE Access, 2020, 8, 30720-30733.	4.2	8
34	Classification of Shopify App User Reviews Using Novel Multi Text Features. IEEE Access, 2020, 8, 30234-30244.	4.2	47
35	Spatial-prior generalized fuzziness extreme learning machine autoencoder-based active learning for hyperspectral image classification. Optik, 2020, 206, 163712.	2.9	32
36	Duplicate Questions Pair Detection Using Siamese MaLSTM. IEEE Access, 2020, 8, 21932-21942.	4.2	38

#	ARTICLE	IF	CITATIONS
37	Anomaly Detection in DevOps Toolchain. Lecture Notes in Computer Science, 2020, , 37-51.	1.3	6
38	A Hybrid Unsupervised Approach for Retinal Vessel Segmentation. BioMed Research International, 2020, 2020, 1-20.	1.9	20
39	Synthesizing Data Using Variational Autoencoders for Handling Class Imbalanced Deep Learning. Communications in Computer and Information Science, 2020, , 270-281.	0.5	3
40	A Reference Architecture for Smart and Software-Defined Buildings. , 2019, , .		12
41	Spatial Prior Fuzziness Pool-Based Interactive Classification of Hyperspectral Images. Remote Sensing, 2019, 11, 1136.	4.0	56
42	Extended sammon projection and wavelet kernel extreme learning machine for gait-based legitimate user identification. , 2019, , .		5
43	Photographic painting style transfer using convolutional neural networks. Multimedia Tools and Applications, 2019, 78, 19565-19586.	3.9	1
44	User Acceptance of HUMP-Model: The Role of E-Mavenism and Polychronicity. IEEE Access, 2019, 7, 174972-174985.	4.2	2
45	Segmented and non-segmented stacked denoising autoencoder for hyperspectral band reduction. Optik, 2019, 180, 370-378.	2.9	27
46	Multi-layer Extreme Learning Machine-based Autoencoder for Hyperspectral Image Classification. , 2019, , .		15
47	Using deep features for video scene detection and annotation. Signal, Image and Video Processing, 2018, 12, 991-999.	2.7	33
48	Digital makeup from Internet images. Optik, 2018, 158, 590-601.	2.9	2
49	Smartwatch-Based Legitimate User Identification for Cloud-Based Secure Services. Mobile Information Systems, 2018, 2018, 1-14.	0.6	11
50	Analysis of Android Camera Spoofing Techniques. , 2018, , .		0
51	Fuzziness-based active learning framework to enhance hyperspectral image classification performance for discriminative and generative classifiers. PLoS ONE, 2018, 13, e0188996.	2.5	28
52	Metric similarity regularizer to enhance pixel similarity performance for hyperspectral unmixing. Optik, 2017, 140, 86-95.	2.9	19
53	Graph-based spatial-spectral feature learning for hyperspectral image classification. IET Image Processing, 2017, 11, 1310-1316.	2.5	26
54	Unsupervised geometrical feature learning from hyperspectral data. , 2016, , .		7

#	ARTICLE	IF	CITATIONS
55	Gait fingerprinting-based user identification on smartphones. , 2016, , .		17
56	Formal Verification of Steady-State Errors in Unity-Feedback Control Systems. Lecture Notes in Computer Science, 2014, , 1-15.	1.3	6
57	Formal Analysis of Steady State Errors in Feedback Control Systems Using HOL-Light. , 2013, , .		10
58	BLIND FEATURE SELECTION AND EXTRACTION IN A 3D IMAGE CUBE. Journal of Flow Visualization and Image Processing, 2012, 19, 97-111.	0.5	2
59	Progressive Differential Thresholding for Network Anomaly Detection. , 2011, , .		0
60	Hyperspectral Unmixing Using Statistics of Q Function. Advanced Materials Research, 0, 403-408, 59-63.	0.3	1
61	Hyperspectral Blind Unmixing and Multiple Target Detection Using Linear Mixture Model. Advanced Materials Research, 0, 488-489, 1224-1228.	0.3	0