

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
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all docs

98
docs citations

98
times ranked

2395
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Introducing Cloud-Assisted Micro-Service-Based Software Development Framework for Healthcare Systems. IEEE Access, 2022, 10, 33332-33348.	2.6	6
3	Fog-based and Secure Framework for Personal Health Records Systems. Computers, Materials and Continua, 2021, 66, 1937-1948.	1.5	1
4	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
5	Secure crowd-sensing protocol for fog-based vehicular cloud. Future Generation Computer Systems, 2021, 120, 61-75.	4.9	33
6	GAFOR: Genetic Algorithm Based Fuzzy Optimized Re-Clustering in Wireless Sensor Networks. Mathematics, 2021, 9, 43.	1.1	17
7	L-Boost: Identifying Offensive Texts From Social Media Post in Bengali. IEEE Access, 2021, 9, 164681-164699.	2.6	16
8	Facial Expression Recognition with Neighborhood-Aware Edge Directional Pattern (NEDP). IEEE Transactions on Affective Computing, 2020, 11, 125-137.	5.7	32
9	Software Defined Network-Based Multi-Access Edge Framework for Vehicular Networks. IEEE Access, 2020, 8, 4220-4234.	2.6	28
10	Bengali Stop Word and Phrase Detection Mechanism. Arabian Journal for Science and Engineering, 2020, 45, 3355-3368.	1.7	11
11	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
12	Auto-Colorization of Historical Images Using Deep Convolutional Neural Networks. Mathematics, 2020, 8, 2258.	1.1	20
13	Quantum-Inspired Computational Intelligence for Economic Emission Dispatch Problem. , 2020, , 634-657.		0
14	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
15	Medication Identification Aid for Visually Impaired Patients. , 2019, , .		2
16	Facial expression recognition with local prominent directional pattern. Signal Processing: Image Communication, 2019, 74, 1-12.	1.8	53
17	Multiomics Analysis Reveals that GLS and GLS2 Differentially Modulate the Clinical Outcomes of Cancer. Journal of Clinical Medicine, 2019, 8, 355.	1.0	60
18	A Method to Suggest Solutions for Software Bugs. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	An Enhanced Similarity Measure for Collaborative Filtering-based Recommender Systems. , 2019, , .		1
20	A Two-Stage Algorithm for Engagement Detection in Online Learning. , 2019, , .		8
21	Structural pattern-based approach for Betacam dropout detection in degraded archived media. IET Image Processing, 2019, 13, 224-232.	1.4	0
22	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
23	Self-Adaptive Scheduling of Base Transceiver Stations in Green 5G Networks. IEEE Access, 2018, 6, 7958-7969.	2.6	29
24	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
25	A holistic review on optimization strategies for combined economic emission dispatch problem. Renewable and Sustainable Energy Reviews, 2018, 81, 3006-3020.	8.2	99
26	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
27	A key distribution scheme for secure communication in acoustic sensor networks. Future Generation Computer Systems, 2018, 86, 1209-1217.	4.9	15
28	Genetic Algorithms Revisited for Improved Clustering of Text Documents. , 2018, , .		0
29	A Review on Medication Identification Techniques for Visually Impaired Patients. , 2018, , .		4
30	A Review on Recommending Solutions for Bugs Using Crowdsourcing. , 2018, , .		2
31	Energy-Aware Resource and Revenue Management in Federated Cloud: A Game-Theoretic Approach. IEEE Systems Journal, 2017, 11, 951-961.	2.9	21
32	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
33	Selection of Heart-Biometric Templates for Fusion. IEEE Access, 2017, 5, 1753-1761.	2.6	15
34	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
35	Facial Expression Recognition From Depth Video With Patterns of Oriented Motion Flow. IEEE Access, 2017, 5, 8880-8889.	2.6	14
36	Quantum particle swarm optimization for multiobjective combined economic emission dispatch problem using cubic criterion function. , 2017, , .		12

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37	SPIIMM: Toward a Model for Software Process Improvement Implementation and Management in Global Software Development. <i>IEEE Access</i> , 2017, 5, 13720-13741.	2.6	65
38	Quantum-Inspired Computational Intelligence for Economic Emission Dispatch Problem. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2017, , 445-468.	0.4	2
39	Ontology for Attack Detection: Semantic-Based Approach for Genomic Data Security. <i>Journal of Medical Imaging and Health Informatics</i> , 2017, 7, 1309-1323.	0.2	1
40	QoS and trust-aware coalition formation game in data-intensive cloud federations. <i>Concurrency Computation Practice and Experience</i> , 2016, 28, 2889-2905.	1.4	23
41	A review on economic emission dispatch problems using quantum computational intelligence. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	5
42	An adaptive gamma correction for image enhancement. <i>Eurasip Journal on Image and Video Processing</i> , 2016, 2016, .	1.7	180
43	Novel metaheuristic optimization strategies for plug-in hybrid electric vehicles: A holistic review. <i>Intelligent Decision Technologies</i> , 2016, 10, 149-163.	0.6	12
44	Optimal power allocation scheme for plug-in hybrid electric vehicles using swarm intelligence techniques. <i>Cogent Engineering</i> , 2016, 3, 1203083.	1.1	13
45	Review of recent trends in optimization techniques for plug-in hybrid, and electric vehicle charging infrastructures. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 58, 1039-1047.	8.2	301
46	On the performance of accelerated particle swarm optimization for charging plug-in hybrid electric vehicles. <i>AEJ - Alexandria Engineering Journal</i> , 2016, 55, 419-426.	3.4	63
47	Hybrid Particle Swarm and Gravitational Search Optimization Techniques for Charging Plug-In Hybrid Electric Vehicles. <i>Advances in Computational Intelligence and Robotics Book Series</i> , 2016, , 471-504.	0.4	4
48	Noise adaptive binary pattern for face image analysis. , 2015, , .		13
49	Swarm Intelligence-Based Smart Energy Allocation Strategy for Charging Stations of Plug-In Hybrid Electric Vehicles. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-10.	0.6	16
50	A scalable and elastic cloud-assisted publish/subscribe model for IPTV video surveillance system. <i>Cluster Computing</i> , 2015, 18, 1539-1548.	3.5	19
51	Energy-efficient multilayer routing protocol for SPMIPv6-based IP-WSN. <i>International Journal of Sensor Networks</i> , 2015, 18, 114.	0.2	6
52	Learning discriminant DCT coefficients driven block descriptor for digital dropout detection system in degraded archived media. <i>Expert Systems With Applications</i> , 2015, 42, 5811-5821.	4.4	3
53	An energy-efficient common control channel selection mechanism for Cognitive Radio Ad Hoc Networks. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2015, 70, 11-28.	1.6	11
54	Swarm intelligence based State-of-Charge optimization for charging Plug-in Hybrid Electric Vehicles. , 2015, , .		5

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55	Swarm Intelligence-Based Optimization for PHEV Charging Stations. Advances in Computational Intelligence and Robotics Book Series, 2015, , 374-405.	0.4	18
56	Hybrid Swarm Intelligence-Based Optimization for Charging Plug-in Hybrid Electric Vehicle. Lecture Notes in Computer Science, 2015, , 22-30.	1.0	0
57	Optimisation of PHEV/EV charging infrastructures: a review. International Journal of Energy Technology and Policy, 2014, 10, 280.	0.1	15
58	Dark image enhancement by locally transformed histogram. , 2014, , .		8
59	A fault-tolerant structural health monitoring protocol using wireless sensor networks. Annales Des Telecommunications/Annals of Telecommunications, 2014, 69, 219-228.	1.6	4
60	Multiple object tracking with partial occlusion handling using salient feature points. Information Sciences, 2014, 278, 448-465.	4.0	24
61	Intelligent energy allocation strategy for PHEV charging station using gravitational search algorithm. , 2014, , .		12
62	A local adaptive image descriptor. New Review of Hypermedia and Multimedia, 2013, 19, 286-298.	0.9	8
63	A TDMA Scheme for Mobile Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 907583.	1.3	3
64	A decision-based filter for removing salt-and-pepper noise. , 2012, , .		0
65	A user-specified approach for image contrast enhancement. , 2012, , .		1
66	Image Enhancement Using a Modified Histogram Equalization. Communications in Computer and Information Science, 2012, , 17-24.	0.4	2
67	Skin detection using statistics of small amount of training data. Electronics Letters, 2012, 48, 87.	0.5	6
68	A skin detection approach based on the Dempster-Shafer theory of evidence. International Journal of Approximate Reasoning, 2012, 53, 636-659.	1.9	39
69	Facial Expression Classification Based on Dempster-Shafer Theory of Evidence. Advances in Intelligent and Soft Computing, 2012, , 213-220.	0.2	7
70	Multi-channel MAC protocol for wireless sensor networks: A schedule-based approach. , 2011, , .		2
71	A reliable structural health monitoring protocol using wireless sensor networks. , 2011, , .		3
72	An edge-texture based moving object detection for video content based application. , 2011, , .		5

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73	A Noise-Aware Coding Scheme for Texture Classification. <i>Sensors</i> , 2011, 11, 8028-8044.	2.1	6
74	Fast Reconstruction Technique for Medical Images Using Graphics Processing Unit. <i>Communications in Computer and Information Science</i> , 2011, , 300-309.	0.4	1
75	Predicting Protein-protein Interaction Using Amino Acid Sequence Information: A Computational Approach. <i>Plant Tissue Culture and Biotechnology</i> , 2010, 20, 37-45.	0.1	0
76	A Schedule-based Multi-channel MAC Protocol for Wireless Sensor Networks. <i>Sensors</i> , 2010, 10, 9466-9480.	2.1	15
77	Facial expression recognition based on a weighted Local Binary Pattern. , 2010, , .		2
78	An Analysis of Syndrome Coding. <i>Communications in Computer and Information Science</i> , 2010, , 37-50.	0.4	0
79	Concurrent Covert Communication Channels. <i>Lecture Notes in Computer Science</i> , 2010, , 203-213.	1.0	1
80	Global and local transformation function mixture for image contrast enhancement. , 2009, , .		1
81	Detecting mitochondria in fluorescence images. , 2009, , .		0
82	A robust security scheme for wireless mesh enterprise networks. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2009, 64, 401-413.	1.6	9
83	A Skin Detection Approach Based on Color Distance Map. <i>Eurasip Journal on Advances in Signal Processing</i> , 2009, 2008, .	1.0	12
84	A Reliable Skin Detection Using Dempster-Shafer Theory of Evidence. <i>Lecture Notes in Computer Science</i> , 2009, , 764-779.	1.0	4
85	An Improved Steganography Covert Channel. <i>Communications in Computer and Information Science</i> , 2009, , 176-187.	0.4	1
86	A spatially controlled histogram equalization for image enhancement. , 2008, , .		6
87	Skin Segmentation Using Color Distance Map and Water-Flow Property. , 2008, , .		17
88	A Fast Algorithm to Calculate Powers of a Boolean Matrix for Diameter Computation of Random Graphs. , 2008, , 58-69.		4
89	A Dynamic Histogram Equalization for Image Contrast Enhancement. , 2007, , .		22
90	Region-of-Interest Selection for Skin Detection Based Applications. , 2007, , .		11

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91	A Dynamic Histogram Equalization for Image Contrast Enhancement. IEEE Transactions on Consumer Electronics, 2007, 53, 593-600.	3.0	843
92	Block Overlapped Intensity-Pair Distribution Approach for Image Contrast Enhancement. Information Technology Journal, 2007, 6, 897-902.	0.3	1
93	Region-of-Interest Selection for Skin Detection Based Applications. , 2007, , .		0
94	Block based Intensity-Pair Distribution for Image Contrast Enhancement. , 2006, , .		0
95	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
96	Minimizing the Search Space for Shape Retrieval Algorithms. Lecture Notes in Computer Science, 2006, , 105-114.	1.0	0
97	Moving Object Detection and Tracking Using Particle Filter. Applied Mechanics and Materials, 0, 321-324, 1200-1204.	0.2	1