

Arun Kumar Sangaiah

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.

376
papers

9,838
citations

54
h-index

78
g-index

417
ext. papers

12,687
ext. citations

3.8
avg, IF

7.39
L-index

#	Paper	IF	Citations
376	ARHPE: Asymmetric Relation-aware Representation Learning for Head Pose Estimation in Industrial Human-machine Interaction. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	15
375	SCSTCF: Spatial-Channel Selection and Temporal Regularized Correlation Filters for visual tracking. <i>Applied Soft Computing Journal</i> , 2022 , 118, 108485	7.5	30
374	Stacked One-Class Broad Learning System for Intrusion Detection in Industry 4.0. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	1
373	On the performance evaluation of object classification models in low altitude aerial data.. <i>Journal of Supercomputing</i> , 2022 , 1-23	2.5	2
372	CL-MLSP: The design of a detection mechanism for sinkhole attacks in smart cities. <i>Microprocessors and Microsystems</i> , 2022 , 90, 104504	2.4	3
371	Enhancement of Unmanned Aerial Vehicle Image with Shadow Removal Based on Optimized Retinex Algorithm. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-9	1.9	1
370	A review on object detection in unmanned aerial vehicle surveillance. <i>International Journal of Cognitive Computing in Engineering</i> , 2021 , 2, 215-215	1.1	1
369	Energy-Aware Geographic Routing for Real-Time Workforce Monitoring in Industrial Informatics. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9753-9762	10.7	19
368	Lightweight authentication protocol for e-health clouds in IoT-based applications through 5G technology. <i>Digital Communications and Networks</i> , 2021 , 7, 235-244	5.9	12
367	Mobility Based Trust Evaluation for Heterogeneous Electric Vehicles Network in Smart Cities. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 1797-1806	6.1	51
366	Cognitive decision engine based on binary particles swarm optimization with non-linear decreasing inertia weight. <i>Concurrency Computation Practice and Experience</i> , 2021 , 33, e4975	1.4	
365	Manual versus automated qualitative usability assessment of interactive systems. <i>Concurrency Computation Practice and Experience</i> , 2021 , 33, e5091	1.4	2
364	Predictive model for hardware calibration to transmit real-time applications in VoIP networks. <i>Concurrency Computation Practice and Experience</i> , 2021 , 33, e5190	1.4	0
363	Nature-inspired cost optimisation for enterprise cloud systems using joint allocation of resources. <i>Enterprise Information Systems</i> , 2021 , 15, 174-196	3.5	9
362	System Design of Cloud Search Engine Based on Rich Text Content. <i>Mobile Networks and Applications</i> , 2021 , 26, 459-472	2.9	1
361	Clustering based on whale optimization algorithm for IoT over wireless nodes. <i>Soft Computing</i> , 2021 , 25, 5663-5682	3.5	9
360	Fusion of Fuzzy Multi-Criteria Decision Making Approaches for Discriminating Risk with Relate to Software Project Performance 2021 , 346-373		

359	Application of computational intelligence models in IoMT big data for heart disease diagnosis in personalized health care 2021 , 177-206		
358	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5319-5328	6.1	15
357	Cloud-based IoMT framework for cardiovascular disease prediction and diagnosis in personalized E-health care 2021 , 105-145		
356	Appropriate Feature Set and Window Parameters Selection for Efficient Motion Intent Characterization towards Intelligently Smart EMG-PR System. <i>Symmetry</i> , 2020 , 12, 1710	2.7	4
355	Big Data-Driven Cognitive Computing System for Optimization of Social Media Analytics. <i>IEEE Access</i> , 2020 , 8, 82215-82226	3.5	25
354	Cognitive IoT system with intelligence techniques in sustainable computing environment. <i>Computer Communications</i> , 2020 , 154, 347-360	5.1	11
353	Attention-Based Adaptive Memory Network for Recommendation With Review and Rating. <i>IEEE Access</i> , 2020 , 8, 113953-113966	3.5	4
352	A real-time and ubiquitous network attack detection based on deep belief network and support vector machine. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020 , 7, 790-799	7	46
351	Blockchain-Enabled Distributed Security Framework for Next-Generation IoT: An Edge Cloud and Software-Defined Network-Integrated Approach. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 6143-6149	10.7	48
350	Multi-Attribute Group Decision Making Based on Multigranulation Probabilistic Models with Interval-Valued Neutrosophic Information. <i>Mathematics</i> , 2020 , 8, 223	2.3	6
349	IoT Resource Allocation and Optimization Based on Heuristic Algorithm. <i>Sensors</i> , 2020 , 20,	3.8	63
348	Internet of health things-driven deep learning system for detection and classification of cervical cells using transfer learning. <i>Journal of Supercomputing</i> , 2020 , 76, 8590-8608	2.5	51
347	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4218-4227	10.7	54
346	. <i>IEEE Access</i> , 2020 , 8, 15747-15767	3.5	26
345	. <i>IEEE Network</i> , 2020 , 34, 22-29	11.4	16
344	Seam-Carved Image Tampering Detection Based on the Cooccurrence of Adjacent LBPs. <i>Security and Communication Networks</i> , 2020 , 2020, 1-12	1.9	13
343	Pulmonary Nodule Detection Based on ISODATA-Improved Faster RCNN and 3D-CNN with Focal Loss. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2020 , 16, 1-9	3.4	1
342	Power-Management Strategies for Medical Information Transmission in Wireless Body Sensor Networks. <i>IEEE Consumer Electronics Magazine</i> , 2020 , 9, 47-51	3.2	15

341	Arrhythmia identification and classification using wavelet centered methodology in ECG signals. <i>Concurrency Computation Practice and Experience</i> , 2020 , 32, e5553	1.4	7
340	Multi-Fault Bearing Classification Using Sensors and ConvNet-Based Transfer Learning Approach. <i>IEEE Sensors Journal</i> , 2020 , 20, 1433-1444	4	23
339	New public auditing protocol based on homomorphic tags for secure cloud storage. <i>Concurrency Computation Practice and Experience</i> , 2020 , 32, e5600	1.4	3
338	A co-occurrence matrix based masquerade detection method in in-vehicle network. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , e3858	1.9	
337	An intelligent learning approach for improving ECG signal classification and arrhythmia analysis. <i>Artificial Intelligence in Medicine</i> , 2020 , 103, 101788	7.4	41
336	Neutrosophic fusion of rough set theory: An overview. <i>Computers in Industry</i> , 2020 , 115, 103117	11.6	19
335	Cognitive Science and Artificial Intelligence for Human Cognition and Communication. <i>IEEE Consumer Electronics Magazine</i> , 2020 , 9, 72-73	3.2	5
334	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3322-3329	11.9	74
333	Graph Learning-Based Ontology Sparse Vector Computing. <i>Symmetry</i> , 2020 , 12, 1562	2.7	2
332	Improved publicly verifiable auditing protocol for cloud storage. <i>Concurrency Computation Practice and Experience</i> , 2020 , e6049	1.4	0
331	Diagnosis of heart diseases by a secure Internet of Health Things system based on Autoencoder Deep Neural Network. <i>Computer Communications</i> , 2020 , 162, 31-50	5.1	21
330	Multi-level framework for anomaly detection in social networking. <i>Library Hi Tech</i> , 2020 , 38, 350-366	1.5	5
329	Comprehensive Analysis of Deep Learning Methodology in Classification of Leukocytes and Enhancement Using Swish Activation Units. <i>Mobile Networks and Applications</i> , 2020 , 25, 2302-2320	2.9	4
328	A novel domain adaption approach for neural machine translation. <i>International Journal of Computational Science and Engineering</i> , 2020 , 22, 445	0.4	0
327	A hybrid collaborative filtering recommendation algorithm: integrating content information and matrix factorisation. <i>International Journal of Grid and Utility Computing</i> , 2020 , 11, 367	1.1	3
326	Applied Identification of Industry Data Science Using an Advanced Multi-Componential Discretization Model. <i>Symmetry</i> , 2020 , 12, 1620	2.7	1
325	An intelligent location recommender system utilising multi-agent induced cognitive behavioural model. <i>Enterprise Information Systems</i> , 2020 , 1-19	3.5	2
324	Genetic algorithm-based cost minimization pricing model for on-demand IaaS cloud service. <i>Journal of Supercomputing</i> , 2020 , 76, 1536-1561	2.5	8

323	Secure sustainable storage auditing protocol (SSSAP) with efficient key updates for cloud computing. <i>Sustainable Computing: Informatics and Systems</i> , 2020 , 28, 100237	3	
322	Secure Automated Forensic Investigation for Sustainable Critical Infrastructures Compliant with Green Computing Requirements. <i>IEEE Transactions on Sustainable Computing</i> , 2020 , 5, 174-191	3.5	25
321	Multi-modal Bayesian embedding for point-of-interest recommendation on location-based cyber-physical-social networks. <i>Future Generation Computer Systems</i> , 2020 , 108, 1119-1128	7.5	20
320	Human behavior characterization for driving style recognition in vehicle system. <i>Computers and Electrical Engineering</i> , 2020 , 83, 102504	4.3	47
319	Single image super resolution for texture images through neighbor embedding. <i>Multimedia Tools and Applications</i> , 2020 , 79, 8337-8366	2.5	2
318	Raspberry Pi assisted face recognition framework for enhanced law-enforcement services in smart cities. <i>Future Generation Computer Systems</i> , 2020 , 108, 995-1007	7.5	78
317	A short-term traffic prediction model in the vehicular cyber-physical systems. <i>Future Generation Computer Systems</i> , 2020 , 105, 894-903	7.5	33
316	Twitter spam account detection based on clustering and classification methods. <i>Journal of Supercomputing</i> , 2020 , 76, 4802-4837	2.5	21
315	Human Emotion Recognition Using an EEG Cloud Computing Platform. <i>Mobile Networks and Applications</i> , 2020 , 25, 1023-1032	2.9	7
314	Alcoholism identification via convolutional neural network based on parametric ReLU, dropout, and batch normalization. <i>Neural Computing and Applications</i> , 2020 , 32, 665-680	4.8	90
313	Video transcoding scheme of multimedia data-hiding for multiform resources based on intra-cloud. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 11, 1809-1819	3.7	3
312	Unsupervised deep learning system for local anomaly event detection in crowded scenes. <i>Multimedia Tools and Applications</i> , 2020 , 79, 35275-35295	2.5	11
311	Energy-Efficient and Trustworthy Data Collection Protocol Based on Mobile Fog Computing in Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3531-3539	11.9	63
310	Recurrent neural network with attention mechanism for language model. <i>Neural Computing and Applications</i> , 2020 , 32, 7915-7923	4.8	10
309	Robust optimization and mixed-integer linear programming model for LNG supply chain planning problem. <i>Soft Computing</i> , 2020 , 24, 7885-7905	3.5	43
308	Intelligent sentiment analysis approach using edge computing-based deep learning technique. <i>Software - Practice and Experience</i> , 2020 , 50, 645-657	2.5	15
307	An enhancement of task scheduling in cloud computing based on imperialist competitive algorithm and firefly algorithm. <i>Journal of Supercomputing</i> , 2020 , 76, 6302-6329	2.5	31
306	MALDC: a depth detection method for malware based on behavior chains. <i>World Wide Web</i> , 2020 , 23, 991-1010	2.9	6

305	UAV based wilt detection system via convolutional neural networks. <i>Sustainable Computing: Informatics and Systems</i> , 2020 , 28, 100250	3	28
304	Sentiment analysis: a review and comparative analysis over social media. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 11, 97-117	3.7	16
303	Detecting seam carved images using uniform local binary patterns. <i>Multimedia Tools and Applications</i> , 2020 , 79, 8415-8430	2.5	17
302	A Channel-Aware Duty Cycle Optimization for Node-to-Node Communications in the Internet of Medical Things. <i>International Journal of Parallel Programming</i> , 2020 , 48, 264-279	1.5	1
301	A Novel Artificial Bee Colony Optimization Algorithm with SVM for Bio-inspired Software-Defined Networking. <i>International Journal of Parallel Programming</i> , 2020 , 48, 310-328	1.5	10
300	Spatial and semantic convolutional features for robust visual object tracking. <i>Multimedia Tools and Applications</i> , 2020 , 79, 15095-15115	2.5	105
299	Deep feature learning for histopathological image classification of canine mammary tumors and human breast cancer. <i>Information Sciences</i> , 2020 , 508, 405-421	7.7	80
298	ABFL: An autoencoder based practical approach for software fault localization. <i>Information Sciences</i> , 2020 , 510, 108-121	7.7	9
297	Ransomware classification using patch-based CNN and self-attention network on embedded N-grams of opcodes. <i>Future Generation Computer Systems</i> , 2020 , 110, 708-720	7.5	20
296	Lightweight deep network for traffic sign classification. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2020 , 75, 369-379	2	99
295	A novel quality-of-service-aware web services composition using biogeography-based optimization algorithm. <i>Soft Computing</i> , 2020 , 24, 8125-8137	3.5	15
294	Storage and access optimization scheme based on correlation probabilities in the internet of vehicles. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2020 , 24, 221-236	3.2	1
293	Big Data Cleaning Based on Mobile Edge Computing in Industrial Sensor-Cloud. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1321-1329	11.9	97
292	ELPKG: A High-Accuracy Link Prediction Approach for Knowledge Graph Completion. <i>Symmetry</i> , 2019 , 11, 1096	2.7	4
291	Towards Supporting Security and Privacy for Social IoT Applications: A Network Virtualization Perspective. <i>Security and Communication Networks</i> , 2019 , 2019, 1-15	1.9	2
290	Cognitive data science methods and models for engineering applications. <i>Soft Computing</i> , 2019 , 23, 9045-9048	3.9	4
289	A privacy protection-oriented parallel fully homomorphic encryption algorithm in cyber physical systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2019 , 2019,	3.2	15
288	Medical Information Security for Wearable Body Sensor Networks in Smart Healthcare. <i>IEEE Consumer Electronics Magazine</i> , 2019 , 8, 37-41	3.2	17

287	Tabu search based on exact approach for protecting hubs against jamming attacks. <i>Computers and Electrical Engineering</i> , 2019 , 79, 106459	4.3	5
286	SCGR: Self-configuring greedy routing for minimizing routing interrupts in vehicular communication networks. <i>Internet of Things (Netherlands)</i> , 2019 , 8, 100108	6.9	4
285	A joint resource-aware and medical data security framework for wearable healthcare systems. <i>Future Generation Computer Systems</i> , 2019 , 95, 382-391	7.5	74
284	A distributed node deployment algorithm for underwater wireless sensor networks based on virtual forces. <i>Journal of Systems Architecture</i> , 2019 , 97, 9-19	5.5	23
283	Beamforming aided SSK modulation for MIMO system with energy harvesting. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 36, 4017-4023	1.6	3
282	Identity Management and Access Control Based on Blockchain under Edge Computing for the Industrial Internet of Things. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2058	2.6	40
281	A new approach for mobile robot localization based on an online IoT system. <i>Future Generation Computer Systems</i> , 2019 , 100, 859-881	7.5	15
280	An Affinity Propagation-Based Self-Adaptive Clustering Method for Wireless Sensor Networks. <i>Sensors</i> , 2019 , 19,	3.8	83
279	Machine learning on big data for future computing. <i>Journal of Supercomputing</i> , 2019 , 75, 2925-2929	2.5	5
278	Analysis and Prediction of Water Quality Using LSTM Deep Neural Networks in IoT Environment. <i>Sustainability</i> , 2019 , 11, 2058	3.6	79
277	Predictive modelling of building energy consumption based on a hybrid nature-inspired optimization algorithm. <i>Energy and Buildings</i> , 2019 , 196, 83-93	7	23
276	Travel Route Planning with Optimal Coverage in Difficult Wireless Sensor Network Environment. <i>Sensors</i> , 2019 , 19,	3.8	10
275	A Hybrid Unequal Clustering Based on Density with Energy Conservation in Wireless Nodes. <i>Sustainability</i> , 2019 , 11, 746	3.6	4
274	An intelligent data gathering schema with data fusion supported for mobile sink in wireless sensor networks. <i>International Journal of Distributed Sensor Networks</i> , 2019 , 15, 155014771983958	1.7	99
273	MonLink: Piggyback Status Monitoring over LLDP in Software-Defined Energy Internet. <i>Energies</i> , 2019 , 12, 1147	3.1	2
272	A Hybrid Method for Mobile Agent Moving Trajectory Scheduling using ACO and PSO in WSNs. <i>Sensors</i> , 2019 , 19,	3.8	21
271	Towards Semantic Sensor Data: An Ontology Approach. <i>Sensors</i> , 2019 , 19,	3.8	13
270	Obstacle avoidance of mobile robots using modified artificial potential field algorithm. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2019 , 2019,	3.2	51

269	Aspect based sentiment analysis by a linguistically regularized CNN with gated mechanism. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 36, 3971-3980	1.6	52
268	Energy Efficient Routing Algorithm with Mobile Sink Support for Wireless Sensor Networks. <i>Sensors</i> , 2019 , 19,	3.8	92
267	A Deep Temporal Neural Music Recommendation Model Utilizing Music and User Metadata. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 703	2.6	9
266	Image caption generation with high-level image features. <i>Pattern Recognition Letters</i> , 2019 , 123, 89-95	4.7	25
265	. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4189-4196	11.9	149
264	A New Meta-Heuristic Algorithm for Solving the Flexible Dynamic Job-Shop Problem with Parallel Machines. <i>Symmetry</i> , 2019 , 11, 165	2.7	24
263	An Improved Routing Schema with Special Clustering Using PSO Algorithm for Heterogeneous Wireless Sensor Network. <i>Sensors</i> , 2019 , 19,	3.8	122
262	CSP-E2: An abuse-free contract signing protocol with low-storage TTP for energy-efficient electronic transaction ecosystems. <i>Information Sciences</i> , 2019 , 476, 505-515	7.7	38
261	Multimodal data modeling for efficiency assessment of social priority based urban bus route transportation system using GIS and data envelopment analysis. <i>Multimedia Tools and Applications</i> , 2019 , 78, 23897-23915	2.5	4
260	Energy-Aware Fault-Tolerant Dynamic Task Scheduling Scheme for Virtualized Cloud Data Centers. <i>Mobile Networks and Applications</i> , 2019 , 24, 1063-1077	2.9	20
259	An efficient computerized decision support system for the analysis and 3D visualization of brain tumor. <i>Multimedia Tools and Applications</i> , 2019 , 78, 12723-12748	2.5	10
258	Classification of ransomware families with machine learning based onN-gram of opcodes. <i>Future Generation Computer Systems</i> , 2019 , 90, 211-221	7.5	84
257	Identifying ambient service location problems and its application using a humanized computing model. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 10, 2345-2359	3.7	1
256	Partially shaded sketch-based image search in real mobile device environments via sketch-oriented compact neural codes. <i>Journal of Real-Time Image Processing</i> , 2019 , 16, 227-240	1.9	2
255	Lip biometric template security framework using spatial steganography. <i>Pattern Recognition Letters</i> , 2019 , 126, 102-110	4.7	16
254	Improved publicly verifiable group sum evaluation over outsourced data streams in IoT setting. <i>Computing (Vienna/New York)</i> , 2019 , 101, 773-790	2.2	8
253	A study for project risk management using an advanced MCDM-based DEMATEL-ANP approach. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 10, 2669-2681	3.7	19
252	Raspberry Pi assisted facial expression recognition framework for smart security in law-enforcement services. <i>Information Sciences</i> , 2019 , 479, 416-431	7.7	40

251	UAV-enabled friendly jamming scheme to secure industrial Internet of Things. <i>Journal of Communications and Networks</i> , 2019 , 21, 481-490	4.1	10
250	An Efficient Biography-Based Optimization Algorithm to Solve the Location Routing Problem With Intermediate Depots for Multiple Perishable Products 2019 , 189-205		
249	Research on Defensive Strategy of Real-Time Price Attack Based on Multiperson Zero-Determinant. <i>Security and Communication Networks</i> , 2019 , 2019, 1-13	1.9	22
248	Detection of Tampering by Image Resizing Using Local Tchebichef Moments. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3007	2.6	1
247	Image Super-Resolution Algorithm Based on Dual-Channel Convolutional Neural Networks. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2316	2.6	24
246	DGA Domain Name Classification Method Based on Long Short-Term Memory with Attention Mechanism. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4205	2.6	21
245	A Novel Time Constraint-Based Approach for Knowledge Graph Conflict Resolution. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4399	2.6	1
244	An empower hamilton loop based data collection algorithm with mobile agent for WSNs. <i>Human-centric Computing and Information Sciences</i> , 2019 , 9,	5.4	89
243	Securing Cryptographic Chips against Scan-Based Attacks in Wireless Sensor Network Applications. <i>Sensors</i> , 2019 , 19,	3.8	2
242	An Energy-Efficient Off-Loading Scheme for Low Latency in Collaborative Edge Computing. <i>IEEE Access</i> , 2019 , 7, 149182-149190	3.5	23
241	A review on intrusion detection approaches in cloud security systems. <i>International Journal of Grid and Utility Computing</i> , 2019 , 10, 361	1.1	3
240	Distant Supervised Relation Extraction with Cost-Sensitive Loss. <i>Computers, Materials and Continua</i> , 2019 , 60, 1251-1261	3.9	4
239	Investment Climate Factors with Reference to Firm Performance in Bangladesh 2019 , 413-428		
238	Special Issue on Intelligent Edge Computing for Cyber Physical and Cloud Systems. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2019 , 10, 1-4	8	21
237	A modified nature inspired meta-heuristic whale optimization algorithm for solving 0/1 knapsack problem. <i>International Journal of Machine Learning and Cybernetics</i> , 2019 , 10, 495-514	3.8	38
236	An ECG Signal De-Noising Approach Based on Wavelet Energy and Sub-Band Smoothing Filter. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4968	2.6	15
235	Energy Consumption in Point-Coverage Wireless Sensor Networks via Bat Algorithm. <i>IEEE Access</i> , 2019 , 7, 180258-180269	3.5	67
234	EdgeLaaS: Edge Learning as a Service for Knowledge-Centric Connected Healthcare. <i>IEEE Network</i> , 2019 , 33, 37-43	11.4	20

233	Pareto-optimal cost optimization for large scale cloud systems using joint allocation of resources. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 1	3.7	6
232	An Ameliorative Hybrid Algorithm for Solving the Capacitated Vehicle Routing Problem. <i>IEEE Access</i> , 2019 , 7, 175454-175465	3.5	12
231	Hybrid Reasoning-based Privacy-Aware Disease Prediction Support System. <i>Computers and Electrical Engineering</i> , 2019 , 73, 114-127	4.3	34
230	A fast genetic algorithm for a critical protection problem in biomedical supply chain networks. <i>Applied Soft Computing Journal</i> , 2019 , 75, 162-179	7.5	11
229	A multi-objective invasive weed optimization algorithm for robust aggregate production planning under uncertain seasonal demand. <i>Computing (Vienna/New York)</i> , 2019 , 101, 499-529	2.2	52
228	Multi-objective multi-mode resource constrained project scheduling problem using Pareto-based algorithms. <i>Computing (Vienna/New York)</i> , 2019 , 101, 547-570	2.2	40
227	Scale Aware Deep Pedestrian Detection. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , 30, e3522	1.9	2
226	Fog computing enabled cost-effective distributed summarization of surveillance videos for smart cities. <i>Journal of Parallel and Distributed Computing</i> , 2019 , 126, 161-170	4.4	31
225	Mobile edge computing based QoS optimization in medical healthcare applications. <i>International Journal of Information Management</i> , 2019 , 45, 308-318	16.4	76
224	Data augmentation on mice liver cirrhosis microscopic images employing convolutional neural networks and support vector machine. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 10, 4023-4032	3.7	8
223	An optimized hardware calibration technique for transmission of real-time applications in VoIP network. <i>Multimedia Tools and Applications</i> , 2019 , 78, 5537-5570	2.5	4
222	SMSAD: a framework for spam message and spam account detection. <i>Multimedia Tools and Applications</i> , 2019 , 78, 3925-3960	2.5	17
221	Android malware detection based on system call sequences and LSTM. <i>Multimedia Tools and Applications</i> , 2019 , 78, 3979-3999	2.5	83
220	Feature-based Compositing Memory Networks for Aspect-based Sentiment Classification in Social Internet of Things. <i>Future Generation Computer Systems</i> , 2019 , 92, 879-888	7.5	23
219	Enhancing 4G Co-existence with Wi-Fi/IoT using cognitive radio. <i>Cluster Computing</i> , 2019 , 22, 11295-11305	2.5	3
218	A provably secure and anonymous message authentication scheme for smart grids. <i>Journal of Parallel and Distributed Computing</i> , 2019 , 132, 242-249	4.4	39
217	Iris feature extraction through wavelet mel-frequency cepstrum coefficients. <i>Optics and Laser Technology</i> , 2019 , 110, 13-23	4.2	16
216	Secure CLS and CL-AS schemes designed for VANETs. <i>Journal of Supercomputing</i> , 2019 , 75, 3076-3098	2.5	44

215	An improved Levy based whale optimization algorithm for bandwidth-efficient virtual machine placement in cloud computing environment. <i>Cluster Computing</i> , 2019 , 22, 8319-8334	2.1	44
214	An improved ant colony optimization for the multi-trip Capacitated Arc Routing Problem. <i>Computers and Electrical Engineering</i> , 2019 , 77, 457-470	4.3	56
213	SIGMM: A Novel Machine Learning Algorithm for Spammer Identification in Industrial Mobile Cloud Computing. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 2349-2359	11.9	49
212	Green media-aware medical IoT system. <i>Multimedia Tools and Applications</i> , 2019 , 78, 3045-3064	2.5	26
211	Arabic text clustering using improved clustering algorithms with dimensionality reduction. <i>Cluster Computing</i> , 2019 , 22, 4535-4549	2.1	19
210	CNN-based anti-spoofing two-tier multi-factor authentication system. <i>Pattern Recognition Letters</i> , 2019 , 126, 123-131	4.7	55
209	Extended Genetic Algorithm for solving open-shop scheduling problem. <i>Soft Computing</i> , 2019 , 23, 5099-5116	5.16	94
208	The impact of the hybrid platform of internet of things and cloud computing on healthcare systems: opportunities, challenges, and open problems. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 10, 4151-4166	3.7	180
207	Face expression recognition system based on ripplelet transform type II and least square SVM. <i>Multimedia Tools and Applications</i> , 2019 , 78, 4789-4812	2.5	20
206	Krill herd algorithm based on cuckoo search for solving engineering optimization problems. <i>Multimedia Tools and Applications</i> , 2019 , 78, 3861-3884	2.5	24
205	Integration of fuzzy DEMATEL and FMCDM approach for evaluating knowledge transfer effectiveness with reference to GSD project outcome. <i>International Journal of Machine Learning and Cybernetics</i> , 2018 , 9, 225-241	3.8	21
204	Publicly Verifiable 1-norm and 2-norm Operations over Outsourced Data Stream Under Single-Key Setting. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2018 , 462-469	0.4	1
203	Efficient algorithm for traffic engineering in Cloud-of-Things and edge computing. <i>Computers and Electrical Engineering</i> , 2018 , 69, 610-627	4.3	9
202	. <i>IEEE Access</i> , 2018 , 6, 5511-5520	3.5	6
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18	Towards Identifying the Knowledge Codification Effects on the Factors Affecting Knowledge Transfer Effectiveness in the Context of GSD Project Outcome. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 611-620	0.4	2

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13	An Early Warning System to Prevent Human Elephant Conflict and Tracking of Elephant Using Seismic Sensors. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 595-602	0.4	5
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