

Mohammad Abdullah-Al-Wadud

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

2,465
citations

394286

19
h-index

214721

47
g-index

98
all docs

98
docs citations

98
times ranked

2395
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dynamic Histogram Equalization for Image Contrast Enhancement. IEEE Transactions on Consumer Electronics, 2007, 53, 593-600.	3.0	843
2	Review of recent trends in optimization techniques for plug-in hybrid, and electric vehicle charging infrastructures. Renewable and Sustainable Energy Reviews, 2016, 58, 1039-1047.	8.2	301
3	An adaptive gamma correction for image enhancement. Eurasip Journal on Image and Video Processing, 2016, 2016, .	1.7	180
4	A holistic review on optimization strategies for combined economic emission dispatch problem. Renewable and Sustainable Energy Reviews, 2018, 81, 3006-3020.	8.2	99
5	SPIIMM: Toward a Model for Software Process Improvement Implementation and Management in Global Software Development. IEEE Access, 2017, 5, 13720-13741.	2.6	65
6	On the performance of accelerated particle swarm optimization for charging plug-in hybrid electric vehicles. AEJ - Alexandria Engineering Journal, 2016, 55, 419-426.	3.4	63
7	Multiomics Analysis Reveals that GLS and GLS2 Differentially Modulate the Clinical Outcomes of Cancer. Journal of Clinical Medicine, 2019, 8, 355.	1.0	60
8	Facial expression recognition with local prominent directional pattern. Signal Processing: Image Communication, 2019, 74, 1-12.	1.8	53
9	A skin detection approach based on the Dempster-Shafer theory of evidence. International Journal of Approximate Reasoning, 2012, 53, 636-659.	1.9	39
10	Secure crowd-sensing protocol for fog-based vehicular cloud. Future Generation Computer Systems, 2021, 120, 61-75.	4.9	33
11	Facial Expression Recognition with Neighborhood-Aware Edge Directional Pattern (NEDP). IEEE Transactions on Affective Computing, 2020, 11, 125-137.	5.7	32
12	A quantum-inspired particle swarm optimization approach for environmental/economic power dispatch problem using cubic criterion function. International Transactions on Electrical Energy Systems, 2018, 28, e2497.	1.2	30
13	Directional Age-Primitive Pattern (DAPP) for Human Age Group Recognition and Age Estimation. IEEE Transactions on Information Forensics and Security, 2017, 12, 2505-2517.	4.5	29
14	Self-Adaptive Scheduling of Base Transceiver Stations in Green 5G Networks. IEEE Access, 2018, 6, 7958-7969.	2.6	29
15	Quantum-behaved bat algorithm for many-objective combined economic emission dispatch problem using cubic criterion function. Neural Computing and Applications, 2019, 31, 5857-5869.	3.2	28
16	Software Defined Network-Based Multi-Access Edge Framework for Vehicular Networks. IEEE Access, 2020, 8, 4220-4234.	2.6	28
17	Multiple object tracking with partial occlusion handling using salient feature points. Information Sciences, 2014, 278, 448-465.	4.0	24
18	QoS and trust-aware coalition formation game in data-intensive cloud federations. Concurrency Computation Practice and Experience, 2016, 28, 2889-2905.	1.4	23

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19	A Dynamic Histogram Equalization for Image Contrast Enhancement. , 2007, , .		22
20	Energy-Aware Resource and Revenue Management in Federated Cloud: A Game-Theoretic Approach. IEEE Systems Journal, 2017, 11, 951-961.	2.9	21
21	Auto-Colorization of Historical Images Using Deep Convolutional Neural Networks. Mathematics, 2020, 8, 2258.	1.1	20
22	A scalable and elastic cloud-assisted publish/subscribe model for IPTV video surveillance system. Cluster Computing, 2015, 18, 1539-1548.	3.5	19
23	Swarm Intelligence-Based Optimization for PHEV Charging Stations. Advances in Computational Intelligence and Robotics Book Series, 2015, , 374-405.	0.4	18
24	Skin Segmentation Using Color Distance Map and Water-Flow Property. , 2008, , .		17
25	GAFOR: Genetic Algorithm Based Fuzzy Optimized Re-Clustering in Wireless Sensor Networks. Mathematics, 2021, 9, 43.	1.1	17
26	Swarm Intelligence-Based Smart Energy Allocation Strategy for Charging Stations of Plug-In Hybrid Electric Vehicles. Mathematical Problems in Engineering, 2015, 2015, 1-10.	0.6	16
27	L-Boost: Identifying Offensive Texts From Social Media Post in Bengali. IEEE Access, 2021, 9, 164681-164699.	2.6	16
28	A Schedule-based Multi-channel MAC Protocol for Wireless Sensor Networks. Sensors, 2010, 10, 9466-9480.	2.1	15
29	Optimisation of PHEV/EV charging infrastructures: a review. International Journal of Energy Technology and Policy, 2014, 10, 280.	0.1	15
30	Selection of Heart-Biometric Templates for Fusion. IEEE Access, 2017, 5, 1753-1761.	2.6	15
31	A key distribution scheme for secure communication in acoustic sensor networks. Future Generation Computer Systems, 2018, 86, 1209-1217.	4.9	15
32	Facial Expression Recognition From Depth Video With Patterns of Oriented Motion Flow. IEEE Access, 2017, 5, 8880-8889.	2.6	14
33	Noise adaptive binary pattern for face image analysis. , 2015, , .		13
34	Optimal power allocation scheme for plug-in hybrid electric vehicles using swarm intelligence techniques. Cogent Engineering, 2016, 3, 1203083.	1.1	13
35	A Skin Detection Approach Based on Color Distance Map. Eurasip Journal on Advances in Signal Processing, 2009, 2008, .	1.0	12
36	Intelligent energy allocation strategy for PHEV charging station using gravitational search algorithm. , 2014, , .		12

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37	Novel metaheuristic optimization strategies for plug-in hybrid electric vehicles: A holistic review. Intelligent Decision Technologies, 2016, 10, 149-163.	0.6	12
38	Quantum particle swarm optimization for multiobjective combined economic emission dispatch problem using cubic criterion function. , 2017, , .		12
39	Region-of-Interest Selection for Skin Detection Based Applications. , 2007, , .		11
40	An energy-efficient common control channel selection mechanism for Cognitive Radio Ad Hoc Networks. Annales Des Telecommunications/Annals of Telecommunications, 2015, 70, 11-28.	1.6	11
41	Bengali Stop Word and Phrase Detection Mechanism. Arabian Journal for Science and Engineering, 2020, 45, 3355-3368.	1.7	11
42	A robust security scheme for wireless mesh enterprise networks. Annales Des Telecommunications/Annals of Telecommunications, 2009, 64, 401-413.	1.6	9
43	A local adaptive image descriptor. New Review of Hypermedia and Multimedia, 2013, 19, 286-298.	0.9	8
44	Dark image enhancement by locally transformed histogram. , 2014, , .		8
45	A Two-Stage Algorithm for Engagement Detection in Online Learning. , 2019, , .		8
46	Retinal blood vessel segmentation from fundus image using an efficient multiscale directional representation technique Bendlets. Mathematical Biosciences and Engineering, 2020, 17, 7751-7771.	1.0	8
47	Facial Expression Classification Based on Dempster-Shafer Theory of Evidence. Advances in Intelligent and Soft Computing, 2012, , 213-220.	0.2	7
48	A spatially controlled histogram equalization for image enhancement. , 2008, , .		6
49	A Noise-Aware Coding Scheme for Texture Classification. Sensors, 2011, 11, 8028-8044.	2.1	6
50	Skin detection using statistics of small amount of training data. Electronics Letters, 2012, 48, 87.	0.5	6
51	Energy-efficient multilayer routing protocol for SPMIPv6-based IP-WSN. International Journal of Sensor Networks, 2015, 18, 114.	0.2	6
52	Introducing Cloud-Assisted Micro-Service-Based Software Development Framework for Healthcare Systems. IEEE Access, 2022, 10, 33332-33348.	2.6	6
53	An edge-texture based moving object detection for video content based application. , 2011, , .		5
54	A review on economic emission dispatch problems using quantum computational intelligence. AIP Conference Proceedings, 2016, , .	0.3	5

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55	Swarm intelligence based State-of-Charge optimization for charging Plug-in Hybrid Electric Vehicles. , 2015, , .		5
56	Evaluation of the Effectiveness of Movement Control Order to Limit the Spread of COVID-19. Annals of Emerging Technologies in Computing, 2020, 4, 1-9.	1.0	5
57	A fault-tolerant structural health monitoring protocol using wireless sensor networks. Annales Des Telecommunications/Annals of Telecommunications, 2014, 69, 219-228.	1.6	4
58	A Review on Medication Identification Techniques for Visually Impaired Patients. , 2018, , .		4
59	A Reliable Skin Detection Using Dempster-Shafer Theory of Evidence. Lecture Notes in Computer Science, 2009, , 764-779.	1.0	4
60	Hybrid Particle Swarm and Gravitational Search Optimization Techniques for Charging Plug-In Hybrid Electric Vehicles. Advances in Computational Intelligence and Robotics Book Series, 2016, , 471-504.	0.4	4
61	A Fast Algorithm to Calculate Powers of a Boolean Matrix for Diameter Computation of Random Graphs. , 2008, , 58-69.		4
62	A reliable structural health monitoring protocol using wireless sensor networks. , 2011, , .		3
63	A TDMA Scheme for Mobile Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 907583.	1.3	3
64	Learning discriminant DCT coefficients driven block descriptor for digital dropout detection system in degraded archived media. Expert Systems With Applications, 2015, 42, 5811-5821.	4.4	3
65	A novel framework for approximating resistanceâ€™temperature characteristics of a superconducting film based on artificial neural networks. Results in Physics, 2021, 24, 104088.	2.0	3
66	Facial expression recognition based on a weighted Local Binary Pattern. , 2010, , .		2
67	Multi-channel MAC protocol for wireless sensor networks: A schedule-based approach. , 2011, , .		2
68	Image Enhancement Using a Modified Histogram Equalization. Communications in Computer and Information Science, 2012, , 17-24.	0.4	2
69	A scalable framework for protecting user identity and access pattern in untrusted Web server using forward secrecy, public key encryption and bloom filter. Concurrency Computation Practice and Experience, 2017, 29, e3863.	1.4	2
70	A Review on Recommending Solutions for Bugs Using Crowdsourcing. , 2018, , .		2
71	Medication Identification Aid for Visually Impaired Patients. , 2019, , .		2
72	Quantum-Inspired Computational Intelligence for Economic Emission Dispatch Problem. Advances in Computational Intelligence and Robotics Book Series, 2017, , 445-468.	0.4	2

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73	An Industry-4.0-Compliant Sustainable Bitcoin Model Through Optimized Transaction Selection and Sustainable Block Integration. IEEE Transactions on Industrial Informatics, 2022, 18, 9162-9172.	7.2	2
74	Global and local transformation function mixture for image contrast enhancement. , 2009, , .		1
75	A user-specified approach for image contrast enhancement. , 2012, , .		1
76	Moving Object Detection and Tracking Using Particle Filter. Applied Mechanics and Materials, 0, 321-324, 1200-1204.	0.2	1
77	Quantum-Behaved Bat Algorithm for Combined Economic Emission Dispatch Problem with Valve-Point Effect. Lecture Notes in Electrical Engineering, 2018, , 923-933.	0.3	1
78	A Method to Suggest Solutions for Software Bugs. , 2019, , .		1
79	An Enhanced Similarity Measure for Collaborative Filtering-based Recommender Systems. , 2019, , .		1
80	Fog-based and Secure Framework for Personal Health Records Systems. Computers, Materials and Continua, 2021, 66, 1937-1948.	1.5	1
81	Image Contrast Enhancement Based on Block-Wise Intensity-Pair Distribution with Two Expansion Forces. Lecture Notes in Computer Science, 2006, , 247-256.	1.0	1
82	Block Overlapped Intensity-Pair Distribution Approach for Image Contrast Enhancement. Information Technology Journal, 2007, 6, 897-902.	0.3	1
83	An Improved Steganography Covert Channel. Communications in Computer and Information Science, 2009, , 176-187.	0.4	1
84	Concurrent Covert Communication Channels. Lecture Notes in Computer Science, 2010, , 203-213.	1.0	1
85	Fast Reconstruction Technique for Medical Images Using Graphics Processing Unit. Communications in Computer and Information Science, 2011, , 300-309.	0.4	1
86	Ontology for Attack Detection: Semantic-Based Approach for Genomic Data Security. Journal of Medical Imaging and Health Informatics, 2017, 7, 1309-1323.	0.2	1
87	Block based Intensity-Pair Distribution for Image Contrast Enhancement. , 2006, , .		0
88	Detecting mitochondria in fluorescence images. , 2009, , .		0
89	Predicting Protein-protein Interaction Using Amino Acid Sequence Information: A Computational Approach. Plant Tissue Culture and Biotechnology, 2010, 20, 37-45.	0.1	0
90	A decision-based filter for removing salt-and-pepper noise. , 2012, , .		0

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91	Genetic Algorithms Revisited for Improved Clustering of Text Documents. , 2018, , .		0
92	Structural pattern-based approach for Betacam dropout detection in degraded archived media. IET Image Processing, 2019, 13, 224-232.	1.4	0
93	Minimizing the Search Space for Shape Retrieval Algorithms. Lecture Notes in Computer Science, 2006, , 105-114.	1.0	0
94	An Analysis of Syndrome Coding. Communications in Computer and Information Science, 2010, , 37-50.	0.4	0
95	Hybrid Swarm Intelligence-Based Optimization for Charging Plug-in Hybrid Electric Vehicle. Lecture Notes in Computer Science, 2015, , 22-30.	1.0	0
96	Quantum-Inspired Computational Intelligence for Economic Emission Dispatch Problem. , 2020, , 634-657.		0
97	Region-of-Interest Selection for Skin Detection Based Applications. , 2007, , .		0