

Hazrat Ali

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

790
citations

687363

13
h-index

580821

25
g-index

68
all docs

68
docs citations

68
times ranked

713
citing authors

#	ARTICLE	IF	CITATIONS
1	Combating COVID-19 Using Generative Adversarial Networks and Artificial Intelligence for Medical Images: Scoping Review. JMIR Medical Informatics, 2022, 10, e37365.	2.6	5
2	Improving Human Action Recognition Using Hierarchical Features And Multiple Classifier Ensembles. Computer Journal, 2021, 64, 1633-1655.	2.4	8
3	Gradient local auto-correlation features for depth human action recognition. SN Applied Sciences, 2021, 3, 1.	2.9	12
4	Coconut trees detection and segmentation in aerial imagery using mask region-based convolution neural network. IET Computer Vision, 2021, 15, 428-439.	2.0	20
5	Exploring 3D Human Action Recognition Using STACOG on Multi-View Depth Motion Maps Sequences. Sensors, 2021, 21, 3642.	3.8	8
6	Urdu text in natural scene images: a new dataset and preliminary text detection. PeerJ Computer Science, 2021, 7, e717.	4.5	1
7	A Deep Learning Based Approach for Localization and Recognition of Pakistani Vehicle License Plates. Sensors, 2021, 21, 7696.	3.8	6
8	Speech Signal Recovery Using Block Sparse Bayesian Learning. Arabian Journal for Science and Engineering, 2020, 45, 1567-1579.	3.0	11
9	Pioneer dataset and automatic recognition of Urdu handwritten characters using a deep autoencoder and convolutional neural network. SN Applied Sciences, 2020, 2, 1.	2.9	23
10	A Deep Learning Pipeline for Identification of Motor Units in Musculoskeletal Ultrasound. IEEE Access, 2020, 8, 170595-170608.	4.2	17
11	Segmentation of Lungs in Chest X-Ray Image Using Generative Adversarial Networks. IEEE Access, 2020, 8, 153535-153545.	4.2	40
12	Miniaturization of Dielectric Resonator Antenna by Using Artificial Magnetic Conductor Surface. IEEE Access, 2020, 8, 68548-68558.	4.2	12
13	Space-time kernel based numerical method for generalized Black-Scholes equation. Discrete and Continuous Dynamical Systems - Series S, 2020, 13, 2905-2915.	1.1	2
14	Generative Adversarial Network and Retinal Image Segmentation. Studies in Computational Intelligence, 2020, , 473-490.	0.9	0
15	A Hazard-Free Framework for Aerial Distribution of Pesticides on Agricultural Land. Mehran University Research Journal of Engineering and Technology, 2020, 39, 548-553.	0.6	2
16	On the Approximation of a Nonlinear Biological Population Model Using Localized Radial Basis Function Method. Mathematical and Computational Applications, 2019, 24, 54.	1.3	2
17	Outer rotor wound field flux switching machine for In-wheel direct drive application. IET Electric Power Applications, 2019, 13, 757-765.	1.8	22
18	Call Details Record Analysis: A Spatiotemporal Exploration toward Mobile Traffic Classification and Optimization. Information (Switzerland), 2019, 10, 192.	2.9	12

#	ARTICLE	IF	CITATIONS
19	Understanding and Partitioning Mobile Traffic using Internet Activity Records Data - A Spatiotemporal Approach. , 2019, , .		1
20	Modular Rotor Single Phase Field Excited Flux Switching Machine with Non-Overlapped Windings. Energies, 2019, 12, 1576.	3.1	8
21	Multi band Frequency Reconfigurable Dielectric Resonator Antenna for multiple wireless application. , 2019, , .		3
22	3D human action analysis and recognition through GLAC descriptor on 2D motion and static posture images. Multimedia Tools and Applications, 2019, 78, 21085-21111.	3.9	22
23	Human action recognition using MHI and SHI based GLAC features and Collaborative Representation Classifier. Journal of Intelligent and Fuzzy Systems, 2019, 36, 3385-3401.	1.4	13
24	Human Activity Recognition using Multi-Head CNN followed by LSTM. , 2019, , .		10
25	Incident Detection over Unified Threat Management Platform on a Cloud Network. , 2019, , .		3
26	Smart Fault Detection and Generator Protection scheme using Arduino and HMI. , 2019, , .		0
27	Miniaturized Off-Centered Fed Dipole Slot Antenna for Multiband Wireless Applications. , 2019, , .		0
28	Human Action Recognition Using GLAC Features on Multi-view Binary Coded Images. , 2019, , .		1
29	Breast Cancer Detection and Classification based on Multilevel Wavelet Transformation. , 2019, , .		0
30	Capsule-Net for Urdu Digits Recognition. , 2019, , .		2
31	Seizure Prediction Using Bidirectional LSTM. Communications in Computer and Information Science, 2019, , 349-356.	0.5	5
32	SCADA & PLC based fully automated pneumatic cutting machine: A test bench for industry and laboratory. , 2018, , .		5
33	Supervised classification for object identification in urban areas using satellite imagery. , 2018, , .		4
34	Speaker recognition with hybrid features from a deep belief network. Neural Computing and Applications, 2018, 29, 13-19.	5.6	71
35	An L-shaped frequency reconfigurable MIMO Dielectric Resonator antenna for PCS band applications. , 2018, , .		1
36	A cross-shaped MIMO reconfigurable dielectric resonator antenna for GSM and LTE/UMTS applications. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
37	An Intelligent Monitoring System of Vehicles on Highway Traffic. , 2018, , .		12
38	Prototype Designing of Hybrid Power System for Industry with efficient design of Solar Power System. , 2018, , .		4
39	A U-shaped Wide band frequency reconfigurable dielectric resonator antenna for 5G applications. , 2018, , .		5
40	A Coplanar Waveguide Wide Band Frequency Reconfigurable Dielectric Resonator Antenna for Wimax/WLAN/WBAN Applications. , 2018, , .		0
41	Generative Adversarial Network for Medical Images (MI-GAN). Journal of Medical Systems, 2018, 42, 231.	3.6	148
42	The Spaceâ€Time Kernel-Based Numerical Method for Burgersâ€™ Equations. Mathematics, 2018, 6, 212.	2.2	12
43	Call Detail Records Driven Anomaly Detection and Traffic Prediction in Mobile Cellular Networks. IEEE Access, 2018, 6, 41728-41737.	4.2	43
44	Big Data Perspective and Challenges in Next Generation Networks. Future Internet, 2018, 10, 56.	3.8	33
45	A smart framework for power distribution and load balancing using Arduino. , 2018, , .		3
46	KNN and ANN-based Recognition of Handwritten Pashto Letters using Zoning Features. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.7	21
47	Global stability properties for a delayed virus dynamics model with humoral immunity response and absorption effect. , 2017, , .		1
48	Where big data meets 5G?. , 2017, , .		6
49	Design of multi-band antenna for LTE and WiMAX applications using step-shaped drivers with the truncated ground plane. , 2017, , .		2
50	Improving Classification Performance through an Advanced Ensemble Based Heterogeneous Extreme Learning Machines. Computational Intelligence and Neuroscience, 2017, 2017, 1-11.	1.7	33
51	A Denoising Based Autoassociative Model for Robust Sensor Monitoring in Nuclear Power Plants. Science and Technology of Nuclear Installations, 2016, 2016, 1-17.	0.8	14
52	Computer Aided System for Leukocytes Classification and Segmentation in Blood Smear Images. , 2016, , .		9
53	Joint SLM and modified clipping scheme for PAPR reduction. , 2016, , .		5
54	Urdu Speech Corpus and Preliminary Results on Speech Recognition. Communications in Computer and Information Science, 2016, , 317-325.	0.5	2

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55	Automatic Urdu Speech Recognition using Hidden Markov Model. , 2016, , .		3
56	Automatic speech recognition of Urdu words using linear discriminant analysis. Journal of Intelligent and Fuzzy Systems, 2015, 28, 2369-2375.	1.4	8
57	Improving PAPR reduction for OFDM using hybrid techniques. , 2015, , .		2
58	Automatic Speech Recognition of Urdu Digits with Optimal Classification Approach. International Journal of Computer Applications, 2015, 118, 1-5.	0.2	10
59	Unimodal late fusion for NIST i-vector challenge on speaker detection. Electronics Letters, 2014, 50, 1098-1100.	1.0	13
60	Bayesian network scores based text localization in scene images. , 2014, , .		6
61	Linear Discriminant Analysis Based Approach for Automatic Speech Recognition of Urdu Isolated Words. Communications in Computer and Information Science, 2014, , 24-34.	0.5	4
62	DWT features performance analysis for automatic speech recognition of Urdu. SpringerPlus, 2014, 3, 204.	1.2	18
63	Classifier comparison for MSER-based text classification in scene images. , 2013, , .		6
64	Phase compensated differential based quadrature direct digital frequency synthesis. , 2012, , .		0
65	The development of isolated words corpus of Pashto for the automatic speech recognition research. , 2012, , .		7
66	Differential based area efficient ROM-less Quadrature Direct Digital Frequency Synthesis. , 2009, , .		4