

Tarik Ahmed Rashid

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

1,512
citations

23
h-index

35
g-index

152
ext. papers

2,739
ext. citations

4.1
avg, IF

5.86
L-index

#	Paper	IF	Citations
110	Multi-objective learner performance-based behavior algorithm with five multi-objective real-world engineering problems. <i>Neural Computing and Applications</i> , 2022 , 34, 6307	4.8	2
109	A Comprehensive Survey on the Internet of Things with the Industrial Marketplace.. <i>Sensors</i> , 2022 , 22,	3.8	5
108	A comprehensive review and evaluation on text predictive and entertainment systems. <i>Soft Computing</i> , 2022 , 26, 1541-1562	3.5	0
107	COV-ECGNET: COVID-19 detection using ECG trace images with deep convolutional neural network.. <i>Health Information Science and Systems</i> , 2022 , 10, 1	5.1	10
106	Generative adversarial network (GAN) and enhanced root mean square error (ERMSE): deep learning for stock price movement prediction. <i>Multimedia Tools and Applications</i> , 2022 , 81, 3995	2.5	1
105	Energy Efficient Clustering in Wireless Sensor Networks by Opposition-Based Initialization Bat Algorithm. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 1-16	0.4	8
104	Training a Multilayer Perception for Modeling Stock Price Index Predictions Using Modified Whale Optimization Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 415-430	0.4	6
103	Wireless Sensor Networks Localization by Improved Whale Optimization Algorithm. <i>Algorithms for Intelligent Systems</i> , 2022 , 769-783	0.5	7
102	Deep learning for sleep stages classification: modified rectified linear unit activation function and modified orthogonal weight initialisation. <i>Multimedia Tools and Applications</i> , 2022 , 81, 9855-9874	2.5	0
101	Medical dataset classification for Kurdish short text over social media.. <i>Data in Brief</i> , 2022 , 42, 108089	1.2	
100	Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life Years for 29 Cancer Groups From 2010 to 2019: A Systematic Analysis for the Global Burden of Disease Study 2019.. <i>JAMA Oncology</i> , 2021 ,	13.4	51
99	The global burden of adolescent and young adult cancer in 2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Oncology, The</i> , 2021 ,	21.7	4
98	Pulmonary Diffuse Airspace Opacities Diagnosis from Chest X-Ray Images Using Deep Convolutional Neural Networks Fine-Tuned by Whale Optimizer. <i>Wireless Personal Communications</i> , 2021 , 1-20	1.9	1
97	ANA: Ant Nesting Algorithm for Optimizing Real-World Problems. <i>Mathematics</i> , 2021 , 9, 3111	2.3	3
96	Performance of a Novel Chaotic Firefly Algorithm with Enhanced Exploration for Tackling Global Optimization Problems: Application for Dropout Regularization. <i>Mathematics</i> , 2021 , 9, 2705	2.3	29
95	An extensive dataset of handwritten central Kurdish isolated characters. <i>Data in Brief</i> , 2021 , 39, 107479	1.2	1
94	Deep learning for vision-based fall detection system: Enhanced optical dynamic flow. <i>Computational Intelligence</i> , 2021 , 37, 578-595	2.5	5

93	A comprehensive survey and taxonomy of the SVM-based intrusion detection systems. <i>Journal of Network and Computer Applications</i> , 2021 , 178, 102983	7.9	30
92	A novel solution of using mixed reality in bowel and oral and maxillofacial surgical telepresence: 3D mean value cloning algorithm. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021 , 17, e2224	2.9	
91	Tunnel geomechanical parameters prediction using Gaussian process regression. <i>Machine Learning With Applications</i> , 2021 , 3, 100020	6.5	5
90	A new K-means grey wolf algorithm for engineering problems. <i>World Journal of Engineering</i> , 2021 , 18, 630-638	1.8	4
89	A novel visualization system of using augmented reality in knee replacement surgery: Enhanced bidirectional maximum correntropy algorithm. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021 , 17, e2223	2.9	2
88	Hearing loss prevalence and years lived with disability, 1990-2019: findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021 , 397, 996-1009	40	82
87	Evolving deep convolutional neural network by hybrid sine-cosine and extreme learning machine for real-time COVID19 diagnosis from X-ray images. <i>Soft Computing</i> , 2021 , 1-20	3.5	15
86	Performance evaluation results of evolutionary clustering algorithm star for clustering heterogeneous datasets. <i>Data in Brief</i> , 2021 , 36, 107044	1.2	5
85	Real-time COVID-19 diagnosis from X-Ray images using deep CNN and extreme learning machines stabilized by chimp optimization algorithm. <i>Biomedical Signal Processing and Control</i> , 2021 , 68, 102764	4.9	31
84	A new evolutionary algorithm: Learner performance based behavior algorithm. <i>Egyptian Informatics Journal</i> , 2021 , 22, 213-223	3.1	21
83	Next word prediction based on the N-gram model for Kurdish Sorani and Kurmanji. <i>Neural Computing and Applications</i> , 2021 , 33, 4547-4566	4.8	2
82	An Improved BAT Algorithm for Solving Job Scheduling Problems in Hotels and Restaurants. <i>Studies in Computational Intelligence</i> , 2021 , 155-171	0.8	0
81	Hybrid Genetic Algorithm and Machine Learning Method for COVID-19 Cases Prediction. <i>Lecture Notes in Networks and Systems</i> , 2021 , 169-184	0.5	34
80	A multidisciplinary ensemble algorithm for clustering heterogeneous datasets. <i>Neural Computing and Applications</i> , 2021 , 33, 10987	4.8	13
79	Measuring routine childhood vaccination coverage in 204 countries and territories, 1980-2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. <i>Lancet, The</i> , 2021 , 398, 503-521	40	29
78	Feedforward Multi-Layer Perceptron Training by Hybridized Method between Genetic Algorithm and Artificial Bee Colony 2021 , 279-292		10
77	Hybrid Fruit-Fly Optimization Algorithm with K-Means for Text Document Clustering. <i>Mathematics</i> , 2021 , 9, 1929	2.3	38
76	Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990-2019: results from the Global Burden of Disease Study 2019. <i>Lancet Infectious Diseases, The</i> , 2021 ,	25.5	6

75	Tracking development assistance for health and for COVID-19: a review of development assistance, government, out-of-pocket, and other private spending on health for 204 countries and territories, 1990-2050. <i>Lancet, The</i> , 2021 , 398, 1317-1343	4.0	18
74	Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990-2019, for 204 countries and territories: the Global Burden of Diseases Study 2019. <i>Lancet HIV,the</i> , 2021 , 8, e633-e651	7.8	9
73	A novel cluster detection of COVID-19 patients and medical disease conditions using improved evolutionary clustering algorithm star. <i>Computers in Biology and Medicine</i> , 2021 , 138, 104866	7	5
72	Exergetic and financial parametric analyses and multi-objective optimization of a novel geothermal-driven cogeneration plant; adopting a modified dual binary technique. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 48, 101442	4.7	
71	Critical analysis: bat algorithm-based investigation and application on several domains. <i>World Journal of Engineering</i> , 2021 , 18, 606-620	1.8	4
70	An energy efficient service composition mechanism using a hybrid meta-heuristic algorithm in a mobile cloud environment. <i>Journal of Parallel and Distributed Computing</i> , 2020 , 143, 77-87	4.4	14
69	Remote tracking of Parkinson's Disease progression using ensembles of Deep Belief Network and Self-Organizing Map. <i>Expert Systems With Applications</i> , 2020 , 159, 113562	7.8	24
68	A novel hybrid GWO with WOA for global numerical optimization and solving pressure vessel design. <i>Neural Computing and Applications</i> , 2020 , 32, 14701-14718	4.8	20
67	Coronary Heart Disease Diagnosis Through Self-Organizing Map and Fuzzy Support Vector Machine with Incremental Updates. <i>International Journal of Fuzzy Systems</i> , 2020 , 22, 1376-1388	3.6	25
66	Cat Swarm Optimization Algorithm: A Survey and Performance Evaluation. <i>Computational Intelligence and Neuroscience</i> , 2020 , 2020, 4854895	3	30
65	Improved Fitness-Dependent Optimizer Algorithm. <i>IEEE Access</i> , 2020 , 8, 19074-19088	3.5	15
64	Datasets on statistical analysis and performance evaluation of backtracking search optimisation algorithm compared with its counterpart algorithms. <i>Data in Brief</i> , 2020 , 28, 105046	1.2	35
63	Operational framework for recent advances in backtracking search optimisation algorithm: A systematic review and performance evaluation. <i>Applied Mathematics and Computation</i> , 2020 , 370, 124919	3.7	21
62	A Novel Visualization System of Using Augmented Reality in Knee Replacement Surgery: Enhanced Bidirectional Maximum CorrentropyAlgorithm. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2020 , e2154	2.9	
61	A Novel Solution of Using Mixed Reality in Bowel and Oral and Maxillofacial Surgical Telepresence: 3D Mean Value Cloning algorithm. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2020 , e2161	2.9	
60	An Improved Simulation Model for Pedestrian Crowd Evacuation. <i>Mathematics</i> , 2020 , 8, 2171	2.3	0
59	Should academic research be relevant and useful to practitioners? The contrasting difference between three applied disciplines. <i>Studies in Higher Education</i> , 2020 , 45, 129-144	2.6	9
58	Measuring sustainability through ecological sustainability and human sustainability: A machine learning approach. <i>Journal of Cleaner Production</i> , 2019 , 240, 118162	10.3	42

57	Fuzzy logic approach for infectious disease diagnosis: A methodical evaluation, literature and classification. <i>Biocybernetics and Biomedical Engineering</i> , 2019 , 39, 937-955	5.7	31
56	Updating ground conditions and time-cost scatter-gram in tunnels during excavation. <i>Automation in Construction</i> , 2019 , 105, 102822	9.6	15
55	A Systematic and Meta-Analysis Survey of Whale Optimization Algorithm. <i>Computational Intelligence and Neuroscience</i> , 2019 , 2019, 8718571	3	73
54	Donkey and smuggler optimization algorithm: A collaborative working approach to path finding. <i>Journal of Computational Design and Engineering</i> , 2019 , 6, 562-583	4.6	25
53	. <i>IEEE Access</i> , 2019 , 7, 43473-43486	3.5	96
52	A multi hidden recurrent neural network with a modified grey wolf optimizer. <i>PLoS ONE</i> , 2019 , 14, e0213237	3.7	24
51	Factors influencing medical tourism adoption in Malaysia: A DEMATEL-Fuzzy TOPSIS approach. <i>Computers and Industrial Engineering</i> , 2019 , 137, 106605	6.4	79
50	Revealing customers' satisfaction and preferences through online review analysis: The case of Canary Islands hotels. <i>Journal of Retailing and Consumer Services</i> , 2019 , 51, 331-343	8.5	65
49	An intelligent method for iris recognition using supervised machine learning techniques. <i>Optics and Laser Technology</i> , 2019 , 120, 105701	4.2	20
48	Investigating the effect of competitiveness power in estimating the average weighted price in electricity market. <i>Electricity Journal</i> , 2019 , 32, 106628	2.6	3
47	A Simulation Model for Pedestrian Crowd Evacuation Based on Various AI Techniques. <i>Revue D'intelligence Artificielle</i> , 2019 , 33, 283-292	2.1	5
46	A Study of The Convolutional Neural Networks Applications. <i>UKH Journal of Science and Engineering</i> , 2019 , 3, 31-40	0.2	6
45	Advanced Classification Techniques for Healthcare Analysis. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2019 ,	0.3	2
44	Dragonfly Algorithm and Its Applications in Applied Science Survey. <i>Computational Intelligence and Neuroscience</i> , 2019 , 2019, 9293617	3	47
43	A Comprehensive Study on Pedestrians' Evacuation. <i>International Journal of Recent Contributions From Engineering, Science & IT</i> , 2019 , 7, 38	0.7	2
42	An evaluation of Reber stemmer with longest match stemmer technique in Kurdish Sorani text classification. <i>Iran Journal of Computer Science</i> , 2018 , 1, 99-107	1.9	5
41	Evolutionary DNA Computing Algorithm for Job Scheduling Problem. <i>IETE Journal of Research</i> , 2018 , 64, 514-527	0.9	4
40	Kurdish stemmer pre-processing steps for improving information retrieval. <i>Journal of Information Science</i> , 2018 , 44, 15-27	2	6

39	A Virtualized Computer Network for Salahaddin University New Campus of HTTP Services Using OPNET Simulator. <i>Lecture Notes in Networks and Systems</i> , 2018 , 731-740	0.5	1
38	A Hybrid of Artificial Bee Colony, Genetic Algorithm, and Neural Network for Diabetic Mellitus Diagnosing. <i>ARO-the Scientific Journal of Koya University</i> , 2018 , 6, 55-64	1.4	16
37	Improving Kurdish Web Mining through Tree Data Structure and Porter's Stemmer Algorithms. <i>UKH Journal of Science and Engineering</i> , 2018 , 2, 48-54	0.2	2
36	Computer Network Simulation of Firewall and VoIP Performance Monitoring. <i>International Journal of Online Engineering</i> , 2018 , 14, 4		3
35	Automatic Kurdish Text Classification Using KDC 4007 Dataset. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2018 , 187-198	0.4	3
34	Using Accuracy Measure for Improving the Training of LSTM with Metaheuristic Algorithms. <i>Procedia Computer Science</i> , 2018 , 140, 324-333	1.6	16
33	Low Power Wide Area Networks: A Survey of Enabling Technologies, Applications and Interoperability Needs. <i>IEEE Access</i> , 2018 , 6, 77454-77473	3.5	80
32	A Modified Particle Swarm Optimization with Neural Network via Euclidean Distance. <i>International Journal of Recent Contributions From Engineering, Science & IT</i> , 2018 , 6, 4	0.7	2
31	A Systematic Web Mining Based Approach for Forecasting Terrorism. <i>Communications in Computer and Information Science</i> , 2017 , 284-295	0.3	
30	Convolutional Neural Networks based Method for Improving Facial Expression Recognition. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 73-84	0.4	9
29	Enhancement of Detecting Wicked Website Through Intelligent Methods. <i>Communications in Computer and Information Science</i> , 2016 , 358-368	0.3	2
28	Improvement on predicting employee behaviour through intelligent techniques. <i>IET Networks</i> , 2016 , 5, 136-142	2.8	1
27	Lecturer performance system using neural network with Particle Swarm Optimization. <i>Computer Applications in Engineering Education</i> , 2016 , 24, 629-638	1.6	13
26	An Intelligent Approach for Diabetes Classification, Prediction and Description. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 323-335	0.4	7
25	Decision Support System for Diabetes Mellitus through Machine Learning Techniques. <i>International Journal of Advanced Computer Science and Applications</i> , 2016 , 7,	1.7	6
24	A Robust Categorization System for Kurdish Sorani Text Documents. <i>Information Technology Journal</i> , 2016 , 16, 27-34	0.7	6
23	Kernel Visual Keyword Description for Object and Place Recognition. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 27-38	0.4	1
22	Lecturer Performance Analysis using Multiple Classifiers. <i>Journal of Computer Science</i> , 2016 , 12, 255-264	0.5	2

21	2015,			2
20	A new feature set with new window techniques for customer churn prediction in land-line telecommunications. <i>Expert Systems With Applications</i> , 2010 , 37, 3657-3665		7.8	29
19	Effects of Microbial, Botanical, and Synthetic Insecticides on 'Red Delicious' Apple Arthropods in Arkansas. <i>HortTechnology</i> , 2001 , 11, 615-621		1.3	5
18	A Novel Solution of an Enhanced Error and Loss Function using Deep Learning for Hypertension Classification in Traditional Medicine			
17	Optimizing bag-of-tasks scheduling on cloud data centers using hybrid swarm-intelligence meta-heuristic. <i>Journal of Supercomputing</i> ,1		2.5	1
16	Current Studies and Applications of Shuffled Frog Leaping Algorithm: A Review. <i>Archives of Computational Methods in Engineering</i> ,1		7.8	1
15	Artificial Flora Optimization Algorithm with Genetically Guided Operators for Feature Selection and Neural Network Training. <i>International Journal of Fuzzy Systems</i> ,1		3.6	0
14	A New Evolutionary Algorithm: Learner Performance Based Behavior Algorithm			3
13	Cat Swarm Optimization Algorithm - A Survey and Performance Evaluation			3
12	Cat Swarm Optimization Algorithm - A Survey and Performance Evaluation			8
11	A Survey on Dragonfly Algorithm and its Applications in Engineering			2
10	A Novel Hybrid GWO with WOA for Global Numerical Optimization and Solving Pressure Vessel Design			2
9	Dynamic Cat Swarm Optimization algorithm for backboard wiring problem. <i>Neural Computing and Applications</i> ,1		4.8	3
8	Formal context reduction in deriving concept hierarchies from corpora using adaptive evolutionary clustering algorithm star. <i>Complex & Intelligent Systems</i> ,1		7.1	18
7	Child Drawing Development Optimization Algorithm Based on Child's Cognitive Development. <i>Arabian Journal for Science and Engineering</i> ,1		2.5	4
6	A Review-Based Taxonomy for Secure Health Care Monitoring: Wireless Smart Cameras. <i>Journal of Applied Security Research</i> ,1-33		0.9	0
5	A survey on dragonfly algorithm and its applications in engineering. <i>Evolutionary Intelligence</i> ,1		1.7	1
4	Chaotic fitness-dependent optimizer for planning and engineering design. <i>Soft Computing</i> ,1		3.5	5

3	A novel solution of an elastic net regularisation for dementia knowledge discovery using deep learning. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> ,1-23	2	0
2	Mixed reality using illumination-aware gradient mixing in surgical telepresence: enhanced multi-layer visualization. <i>Multimedia Tools and Applications</i> ,1	2.5	
1	Deep learning neural networks for emotion classification from text: enhanced leaky rectified linear unit activation and weighted loss. <i>Multimedia Tools and Applications</i> ,1	2.5	0