

Arun Kumar Sangaiah

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.

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	A three-factor anonymous authentication scheme for wireless sensor networks in internet of things environments. <i>Journal of Network and Computer Applications</i> , 2018 , 103, 194-204	7.9	190
375	An integrated decision support system based on ANN and Fuzzy_AHP for heart failure risk prediction. <i>Expert Systems With Applications</i> , 2017 , 68, 163-172	7.8	190
374	Anonymous mutual authentication and key agreement scheme for wearable sensors in wireless body area networks. <i>Computer Networks</i> , 2017 , 129, 429-443	5.4	181
373	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
372	A hybrid model of Internet of Things and cloud computing to manage big data in health services applications. <i>Future Generation Computer Systems</i> , 2018 , 86, 1383-1394	7.5	175
371	. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4189-4196	11.9	149
370	Secure and Robust Fragile Watermarking Scheme for Medical Images. <i>IEEE Access</i> , 2018 , 6, 10269-10278	3.5	141
369	An elliptic curve cryptography based lightweight authentication scheme for smart grid communication. <i>Future Generation Computer Systems</i> , 2018 , 81, 557-565	7.5	141
368	A lightweight and robust two-factor authentication scheme for personalized healthcare systems using wireless medical sensor networks. <i>Future Generation Computer Systems</i> , 2018 , 82, 727-737	7.5	124
367	An Improved Routing Schema with Special Clustering Using PSO Algorithm for Heterogeneous Wireless Sensor Network. <i>Sensors</i> , 2019 , 19,	3.8	122
366	Supplier selection using fuzzy AHP and TOPSIS: a case study in the Indian automotive industry. <i>Neural Computing and Applications</i> , 2018 , 29, 555-564	4.8	111
365	Deep Learning and Superpixel Feature Extraction Based on Contractive Autoencoder for Change Detection in SAR Images. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 5530-5538	11.9	109
364	Spatial and semantic convolutional features for robust visual object tracking. <i>Multimedia Tools and Applications</i> , 2020 , 79, 15095-15115	2.5	105
363	Adaptive Communication Protocols in Flying Ad Hoc Network 2018 , 56, 136-142		102
362	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
361	Lightweight deep network for traffic sign classification. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2020 , 75, 369-379	2	99
360	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

359	Survey on clustering in heterogeneous and homogeneous wireless sensor networks. <i>Journal of Supercomputing</i> , 2018 , 74, 277-323	2.5	96
358	Pattern recognition of electromyography signals based on novel time domain features for amputees' limb motion classification. <i>Computers and Electrical Engineering</i> , 2018 , 67, 646-655	4.3	95
357	Extended Genetic Algorithm for solving open-shop scheduling problem. <i>Soft Computing</i> , 2019 , 23, 5099-5116	5.1	94
356	Energy Efficient Routing Algorithm with Mobile Sink Support for Wireless Sensor Networks. <i>Sensors</i> , 2019 , 19,	3.8	92
355	Medical JPEG image steganography based on preserving inter-block dependencies. <i>Computers and Electrical Engineering</i> , 2018 , 67, 320-329	4.3	91
354	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
353	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
352	Optimization of signal quality over comfortability of textile electrodes for ECG monitoring in fog computing based medical applications. <i>Future Generation Computer Systems</i> , 2018 , 86, 515-526	7.5	88
351	Classification of ransomware families with machine learning based on N-gram of opcodes. <i>Future Generation Computer Systems</i> , 2019 , 90, 211-221	7.5	84
350	A Robust Time Synchronization Scheme for Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3570-3580	11.9	84
349	An Affinity Propagation-Based Self-Adaptive Clustering Method for Wireless Sensor Networks. <i>Sensors</i> , 2019 , 19,	3.8	83
348	Android malware detection based on system call sequences and LSTM. <i>Multimedia Tools and Applications</i> , 2019 , 78, 3979-3999	2.5	83
347	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
346	Analysis and Prediction of Water Quality Using LSTM Deep Neural Networks in IoT Environment. <i>Sustainability</i> , 2019 , 11, 2058	3.6	79
345	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
344	Mobile edge computing based QoS optimization in medical healthcare applications. <i>International Journal of Information Management</i> , 2019 , 45, 308-318	16.4	76
343	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
342	Convergence of IoT and product lifecycle management in medical health care. <i>Future Generation Computer Systems</i> , 2018 , 86, 380-391	7.5	74

341	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3322-3329	11.9	74
340	Smart grid load forecasting using online support vector regression. <i>Computers and Electrical Engineering</i> , 2018 , 65, 102-117	4.3	69
339	Energy Consumption in Point-Coverage Wireless Sensor Networks via Bat Algorithm. <i>IEEE Access</i> , 2019 , 7, 180258-180269	3.5	67
338	An integrated fuzzy DEMATEL, TOPSIS, and ELECTRE approach for evaluating knowledge transfer effectiveness with reference to GSD project outcome. <i>Neural Computing and Applications</i> , 2017 , 28, 111-123	4.8	64
337	IoT Resource Allocation and Optimization Based on Heuristic Algorithm. <i>Sensors</i> , 2020 , 20,	3.8	63
336	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
335	Towards an efficient risk assessment in software projects Fuzzy reinforcement paradigm. <i>Computers and Electrical Engineering</i> , 2018 , 71, 833-846	4.3	63
334	An Energy-Efficient Algorithm for Wearable Electrocardiogram Signal Processing in Ubiquitous Healthcare Applications. <i>Sensors</i> , 2018 , 18,	3.8	62
333	A certificateless aggregate signature scheme for healthcare wireless sensor network. <i>Sustainable Computing: Informatics and Systems</i> , 2018 , 18, 80-89	3	60
332	A Survey on software-defined networking in vehicular ad hoc networks: Challenges, applications and use cases. <i>Sustainable Cities and Society</i> , 2017 , 35, 830-840	10.1	60
331	Incentive Mechanism of Data Storage Based on Blockchain for Wireless Sensor Networks. <i>Mobile Information Systems</i> , 2018 , 2018, 1-10	1.4	58
330	Medical image classification based on multi-scale non-negative sparse coding. <i>Artificial Intelligence in Medicine</i> , 2017 , 83, 44-51	7.4	56
329	Configuring a Trusted Cloud Service Model for Smart City Exploration Using Hybrid Intelligence. <i>International Journal of Ambient Computing and Intelligence</i> , 2017 , 8, 1-21	2.7	56
328	A Robust Features-Based Person Tracker for Overhead Views in Industrial Environment. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 1598-1605	10.7	56
327	Sensitivity Analysis of an Attack-Pattern Discovery Based Trusted Routing Scheme for Mobile Ad-Hoc Networks in Industrial IoT. <i>IEEE Access</i> , 2018 , 6, 20085-20103	3.5	56
326	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
325	CNN-based anti-spoofing two-tier multi-factor authentication system. <i>Pattern Recognition Letters</i> , 2019 , 126, 123-131	4.7	55
324	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4218-4227	10.7	54

323	The utility based non-linear fuzzy AHP optimization model for network selection in heterogeneous wireless networks. <i>Applied Soft Computing Journal</i> , 2018 , 67, 800-811	7.5	54
322	An ANFIS approach for evaluation of team-level service climate in GSD projects using Taguchi-genetic learning algorithm. <i>Applied Soft Computing Journal</i> , 2015 , 30, 628-635	7.5	53
321	Deep detection network for real-life traffic sign in vehicular networks. <i>Computer Networks</i> , 2018 , 136, 95-104	5.4	53
320	A Hybrid Genetic Algorithm for Multi-Trip Green Capacitated Arc Routing Problem in the Scope of Urban Services. <i>Sustainability</i> , 2018 , 10, 1366	3.6	53
319	Object Tracking in Vary Lighting Conditions for Fog Based Intelligent Surveillance of Public Spaces. <i>IEEE Access</i> , 2018 , 6, 29283-29296	3.5	53
318	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
317	An adaptive large neighborhood search heuristic for dynamic vehicle routing problems. <i>Computers and Electrical Engineering</i> , 2018 , 67, 596-607	4.3	52
316	Pairing based anonymous and secure key agreement protocol for smart grid edge computing infrastructure. <i>Future Generation Computer Systems</i> , 2018 , 88, 491-500	7.5	52
315	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
314	Meta-heuristic framework: Quantum inspired binary grey wolf optimizer for unit commitment problem. <i>Computers and Electrical Engineering</i> , 2018 , 70, 243-260	4.3	52
313	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
312	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
311	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
310	Health of Things Algorithms for Malignancy Level Classification of Lung Nodules. <i>IEEE Access</i> , 2018 , 6, 18592-18601	3.5	50
309	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
308	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
307	New cubic reference table based image steganography. <i>Multimedia Tools and Applications</i> , 2018 , 77, 10033-10050	2.5	48
306	Neutrosophic AHP-Delphi Group decision making model based on trapezoidal neutrosophic numbers. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018 , 9, 1427-1443	3.7	48

305	Human behavior characterization for driving style recognition in vehicle system. <i>Computers and Electrical Engineering</i> , 2020 , 83, 102504	4.3	47
304	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
303	Performance evaluation of IoT middleware. <i>Journal of Network and Computer Applications</i> , 2018 , 109, 53-65	7.9	46
302	A Lifetime-Enhanced Data Collecting Scheme for the Internet of Things 2017 , 55, 132-137		46
301	A combined fuzzy DEMATEL and fuzzy TOPSIS approach for evaluating GSD project outcome factors. <i>Neural Computing and Applications</i> , 2015 , 26, 1025-1040	4.8	44
300	Community-Aware Data Propagation with Small World Feature for Internet of Vehicles 2018 , 56, 86-91		44
299	Secure CLS and CL-AS schemes designed for VANETs. <i>Journal of Supercomputing</i> , 2019 , 75, 3076-3098	2.5	44
298	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
297	Adaptive context aware decision computing paradigm for intensive health care delivery in smart cities: A case analysis. <i>Sustainable Cities and Society</i> , 2018 , 41, 919-924	10.1	43
296	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
295	Feature and Intensity Based Medical Image Registration Using Particle Swarm Optimization. <i>Journal of Medical Systems</i> , 2017 , 41, 197	5.1	42
294	An intelligent learning approach for improving ECG signal classification and arrhythmia analysis. <i>Artificial Intelligence in Medicine</i> , 2020 , 103, 101788	7.4	41
293	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
292	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
291	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
290	Visual attention feature (VAF) : A novel strategy for visual tracking based on cloud platform in intelligent surveillance systems. <i>Journal of Parallel and Distributed Computing</i> , 2018 , 120, 182-194	4.4	40
289	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
288	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

287	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
286	Hybrid Reasoning-based Privacy-Aware Disease Prediction Support System. <i>Computers and Electrical Engineering</i> , 2019 , 73, 114-127	4.3	34
285	A short-term traffic prediction model in the vehicular cyberphysical systems. <i>Future Generation Computer Systems</i> , 2020 , 105, 894-903	7.5	33
284	A novel group decision-making model based on triangular neutrosophic numbers. <i>Soft Computing</i> , 2018 , 22, 6629-6643	3.5	33
283	Search space-based multi-objective optimization evolutionary algorithm. <i>Computers and Electrical Engineering</i> , 2017 , 58, 126-143	4.3	32
282	Medical images fusion by using weighted least squares filter and sparse representation. <i>Computers and Electrical Engineering</i> , 2018 , 67, 252-266	4.3	32
281	A congestion avoidance game for information exchange on intersections in heterogeneous vehicular networks. <i>Journal of Network and Computer Applications</i> , 2017 , 85, 116-126	7.9	31
280	An intelligent healthcare system for detection and classification to discriminate vocal fold disorders. <i>Future Generation Computer Systems</i> , 2018 , 85, 19-28	7.5	31
279	A unified face identification and resolution scheme using cloud computing in Internet of Things. <i>Future Generation Computer Systems</i> , 2018 , 81, 582-592	7.5	31
278	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
277	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
276	IoT-Based Wireless Polysomnography Intelligent System for Sleep Monitoring. <i>IEEE Access</i> , 2018 , 6, 405-414	3.5	30
275	Root Exploit Detection and Features Optimization: Mobile Device and Blockchain Based Medical Data Management. <i>Journal of Medical Systems</i> , 2018 , 42, 112	5.1	30
274	SCSTCF: Spatial-Channel Selection and Temporal Regularized Correlation Filters for visual tracking. <i>Applied Soft Computing Journal</i> , 2022 , 118, 108485	7.5	30
273	A Reliability-Aware Approach for Resource Efficient Virtual Network Function Deployment. <i>IEEE Access</i> , 2018 , 6, 18238-18250	3.5	29
272	A novel sentiment aware dictionary for multi-domain sentiment classification. <i>Computers and Electrical Engineering</i> , 2018 , 69, 585-597	4.3	29
271	ESCAPE: Effective Scalable Clustering Approach for Parallel Execution of Continuous Position-Based Queries in Position Monitoring Applications. <i>IEEE Transactions on Sustainable Computing</i> , 2017 , 2, 49-61	3.5	28
270	CenLocShare: A centralized privacy-preserving location-sharing system for mobile online social networks. <i>Future Generation Computer Systems</i> , 2018 , 86, 863-872	7.5	28

269	An intelligent decision computing paradigm for crowd monitoring in the smart city. <i>Journal of Parallel and Distributed Computing</i> , 2018 , 118, 344-358	4.4	28
268	UAV based wilt detection system via convolutional neural networks. <i>Sustainable Computing: Informatics and Systems</i> , 2020 , 28, 100250	3	28
267	A Study of Green Development Mode and Total Factor Productivity of the Food Industry Based on the Industrial Internet of Things 2018 , 56, 72-78		28
266	A Hesitant Fuzzy Based Security Approach for Fog and Mobile-Edge Computing. <i>IEEE Access</i> , 2018 , 6, 688-701	3.5	27
265	Energy-Efficient Device-to-Device Edge Computing Network: An Approach Offloading Both Traffic and Computation. <i>IEEE Communications Magazine</i> , 2018 , 56, 96-102	9.1	27
264	. <i>IEEE Access</i> , 2020 , 8, 15747-15767	3.5	26
263	5G-Based Transmission Power Control Mechanism in Fog Computing for Internet of Things Devices. <i>Sustainability</i> , 2018 , 10, 1258	3.6	26
262	Green media-aware medical IoT system. <i>Multimedia Tools and Applications</i> , 2019 , 78, 3045-3064	2.5	26
261	Fuzzy vault-based biometric security method for tele-health monitoring systems. <i>Computers and Electrical Engineering</i> , 2018 , 71, 546-557	4.3	26
260	Image caption generation with high-level image features. <i>Pattern Recognition Letters</i> , 2019 , 123, 89-95	4.7	25
259	Big Data-Driven Cognitive Computing System for Optimization of Social Media Analytics. <i>IEEE Access</i> , 2020 , 8, 82215-82226	3.5	25
258	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
257	Guided dynamic particle swarm optimization for optimizing digital image watermarking in industry applications. <i>Future Generation Computer Systems</i> , 2018 , 88, 92-106	7.5	25
256	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
255	An Approach to EEG Based Emotion Recognition and Classification Using Kernel Density Estimation. <i>Procedia Computer Science</i> , 2015 , 48, 574-581	1.6	24
254	A novel mutual authentication scheme with formal proof for smart healthcare systems under global mobility networks notion. <i>Computers and Electrical Engineering</i> , 2018 , 68, 107-118	4.3	24
253	Automatic histologically-closer classification of skin lesions. <i>Computerized Medical Imaging and Graphics</i> , 2018 , 68, 40-54	7.6	24
252	Image Super-Resolution Algorithm Based on Dual-Channel Convolutional Neural Networks. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2316	2.6	24

251	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
250	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
249	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
248	An Energy-Efficient Off-Loading Scheme for Low Latency in Collaborative Edge Computing. <i>IEEE Access</i> , 2019 , 7, 149182-149190	3.5	23
247	Multi-Fault Bearing Classification Using Sensors and ConvNet-Based Transfer Learning Approach. <i>IEEE Sensors Journal</i> , 2020 , 20, 1433-1444	4	23
246	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
245	Clickbait Convolutional Neural Network. <i>Symmetry</i> , 2018 , 10, 138	2.7	23
244	A Novel Whale Optimization Algorithm for Cryptanalysis in Merkle-Hellman Cryptosystem. <i>Mobile Networks and Applications</i> , 2018 , 23, 723-733	2.9	22
243	Privacy-preserving image retrieval for mobile devices with deep features on the cloud. <i>Computer Communications</i> , 2018 , 127, 75-85	5.1	22
242	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
241	EPuL: An Enhanced Positive-Unlabeled Learning Algorithm for the Prediction of Pupylation Sites. <i>Molecules</i> , 2017 , 22,	4.8	22
240	A Hybrid Method for Mobile Agent Moving Trajectory Scheduling using ACO and PSO in WSNs. <i>Sensors</i> , 2019 , 19,	3.8	21
239	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
238	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
237	Latency estimation based on traffic density for video streaming in the internet of vehicles. <i>Computer Communications</i> , 2017 , 111, 176-186	5.1	21
236	An adaptive neuro-fuzzy approach to evaluation of team-level service climate in GSD projects. <i>Neural Computing and Applications</i> , 2014 , 25, 573-583	4.8	21
235	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
234	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

233	Twitter spam account detection based on clustering and classification methods. <i>Journal of Supercomputing</i> , 2020 , 76, 4802-4837	2.5	21
232	A modified flower pollination algorithm for the multidimensional knapsack problem: human-centric decision making. <i>Soft Computing</i> , 2018 , 22, 4221-4239	3.5	21
231	Nucleosome Positioning With Fractal Entropy Increment of Diversity in Telemedicine. <i>IEEE Access</i> , 2018 , 6, 33451-33459	3.5	20
230	TRSDL: Tag-Aware Recommender System Based on Deep Learning Intelligent Computing Systems. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 799	2.6	20
229	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
228	EdgeLaaS: Edge Learning as a Service for Knowledge-Centric Connected Healthcare. <i>IEEE Network</i> , 2019 , 33, 37-43	11.4	20
227	Face expression recognition system based on ripple transform type II and least square SVM. <i>Multimedia Tools and Applications</i> , 2019 , 78, 4789-4812	2.5	20
226	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
225	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
224	. <i>IEEE Consumer Electronics Magazine</i> , 2018 , 7, 38-44	3.2	20
223	Energy-Efficient Tracking and Localization of Objects in Wireless Sensor Networks. <i>IEEE Access</i> , 2018 , 6, 17165-17177	3.5	19
222	Group Sparse Representation Approach for Recognition of Cattle on Muzzle Point Images. <i>International Journal of Parallel Programming</i> , 2018 , 46, 812-837	1.5	19
221	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
220	An efficient authentication and key agreement scheme with user anonymity for roaming service in smart city. <i>Personal and Ubiquitous Computing</i> , 2017 , 21, 791-805	2.1	19
219	Multi-objective scheduling of MapReduce jobs in big data processing. <i>Multimedia Tools and Applications</i> , 2018 , 77, 9979-9994	2.5	19
218	Neutrosophic fusion of rough set theory: An overview. <i>Computers in Industry</i> , 2020 , 115, 103117	11.6	19
217	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
216	Arabic text clustering using improved clustering algorithms with dimensionality reduction. <i>Cluster Computing</i> , 2019 , 22, 4535-4549	2.1	19

215	A Q-Learning-Based Approach for Deploying Dynamic Service Function Chains. <i>Symmetry</i> , 2018 , 10, 646	2.7	19
214	Systematic Comparison of Power Line Classification Methods from ALS and MLS Point Cloud Data. <i>Remote Sensing</i> , 2018 , 10, 1222	5	19
213	A privacy-preserving friend recommendation scheme in online social networks. <i>Sustainable Cities and Society</i> , 2018 , 38, 275-285	10.1	18
212	Bio-inspired computational paradigm for feature investigation and malware detection: interactive analytics. <i>Multimedia Tools and Applications</i> , 2018 , 77, 17519-17555	2.5	18
211	Balancing User Profile and Social Network Structure for Anchor Link Inferring Across Multiple Online Social Networks. <i>IEEE Access</i> , 2017 , 5, 12031-12040	3.5	18
210	Constrained Random Routing Mechanism for Source Privacy Protection in WSNs. <i>IEEE Access</i> , 2017 , 5, 23171-23181	3.5	18
209	A fuzzy DEMATEL approach based on intuitionistic fuzzy information for evaluating knowledge transfer effectiveness in GSD projects. <i>International Journal of Innovative Computing and Applications</i> , 2015 , 6, 203	0.4	18
208	Medical Information Security for Wearable Body Sensor Networks in Smart Healthcare. <i>IEEE Consumer Electronics Magazine</i> , 2019 , 8, 37-41	3.2	17
207	SIRSE: A secure identity recognition scheme based on electroencephalogram data with multi-factor feature. <i>Computers and Electrical Engineering</i> , 2018 , 65, 310-321	4.3	17
206	Verifiable keyword search over encrypted cloud data in smart city. <i>Computers and Electrical Engineering</i> , 2018 , 65, 90-101	4.3	17
205	SMSAD: a framework for spam message and spam account detection. <i>Multimedia Tools and Applications</i> , 2019 , 78, 3925-3960	2.5	17
204	Detecting seam carved images using uniform local binary patterns. <i>Multimedia Tools and Applications</i> , 2020 , 79, 8415-8430	2.5	17
203	. <i>IEEE Network</i> , 2020 , 34, 22-29	11.4	16
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