

## List of Publications by Citations

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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.

167  
papers

5,721  
citations

47  
h-index

64  
g-index

171  
ext. papers

7,568  
ext. citations

4.2  
avg, IF

6.59  
L-index

#	Paper	IF	Citations
167	A review of smart home applications based on Internet of Things. <i>Journal of Network and Computer Applications</i> , <b>2017</b> , 97, 48-65	7.9	252
166	Evaluation and selection of open-source EMR software packages based on integrated AHP and TOPSIS. <i>Journal of Biomedical Informatics</i> , <b>2015</b> , 53, 390-404	10.2	113
165	Role of biological Data Mining and Machine Learning Techniques in Detecting and Diagnosing the Novel Coronavirus (COVID-19): A Systematic Review. <i>Journal of Medical Systems</i> , <b>2020</b> , 44, 122	5.1	113
164	Based Real Time Remote Health Monitoring Systems: A Review on Patients Prioritization and Related "Big Data" Using Body Sensors information and Communication Technology. <i>Journal of Medical Systems</i> , <b>2017</b> , 42, 30	5.1	111
163	Systematic review of artificial intelligence techniques in the detection and classification of COVID-19 medical images in terms of evaluation and benchmarking: Taxonomy analysis, challenges, future solutions and methodological aspects. <i>Journal of Infection and Public Health</i> , <b>2020</b> , 13, 1381-1396	7.4	102
162	Survey on fuzzy TOPSIS state-of-the-art between 2007 and 2017. <i>Computers and Operations Research</i> , <b>2019</b> , 104, 207-227	4.6	95
161	Systematic Review of Real-time Remote Health Monitoring System in Triage and Priority-Based Sensor Technology: Taxonomy, Open Challenges, Motivation and Recommendations. <i>Journal of Medical Systems</i> , <b>2018</b> , 42, 80	5.1	92
160	Sentiment analysis and its applications in fighting COVID-19 and infectious diseases: A systematic review. <i>Expert Systems With Applications</i> , <b>2021</b> , 167, 114155	7.8	92
159	Novel meta-heuristic bald eagle search optimisation algorithm. <i>Artificial Intelligence Review</i> , <b>2020</b> , 53, 2237-2264	9.7	91
158	Multi-criteria analysis for OS-EMR software selection problem: A comparative study. <i>Decision Support Systems</i> , <b>2015</b> , 78, 15-27	5.6	87
157	A Review on Systems-Based Sensory Gloves for Sign Language Recognition State of the Art between 2007 and 2017. <i>Sensors</i> , <b>2018</b> , 18,	3.8	85
156	On the Differences between Hiding Information and Cryptography Techniques: An Overview. <i>Journal of Applied Sciences</i> , <b>2010</b> , 10, 1650-1655	0.3	85
155	The landscape of research on smartphone medical apps: Coherent taxonomy, motivations, open challenges and recommendations. <i>Computer Methods and Programs in Biomedicine</i> , <b>2015</b> , 122, 393-408	6.9	84
154	Smart Home-based IoT for Real-time and Secure Remote Health Monitoring of Triage and Priority System using Body Sensors: Multi-driven Systematic Review. <i>Journal of Medical Systems</i> , <b>2019</b> , 43, 42	5.1	83
153	A Systematic Review for Enabling of Develop a Blockchain Technology in Healthcare Application: Taxonomy, Substantially Analysis, Motivations, Challenges, Recommendations and Future Direction. <i>Journal of Medical Systems</i> , <b>2019</b> , 43, 320	5.1	82
152	A survey on communication components for IoT-based technologies in smart homes. <i>Telecommunication Systems</i> , <b>2018</b> , 69, 1-25	2.3	72
151	Real-Time Fault-Tolerant mHealth System: Comprehensive Review of Healthcare Services, Opens Issues, Challenges and Methodological Aspects. <i>Journal of Medical Systems</i> , <b>2018</b> , 42, 137	5.1	71

150	Based on Real Time Remote Health Monitoring Systems: A New Approach for Prioritization "Large Scales Data" Patients with Chronic Heart Diseases Using Body Sensors and Communication Technology. <i>Journal of Medical Systems</i> , <b>2018</b> , 42, 69	5.1	70
149	Real-Time Remote Health-Monitoring Systems in a Medical Centre: A Review of the Provision of Healthcare Services-Based Body Sensor Information, Open Challenges and Methodological Aspects. <i>Journal of Medical Systems</i> , <b>2018</b> , 42, 164	5.1	70
148	Fault-Tolerant mHealth Framework in the Context of IoT-Based Real-Time Wearable Health Data Sensors. <i>IEEE Access</i> , <b>2019</b> , 7, 50052-50080	3.5	68
147	Novel Methodology for Triage and Prioritizing Using Big Data Patients with Chronic Heart Diseases Through Telemedicine Environmental. <i>International Journal of Information Technology and Decision Making</i> , <b>2017</b> , 16, 1211-1245	2.8	68
146	IoT-based telemedicine for disease prevention and health promotion: State-of-the-Art. <i>Journal of Network and Computer Applications</i> , <b>2021</b> , 173, 102873	7.9	67
145	Systematic Review of an Automated Multiclass Detection and Classification System for Acute Leukaemia in Terms of Evaluation and Benchmarking, Open Challenges, Issues and Methodological Aspects. <i>Journal of Medical Systems</i> , <b>2018</b> , 42, 204	5.1	66
144	Conceptual framework for the security of mobile health applications on Android platform. <i>Telematics and Informatics</i> , <b>2018</b> , 35, 1335-1354	8.1	61
143	A review on smartphone skin cancer diagnosis apps in evaluation and benchmarking: coherent taxonomy, open issues and recommendation pathway solution. <i>Health and Technology</i> , <b>2018</b> , 8, 223-238 <sup>2.1</sup>	2.1	60
142	Blockchain authentication of network applications: Taxonomy, classification, capabilities, open challenges, motivations, recommendations and future directions. <i>Computer Standards and Interfaces</i> , <b>2019</b> , 64, 41-60	3.5	60
141	. <i>IEEE Access</i> , <b>2019</b> , 7, 37269-37323	3.5	59
140	Hiding Data in Video File: An Overview. <i>Journal of Applied Sciences</i> , <b>2010</b> , 10, 1644-1649	0.3	59
139	Real-Time Remote-Health Monitoring Systems: a Review on Patients Prioritisation for Multiple-Chronic Diseases, Taxonomy Analysis, Concerns and Solution Procedure. <i>Journal of Medical Systems</i> , <b>2019</b> , 43, 223	5.1	58
138	A security framework for mHealth apps on Android platform. <i>Computers and Security</i> , <b>2018</b> , 75, 191-217	4.9	58
137	An Overview on Hiding Information Technique in Images. <i>Journal of Applied Sciences</i> , <b>2010</b> , 10, 2094-2100.	0.3	58
136	Electronic medical record systems: decision support examination framework for individual, security and privacy concerns using multi-perspective analysis. <i>Health and Technology</i> , <b>2020</b> , 10, 795-822	2.1	56
135	An evaluation and selection problems of OSS-LMS packages. <i>SpringerPlus</i> , <b>2016</b> , 5, 248		55
134	On the Capacity and Security of Steganography Approaches: An Overview. <i>Journal of Applied Sciences</i> , <b>2010</b> , 10, 1825-1833	0.3	55
133	Helping doctors hasten COVID-19 treatment: Towards a rescue framework for the transfusion of best convalescent plasma to the most critical patients based on biological requirements via ml and novel MCDM methods. <i>Computer Methods and Programs in Biomedicine</i> , <b>2020</b> , 196, 105617	6.9	54

132	Open source EMR software: profiling, insights and hands-on analysis. <i>Computer Methods and Programs in Biomedicine</i> , <b>2014</b> , 117, 360-82	6.9	53
131	A New Approach based on Multi-Dimensional Evaluation and Benchmarking for Data Hiding Techniques. <i>International Journal of Information Technology and Decision Making</i> , <b>2017</b> , 1-42	2.8	53
130	A methodology for football players selection problem based on multi-measurements criteria analysis. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2017</b> , 111, 38-50	4.6	53
129	A Novel Embedding Method to Increase Capacity and Robustness of Low-bit Encoding Audio Steganography Technique Using Noise Gate Software Logic Algorithm. <i>Journal of Applied Sciences</i> , <b>2009</b> , 10, 59-64	0.3	53
128	A review on intelligent process for smart home applications based on IoT: coherent taxonomy, motivation, open challenges, and recommendations. <i>Artificial Intelligence Review</i> , <b>2020</b> , 53, 141-165	9.7	53
127	Software and Hardware FPGA-Based Digital Watermarking and Steganography Approaches: Toward New Methodology for Evaluation and Benchmarking Using Multi-Criteria Decision-Making Techniques. <i>Journal of Circuits, Systems and Computers</i> , <b>2017</b> , 26, 1750116	0.9	52
126	A security framework for nationwide health information exchange based on telehealth strategy. <i>Journal of Medical Systems</i> , <b>2015</b> , 39, 51	5.1	52
125	Multi-Biological Laboratory Examination Framework for the Prioritization of Patients with COVID-19 Based on Integrated AHP and Group VIKOR Methods. <i>International Journal of Information Technology and Decision Making</i> , <b>2020</b> , 19, 1247-1269	2.8	51
124	Multiclass Benchmarking Framework for Automated Acute Leukaemia Detection and Classification Based on BWM and Group-VIKOR. <i>Journal of Medical Systems</i> , <b>2019</b> , 43, 212	5.1	50
123	Comparative study on the evaluation and benchmarking information hiding approaches based multi-measurement analysis using TOPSIS method with different normalisation, separation and context techniques. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2018</b> , 117, 277-294	4.6	50
122	A distributed framework for health information exchange using smartphone technologies. <i>Journal of Biomedical Informatics</i> , <b>2017</b> , 69, 230-250	10.2	49
121	Comprehensive insights into evaluation and benchmarking of real-time skin detectors: Review, open issues & challenges, and recommended solutions. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2018</b> , 114, 243-260	4.6	48
120	A review of disability EEG based wheelchair control system: Coherent taxonomy, open challenges and recommendations. <i>Computer Methods and Programs in Biomedicine</i> , <b>2018</b> , 164, 221-237	6.9	47
119	Impact of Data Privacy and Confidentiality on Developing Telemedicine Applications: A Review Participates Opinion and Expert Concerns. <i>International Journal of Pharmacology</i> , <b>2011</b> , 7, 382-387	0.7	47
118	A new digital watermarking evaluation and benchmarking methodology using an external group of evaluators and multi-criteria analysis based on large-scale data. <i>Software - Practice and Experience</i> , <b>2017</b> , 47, 1365-1392	2.5	45
117	Mobile-Based Patient Monitoring Systems: A Prioritisation Framework Using Multi-Criteria Decision-Making Techniques. <i>Journal of Medical Systems</i> , <b>2019</b> , 43, 219	5.1	45
116	Design and develop a video conferencing framework for real-time telemedicine applications using secure group-based communication architecture. <i>Journal of Medical Systems</i> , <b>2014</b> , 38, 133	5.1	45
115	Mobile Patient Monitoring Systems From a Benchmarking Aspect: Challenges, Open Issues and Recommended Solutions. <i>Journal of Medical Systems</i> , <b>2019</b> , 43, 207	5.1	44

114	Assessment and Ranking Framework for the English Skills of Pre-Service Teachers Based on Fuzzy Delphi and TOPSIS Methods. <i>IEEE Access</i> , <b>2019</b> , 7, 126201-126223	3.5	41
113	Comprehensive review and analysis of anti-malware apps for smartphones. <i>Telecommunication Systems</i> , <b>2019</b> , 72, 285-337	2.3	41
112	A Novel Multi-Perspective Benchmarking Framework for Selecting Image Dehazing Intelligent Algorithms Based on BWM and Group VIKOR Techniques. <i>International Journal of Information Technology and Decision Making</i> , <b>2020</b> , 19, 909-957	2.8	41
111	Challenges, alternatives, and paths to sustainability: better public health promotion using social networking pages as key tools. <i>Journal of Medical Systems</i> , <b>2015</b> , 39, 7	5.1	40
110	A review of the automated detection and classification of acute leukaemia: Coherent taxonomy, datasets, validation and performance measurements, motivation, open challenges and recommendations. <i>Computer Methods and Programs in Biomedicine</i> , <b>2018</b> , 158, 93-112	6.9	40
109	Suitability of Using SOAP Protocol to Secure Electronic Medical Record Databases Transmission. <i>International Journal of Pharmacology</i> , <b>2010</b> , 6, 959-964	0.7	40
108	Detection-based prioritisation: Framework of multi-laboratory characteristics for asymptomatic COVID-19 carriers based on integrated Entropy-TOPSIS methods. <i>Artificial Intelligence in Medicine</i> , <b>2021</b> , 111, 101983	7.4	40
107	An enhanced security solution for electronic medical records based on AES hybrid technique with SOAP/XML and SHA-1. <i>Journal of Medical Systems</i> , <b>2013</b> , 37, 9971	5.1	39
106	Novel technique for reorganisation of opinion order to interval levels for solving several instances representing prioritisation in patients with multiple chronic diseases. <i>Computer Methods and Programs in Biomedicine</i> , <b>2020</b> , 185, 105151	6.9	39
105	. <i>IEEE Access</i> , <b>2018</b> , 6, 73245-73264	3.5	39
104	Based blockchain-PSO-AES techniques in finger vein biometrics: A novel verification secure framework for patient authentication. <i>Computer Standards and Interfaces</i> , <b>2019</b> , 66, 103343	3.5	38
103	Meeting the security requirements of electronic medical records in the ERA of high-speed computing. <i>Journal of Medical Systems</i> , <b>2015</b> , 39, 165	5.1	38
102	Technique for order performance by similarity to ideal solution for solving complex situations in multi-criteria optimization of the tracking channels of GPS baseband telecommunication receivers. <i>Telecommunication Systems</i> , <b>2018</b> , 68, 425-443	2.3	38
101	Multi-Criteria Evaluation and Benchmarking for Active Queue Management Methods: Open Issues, Challenges and Recommended Pathway Solutions. <i>International Journal of Information Technology and Decision Making</i> , <b>2019</b> , 18, 1187-1242	2.8	37
100	High capacity, transparent and secure audio steganography model based on fractal coding and chaotic map in temporal domain. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 31487-31516	2.5	36
99	Medical emergency triage and patient prioritisation in a telemedicine environment: a systematic review. <i>Health and Technology</i> , <b>2019</b> , 9, 679-700	2.1	35
98	Sensor-Based mHealth Authentication for Real-Time Remote Healthcare Monitoring System: A Multilayer Systematic Review. <i>Journal of Medical Systems</i> , <b>2019</b> , 43, 33	5.1	35
97	Multi-agent learning neural network and Bayesian model for real-time IoT skin detectors: a new evaluation and benchmarking methodology. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 8315-8366	4.8	35

96	Real-Time Remote Health Monitoring Systems Using Body Sensor Information and Finger Vein Biometric Verification: A Multi-Layer Systematic Review. <i>Journal of Medical Systems</i> , <b>2018</b> , 42, 238	5.1	35
95	The rise of keyloggers on smartphones: A survey and insight into motion-based tap inference attacks. <i>Pervasive and Mobile Computing</i> , <b>2016</b> , 25, 1-25	3.5	33
94	Real-Time Medical Systems Based on Human Biometric Steganography: a Systematic Review. <i>Journal of Medical Systems</i> , <b>2018</b> , 42, 245	5.1	33
93	A Uniform Intelligent Prioritisation for Solving Diverse and Big Data Generated From Multiple Chronic Diseases Patients Based on Hybrid Decision-Making and Voting Method. <i>IEEE Access</i> , <b>2020</b> , 8, 91521-91530	3.5	32
92	A new standardisation and selection framework for real-time image dehazing algorithms from multi-foggy scenes based on fuzzy Delphi and hybrid multi-criteria decision analysis methods. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 1029-1054	4.8	32
91	Multi-Criteria Evaluation and Benchmarking for Young Learners English Language Mobile Applications in Terms of LSRW Skills. <i>IEEE Access</i> , <b>2019</b> , 7, 146620-146651	3.5	31
90	Secure Topology for Electronic Medical Record Transmissions. <i>International Journal of Pharmacology</i> , <b>2010</b> , 6, 954-958	0.7	31
89	Multidimensional benchmarking of the active queue management methods of network congestion control based on extension of fuzzy decision by opinion score method. <i>International Journal of Intelligent Systems</i> , <b>2021</b> , 36, 796-831	8.4	29
88	Fuzzy decision by opinion score method. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 96, 106595	7.5	28
87	MIRASS: medical informatics research activity support system using information mashup network. <i>Journal of Medical Systems</i> , <b>2014</b> , 38, 37	5.1	27
86	An Overview of Laser Principle, Laser-Tissue Interaction Mechanisms and Laser Safety Precautions for Medical Laser Users. <i>International Journal of Pharmacology</i> , <b>2011</b> , 7, 149-160	0.7	27
85	Telehealth utilization during the Covid-19 pandemic: A systematic review. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 138, 104878	7	27
84	Based Medical Systems for Patient's Authentication: Towards a New Verification Secure Framework Using CIA Standard. <i>Journal of Medical Systems</i> , <b>2019</b> , 43, 192	5.1	24
83	A Systematic Review for Human EEG Brain Signals Based Emotion Classification, Feature Extraction, Brain Condition, Group Comparison. <i>Journal of Medical Systems</i> , <b>2018</b> , 42, 162	5.1	24
82	How smart is e-tourism? A systematic review of smart tourism recommendation system applying data management. <i>Computer Science Review</i> , <b>2021</b> , 39, 100337	8.3	24
81	Multi-complex attributes analysis for optimum GPS baseband receiver tracking channels selection <b>2017</b> ,		23
80	Interval type 2 trapezoidal-fuzzy weighted with zero inconsistency combined with VIKOR for evaluating smart e-tourism applications. <i>International Journal of Intelligent Systems</i> , <b>2021</b> , 36, 4723-4774	8.4	23
79	On the multi-agent learning neural and Bayesian methods in skin detector and pornography classifier: An automated anti-pornography system. <i>Neurocomputing</i> , <b>2014</b> , 131, 397-418	5.4	22

78	Image skin segmentation based on multi-agent learning Bayesian and neural network. <i>Engineering Applications of Artificial Intelligence</i> , <b>2014</b> , 32, 136-150	7.2	22
77	Suitability of Using Symmetric Key to Secure Multimedia Data: An Overview. <i>Journal of Applied Sciences</i> , <b>2010</b> , 10, 1656-1661	0.3	22
76	Determining Importance of Many-Objective Optimisation Competitive Algorithms Evaluation Criteria Based on a Novel Fuzzy-Weighted Zero-Inconsistency Method. <i>International Journal of Information Technology and Decision Making</i> , 1-47	2.8	22
75	Real-time-based E-health systems: design and implementation of a lightweight key management protocol for securing sensitive information of patients. <i>Health and Technology</i> , <b>2019</b> , 9, 93-111	2.1	20
74	Convalescent-plasma-transfusion intelligent framework for rescuing COVID-19 patients across centralised/decentralised telemedicine hospitals based on AHP-group TOPSIS and matching component. <i>Applied Intelligence</i> , <b>2021</b> , 51, 1-32	4.9	20
73	Finger Vein Biometrics: Taxonomy Analysis, Open Challenges, Future Directions, and Recommended Solution for Decentralised Network Architectures. <i>IEEE Access</i> , <b>2020</b> , 8, 9821-9845	3.5	19
72	MOGSABAT: a metaheuristic hybrid algorithm for solving multi-objective optimisation problems. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 3101-3115	4.8	19
71	A Systematic Review on Smartphone Skin Cancer Apps: Coherent Taxonomy, Motivations, Open Challenges and Recommendations, and New Research Direction. <i>Journal of Circuits, Systems and Computers</i> , <b>2018</b> , 27, 1830003	0.9	18
70	mHealth Authentication Approach Based 3D Touchscreen and Microphone Sensors for Real-Time Remote Healthcare Monitoring System: Comprehensive Review, Open Issues and Methodological Aspects. <i>Computer Science Review</i> , <b>2020</b> , 38, 100300	8.3	18
69	A new algorithm of modified binary particle swarm optimization based on the Gustafson-Kessel for credit risk assessment. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 337-346	4.8	18
68	A new hybrid algorithm of simulated annealing and simplex downhill for solving multiple-objective aggregate production planning on fuzzy environment. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 1823-1834	4.8	18
67	Towards a unified criteria model for usability evaluation in the context of open source software based on a fuzzy Delphi method. <i>Information and Software Technology</i> , <b>2021</b> , 130, 106453	3.4	18
66	Based on T-spherical fuzzy environment: A combination of FWZIC and FDOSM for prioritising COVID-19 vaccine dose recipients. <i>Journal of Infection and Public Health</i> , <b>2021</b> , 14, 1513-1559	7.4	18
65	Challenges of Hidden Data in the Unused Area Two within Executable Files. <i>Journal of Computer Science</i> , <b>2009</b> , 5, 890-897	0.5	17
64	Review of intrusion detection systems based on deep learning techniques: coherent taxonomy, challenges, motivations, recommendations, substantial analysis and future directions. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 9827-9858	4.8	17
63	Integration of fuzzy-weighted zero-inconsistency and fuzzy decision by opinion score methods under a q-rung orthopair environment: A distribution case study of COVID-19 vaccine doses. <i>Computer Standards and Interfaces</i> , <b>2022</b> , 80, 103572	3.5	17
62	Robust Pornography Classification Solving the Image Size Variation Problem Based on Multi-Agent Learning. <i>Journal of Circuits, Systems and Computers</i> , <b>2015</b> , 24, 1550023	0.9	16
61	Suitability of adopting S/MIME and OpenPGP email messages protocol to secure electronic medical records <b>2013</b> ,		16

60	Based on wearable sensory device in 3D-printed humanoid: A new real-time sign language recognition system. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2021</b> , 168, 108431	4.6	16
59	Real-time framework for image dehazing based on linear transmission and constant-time airlight estimation. <i>Information Sciences</i> , <b>2018</b> , 436-437, 108-130	7.7	15
58	New Method of Image Steganography Based on Particle Swarm Optimization Algorithm in Spatial Domain for High Embedding Capacity. <i>IEEE Access</i> , <b>2019</b> , 7, 168994-169010	3.5	15
57	AN AUTOMATED ANTI-PORNOGRAPHY SYSTEM USING A SKIN DETECTOR BASED ON ARTIFICIAL INTELLIGENCE: A REVIEW. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , <b>2013</b> , 27, 1350012	1.1	15
56	Computerized Algorithm for Fetal Heart Rate Baseline and Baseline Variability Estimation based on Distance Between Signal Average and $\bar{y}$ value. <i>International Journal of Pharmacology</i> , <b>2011</b> , 7, 228-237	0.7	15
55	New Design for Information Hiding with in Steganography Using Distortion Techniques. <i>International Journal of Engineering and Technology</i> , <b>2010</b> , 2, 72-77	0	15
54	Investigate the Capability of Applying Hidden Data in Text File: An Overview. <i>Journal of Applied Sciences</i> , <b>2010</b> , 10, 1916-1922	0.3	14
53	Novel Triplex Procedure for Ranking the Ability of Software Engineering Students Based on Two levels of AHP and Group TOPSIS Techniques. <i>International Journal of Information Technology and Decision Making</i> , <b>2021</b> , 20, 67-135	2.8	14
52	A New System for Hiding Data within (Unused Area Two + Image Page) of Portable Executable File Using Statistical Technique and Advance Encryption Standard. <i>International Journal of Computer Theory and Engineering</i> , <b>2010</b> , 218-225	0.1	13
51	Review of the Research Landscape of Multi-Criteria Evaluation and Benchmarking Processes for Many-Objective Optimization Methods: Coherent Taxonomy, Challenges and Recommended Solution. <i>International Journal of Information Technology and Decision Making</i> , <b>2020</b> , 19, 1619-1693	2.8	13
50	Benchmarking of AQM methods of network congestion control based on extension of interval type-2 trapezoidal fuzzy decision by opinion score method. <i>Telecommunication Systems</i> , <b>2021</b> , 77, 493-523	2.3	13
49	New mHealth hospital selection framework supporting decentralised telemedicine architecture for outpatient cardiovascular disease-based integrated techniques: Haversine-GPS and AHP-VIKOR. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 1	3.7	13
48	A systematic review into the assessment of medical apps: motivations, challenges, recommendations and methodological aspect. <i>Health and Technology</i> , <b>2020</b> , 10, 1045-1061	2.1	12
47	A FOUR-PHASES METHODOLOGY TO PROPOSE ANTI-PORNOGRAPHY SYSTEM BASED ON NEURAL AND BAYESIAN METHODS OF ARTIFICIAL INTELLIGENCE. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , <b>2014</b> , 28, 1459001	1.1	12
46	New Technique of Hidden Data in PE-File with in Unused Area One. <i>International Journal of Computer and Electrical Engineering</i> , 642-650	0.1	12
45	Multidimensional Benchmarking Framework for AQMs of Network Congestion Control Based on AHP and Group-TOPSIS. <i>International Journal of Information Technology and Decision Making</i> , 1-38	2.8	12
44	Novel Roadside Unit Positioning Framework in the Context of the Vehicle-to-Infrastructure Communication System Based on AHP Entropy for Weighting and Borda VIKOR for Uniform Ranking. <i>International Journal of Information Technology and Decision Making</i> , 1-34	2.8	12
43	A proposed methodology of bringing past life in digital cultural heritage through crowd simulation: a case study in George Town, Malaysia. <i>Multimedia Tools and Applications</i> , <b>2020</b> , 79, 3387-3423	2.5	11

42	Development of IoT-based mhealth framework for various cases of heart disease patients. <i>Health and Technology</i> , <b>2021</b> , 11, 1013-1033	2.1	11
41	Novel dynamic fuzzy Decision-Making framework for COVID-19 vaccine dose recipients. <i>Journal of Advanced Research</i> , <b>2021</b> ,	13	11
40	Machine learning-based imputation soft computing approach for large missing scale and non-reference data imputation. <i>Chaos, Solitons and Fractals</i> , <b>2021</b> , 151, 111236	9.3	11
39	PSO-Blockchain-based image steganography: towards a new method to secure updating and sharing COVID-19 data in decentralised hospitals intelligence architecture. <i>Multimedia Tools and Applications</i> , <b>2021</b> , 80, 1-25	2.5	11
38	An Accurate Method to Obtain Bio-Metric Measurements for Three Dimensional Skull. <i>Journal of Applied Sciences</i> , <b>2010</b> , 10, 145-150	0.3	10
37	Rise of multiattribute decision-making in combating COVID-19: A systematic review of the state-of-the-art literature. <i>International Journal of Intelligent Systems</i> ,	8.4	10
36	. <i>IEEE Access</i> , <b>2019</b> , 7, 158349-158378	3.5	9
35	High Rate Video Streaming Steganography <b>2009</b> ,		9
34	Real-time sign language framework based on wearable device: analysis of MSL, DataGlove, and gesture recognition. <i>Soft Computing</i> , <b>2021</b> , 25, 11101-11122	3.5	9
33	A Review of Data Analysis for Early-Childhood Period: Taxonomy, Motivations, Challenges, Recommendation, and Methodological Aspects. <i>IEEE Access</i> , <b>2019</b> , 7, 51069-51103	3.5	9
32	Hybrid artificial neural network and structural equation modelling techniques: a survey. <i>Complex &amp; Intelligent Systems</i> , <b>2021</b> , 1-21	7.1	9
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