

Athanasios V Vasilakos

List of Publications by Year in descending order

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Version: 2024-02-01

656
papers

43,160
citations

1371

108
h-index

3407

183
g-index

676
all docs

676
docs citations

676
times ranked

30587
citing authors

#	ARTICLE	IF	CITATIONS
1	Body Area Networks: A Survey. Mobile Networks and Applications, 2011, 16, 171-193.	3.3	1,068
2	Security of the Internet of Things: perspectives and challenges. Wireless Networks, 2014, 20, 2481-2501.	3.0	973
3	A survey of millimeter wave communications (mmWave) for 5G: opportunities and challenges. Wireless Networks, 2015, 21, 2657-2676.	3.0	972
4	A survey on trust management for Internet of Things. Journal of Network and Computer Applications, 2014, 42, 120-134.	9.1	909
5	Machine learning on big data: Opportunities and challenges. Neurocomputing, 2017, 237, 350-361.	5.9	631
6	A survey on the ietf protocol suite for the internet of things: standards, challenges, and opportunities. IEEE Wireless Communications, 2013, 20, 91-98.	9.0	629
7	Security in cloud computing: Opportunities and challenges. Information Sciences, 2015, 305, 357-383.	6.9	557
8	Full duplex techniques for 5G networks: self-interference cancellation, protocol design, and relay selection. , 2015, 53, 128-137.		546
9	Big data analytics: a survey. Journal of Big Data, 2015, 2, .	11.0	527
10	A Survey on Ambient Intelligence in Healthcare. Proceedings of the IEEE, 2013, 101, 2470-2494.	21.3	512
11	Molecular Communication and Networking: Opportunities and Challenges. IEEE Transactions on Nanobioscience, 2012, 11, 135-148.	3.3	497
12	The Future of Healthcare Internet of Things: A Survey of Emerging Technologies. IEEE Communications Surveys and Tutorials, 2020, 22, 1121-1167.	39.4	475
13	Security and Privacy for Cloud-Based IoT: Challenges. , 2017, 55, 26-33.		458
14	Full-Duplex Wireless Communications: Challenges, Solutions, and Future Research Directions. Proceedings of the IEEE, 2016, 104, 1369-1409.	21.3	443
15	The role of big data analytics in Internet of Things. Computer Networks, 2017, 129, 459-471.	5.1	439
16	IoT-Based Big Data Storage Systems in Cloud Computing: Perspectives and Challenges. IEEE Internet of Things Journal, 2017, 4, 75-87.	8.7	427
17	Security and privacy for storage and computation in cloud computing. Information Sciences, 2014, 258, 371-386.	6.9	405
18	False Data Injection on State Estimation in Power Systems”Attacks, Impacts, and Defense: A Survey. IEEE Transactions on Industrial Informatics, 2017, 13, 411-423.	11.3	403

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19	EDAL: An Energy-Efficient, Delay-Aware, and Lifetime-Balancing Data Collection Protocol for Heterogeneous Wireless Sensor Networks. IEEE/ACM Transactions on Networking, 2015, 23, 810-823.	3.8	394
20	A review of industrial wireless networks in the context of Industry 4.0. Wireless Networks, 2017, 23, 23-41.	3.0	391
21	A game-theoretic method of fair resource allocation for cloud computing services. Journal of Supercomputing, 2010, 54, 252-269.	3.6	381
22	Brain computer interface: control signals review. Neurocomputing, 2017, 223, 26-44.	5.9	374
23	Software-Defined Industrial Internet of Things in the Context of Industry 4.0. IEEE Sensors Journal, 2016, , 1-1.	4.7	351
24	Enhancing smart grid with microgrids: Challenges and opportunities. Renewable and Sustainable Energy Reviews, 2017, 72, 205-214.	16.4	343
25	Data Mining for the Internet of Things: Literature Review and Challenges. International Journal of Distributed Sensor Networks, 2015, 11, 431047.	2.2	338
26	A Manufacturing Big Data Solution for Active Preventive Maintenance. IEEE Transactions on Industrial Informatics, 2017, 13, 2039-2047.	11.3	324
27	Fog Computing for Sustainable Smart Cities. ACM Computing Surveys, 2018, 50, 1-43.	23.0	321
28	Mobile Cloud Computing: A Survey, State of Art and Future Directions. Mobile Networks and Applications, 2014, 19, 133-143.	3.3	315
29	BSeln: A blockchain-based secure mutual authentication with fine-grained access control system for industry 4.0. Journal of Network and Computer Applications, 2018, 116, 42-52.	9.1	313
30	Web services composition: A decade's overview. Information Sciences, 2014, 280, 218-238.	6.9	306
31	TRAC: Truthful auction for location-aware collaborative sensing in mobile crowdsourcing. , 2014, , .		301
32	Routing Metrics of Cognitive Radio Networks: A Survey. IEEE Communications Surveys and Tutorials, 2014, 16, 92-109.	39.4	292
33	A Survey on Topology Control in Wireless Sensor Networks: Taxonomy, Comparative Study, and Open Issues. Proceedings of the IEEE, 2013, 101, 2538-2557.	21.3	290
34	Small-world human brain networks: Perspectives and challenges. Neuroscience and Biobehavioral Reviews, 2017, 77, 286-300.	6.1	285
35	Big data: From beginning to future. International Journal of Information Management, 2016, 36, 1231-1247.	17.5	282
36	Directional routing and scheduling for green vehicular delay tolerant networks. Wireless Networks, 2013, 19, 161-173.	3.0	278

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37	Software-Defined Networking for Internet of Things: A Survey. IEEE Internet of Things Journal, 2017, 4, 1994-2008.	8.7	269
38	An adaptive geometry-based stochastic model for non-isotropic MIMO mobile-to-mobile channels. IEEE Transactions on Wireless Communications, 2009, 8, 4824-4835.	9.2	267
39	A Survey of Green Mobile Networks: Opportunities and Challenges. Mobile Networks and Applications, 2012, 17, 4-20.	3.3	265
40	When things matter: A survey on data-centric internet of things. Journal of Network and Computer Applications, 2016, 64, 137-153.	9.1	261
41	Compressed data aggregation for energy efficient wireless sensor networks. , 2011, , .		260
42	A Survey on Service-Oriented Network Virtualization Toward Convergence of Networking and Cloud Computing. IEEE Transactions on Network and Service Management, 2012, 9, 373-392.	4.9	253
43	Information-centric networking for the internet of things: challenges and opportunities. IEEE Network, 2016, 30, 92-100.	6.9	246
44	<i>CDC</i>: Compressive Data Collection for Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2188-2197.	5.6	227
45	A Survey of Security Challenges in Cognitive Radio Networks: Solutions and Future Research Directions. Proceedings of the IEEE, 2012, 100, 3172-3186.	21.3	226
46	Software-Defined and Virtualized Future Mobile and Wireless Networks: A Survey. Mobile Networks and Applications, 2015, 20, 4-18.	3.3	219
47	Design and Analysis of Secure Lightweight Remote User Authentication and Key Agreement Scheme in Internet of Drones Deployment. IEEE Internet of Things Journal, 2019, 6, 3572-3584.	8.7	218
48	Managing Performance Overhead of Virtual Machines in Cloud Computing: A Survey, State of the Art, and Future Directions. Proceedings of the IEEE, 2014, 102, 11-31.	21.3	215
49	Future Internet of Things: open issues and challenges. Wireless Networks, 2014, 20, 2201-2217.	3.0	214
50	Understanding user behavior in online social networks: a survey. , 2013, 51, 144-150.		213
51	Routing for disruption tolerant networks: taxonomy and design. Wireless Networks, 2010, 16, 2349-2370.	3.0	210
52	Vehicular Communications: Survey and Challenges of Channel and Propagation Models. IEEE Vehicular Technology Magazine, 2015, 10, 55-66.	3.4	203
53	Molecular Communication Among Biological Nanomachines: A Layered Architecture and Research Issues. IEEE Transactions on Nanobioscience, 2014, 13, 169-197.	3.3	202
54	Information centric network: Research challenges and opportunities. Journal of Network and Computer Applications, 2015, 52, 1-10.	9.1	202

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55	Security and privacy challenges in mobile cloud computing: Survey and way ahead. Journal of Network and Computer Applications, 2017, 84, 38-54.	9.1	202
56	Flooding-limited and multi-constrained QoS multicast routing based on the genetic algorithm for MANETs. Mathematical and Computer Modelling, 2011, 53, 2238-2250.	2.0	200
57	ECC-Cryptography and Authentication in Body Area Networks. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 1070-1078.	3.2	200
58	Mobile Crowd Sensing for Traffic Prediction in Internet of Vehicles. Sensors, 2016, 16, 88.	3.8	200
59	Interference-Based Topology Control Algorithm for Delay-Constrained Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2015, 14, 742-754.	5.8	196
60	The Sensable City: A Survey on the Deployment and Management for Smart City Monitoring. IEEE Communications Surveys and Tutorials, 2019, 21, 1533-1560.	39.4	196
61	Accelerated PSO Swarm Search Feature Selection for Data Stream Mining Big Data. IEEE Transactions on Services Computing, 2016, 9, 33-45.	4.6	192
62	Prediction-based data aggregation in wireless sensor networks: Combining grey model and Kalman Filter. Computer Communications, 2011, 34, 793-802.	5.1	182
63	ReTrust: Attack-Resistant and Lightweight Trust Management for Medical Sensor Networks. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 623-632.	3.2	181
64	Approximating Congestion + Dilation in Networks via "Quality of Routing” Games. IEEE Transactions on Computers, 2012, 61, 1270-1283.	3.4	181
65	Algorithm design for data communications in duty-cycled wireless sensor networks: A survey. , 2013, 51, 107-113.		179
66	Energy Big Data Analytics and Security: Challenges and Opportunities. IEEE Transactions on Smart Grid, 2016, 7, 2423-2436.	9.0	172
67	An efficient ECC-based provably secure three-factor user authentication and key agreement protocol for wireless healthcare sensor networks. Computers and Electrical Engineering, 2018, 69, 534-554.	4.8	171
68	Design of secure key management and user authentication scheme for fog computing services. Future Generation Computer Systems, 2019, 91, 475-492.	7.5	170
69	LAM-CIoT: Lightweight authentication mechanism in cloud-based IoT environment. Journal of Network and Computer Applications, 2020, 150, 102496.	9.1	169
70	On Distributed and Coordinated Resource Allocation for Interference Mitigation in Self-Organizing LTE Networks. IEEE/ACM Transactions on Networking, 2013, 21, 1145-1158.	3.8	168
71	Gradient-driven parking navigation using a continuous information potential field based on wireless sensor network. Information Sciences, 2017, 408, 100-114.	6.9	166
72	Power Minimization Based Resource Allocation for Interference Mitigation in OFDMA Femtocell Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 333-344.	14.0	164

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73	EPCBIR: An efficient and privacy-preserving content-based image retrieval scheme in cloud computing. Information Sciences, 2017, 387, 195-204.	6.9	163
74	Biometrics-Based Privacy-Preserving User Authentication Scheme for Cloud-Based Industrial Internet of Things Deployment. IEEE Internet of Things Journal, 2018, 5, 4900-4913.	8.7	159
75	Comparative analysis of quality of service and memory usage for adaptive failure detectors in healthcare systems. IEEE Journal on Selected Areas in Communications, 2009, 27, 495-509.	14.0	157
76	Reliable Multicast with Pipelined Network Coding Using Opportunistic Feeding and Routing. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3264-3273.	5.6	155
77	On the Partially Overlapped Channel Assignment on Wireless Mesh Network Backbone: A Game Theoretic Approach. IEEE Journal on Selected Areas in Communications, 2012, 30, 119-127.	14.0	154
78	Spatial Reusability-Aware Routing in Multi-Hop Wireless Networks. IEEE Transactions on Computers, 2016, 65, 244-255.	3.4	154
79	Secure Biometric-Based Authentication Scheme Using Chebyshev Chaotic Map for Multi-Server Environment. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 824-839.	5.4	154
80	Distributed Media Services in P2P-Based Vehicular Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 692-703.	6.3	153
81	A survey of wireless technologies coexistence in WBAN: analysis and open research issues. Wireless Networks, 2014, 20, 2165-2199.	3.0	152
82	Behavior of crossover operators in NSGA-III for large-scale optimization problems. Information Sciences, 2020, 509, 470-487.	6.9	151
83	4S: A secure and privacy-preserving key management scheme for cloud-assisted wireless body area network in m-healthcare social networks. Information Sciences, 2015, 314, 255-276.	6.9	149
84	Cloud-assisted body area networks: state-of-the-art and future challenges. Wireless Networks, 2014, 20, 1925-1938.	3.0	147
85	The Quest for Privacy in the Internet of Things. IEEE Cloud Computing, 2016, 3, 36-45.	3.9	147
86	Security in Software-Defined Networking: Threats and Countermeasures. Mobile Networks and Applications, 2016, 21, 764-776.	3.3	147
87	Designing blockchain-based applications a case study for imported product traceability. Future Generation Computer Systems, 2019, 92, 399-406.	7.5	147
88	A Biology-Based Algorithm to Minimal Exposure Problem of Wireless Sensor Networks. IEEE Transactions on Network and Service Management, 2014, 11, 417-430.	4.9	144
89	A survey on lightweight block ciphers for low-resource devices: Comparative study and open issues. Journal of Network and Computer Applications, 2015, 58, 73-93.	9.1	144
90	Designing Secure Lightweight Blockchain-Enabled RFID-Based Authentication Protocol for Supply Chains in 5G Mobile Edge Computing Environment. IEEE Transactions on Industrial Informatics, 2020, 16, 7081-7093.	11.3	144

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91	SeDaSC: Secure Data Sharing in Clouds. IEEE Systems Journal, 2017, 11, 395-404.	4.6	141
92	Physarum Optimization: A Biology-Inspired Algorithm for the Steiner Tree Problem in Networks. IEEE Transactions on Computers, 2015, 64, 818-831.	3.4	139
93	Secure Data Sharing and Searching at the Edge of Cloud-Assisted Internet of Things. IEEE Cloud Computing, 2017, 4, 34-42.	3.9	137
94	Robust Cyber-Physical Systems: Concept, models, and implementation. Future Generation Computer Systems, 2016, 56, 449-475.	7.5	136
95	GreenDCN: A General Framework for Achieving Energy Efficiency in Data Center Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 4-15.	14.0	135
96	Designing Blockchain-Based Access Control Protocol in IoT-Enabled Smart-Grid System. IEEE Internet of Things Journal, 2021, 8, 5744-5761.	8.7	135
97	QoE-Driven Channel Allocation Schemes for Multimedia Transmission of Priority-Based Secondary Users over Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 1215-1224.	14.0	132
98	A survey on attack detection, estimation and control of industrial cyber-physical systems. ISA Transactions, 2021, 116, 1-16.	5.7	132
99	Novel overlay/underlay cognitive radio waveforms using SD-SMSE framework to enhance spectrum efficiency- part I: theoretical framework and analysis in AWGN channel. IEEE Transactions on Communications, 2009, 57, 3794-3804.	7.8	130
100	Molecular Communication and Nanonetwork for Targeted Drug Delivery: A Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 3046-3096.	39.4	127
101	Game Dynamics and Cost of Learning in Heterogeneous 4G Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 198-213.	14.0	126
102	Secure and Privacy Preserving Protocol for Cloud-Based Vehicular DTNs. IEEE Transactions on Information Forensics and Security, 2015, 10, 1299-1314.	6.9	124
103	A Pretreatment Workflow Scheduling Approach for Big Data Applications in Multicloud Environments. IEEE Transactions on Network and Service Management, 2016, 13, 581-594.	4.9	122
104	Exploiting Device-to-Device Communications in Joint Scheduling of Access and Backhaul for mmWave Small Cells. IEEE Journal on Selected Areas in Communications, 2015, 33, 2052-2069.	14.0	121
105	Socially Aware Networking: A Survey. IEEE Systems Journal, 2015, 9, 904-921.	4.6	121
106	EDAL: An Energy-Efficient, Delay-Aware, and Lifetime-Balancing Data Collection Protocol for Wireless Sensor Networks. , 2013, , .		120
107	Privacy and Security Issues in Deep Learning: A Survey. IEEE Access, 2021, 9, 4566-4593.	4.2	120
108	DTRAB: Combating Against Attacks on Encrypted Protocols Through Traffic-Feature Analysis. IEEE/ACM Transactions on Networking, 2010, 18, 1234-1247.	3.8	117

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109	An Online Mechanism for Resource Allocation and Pricing in Clouds. IEEE Transactions on Computers, 2016, 65, 1172-1184.	3.4	116
110	GCHAR: An efficient Group-based Context-aware human activity recognition on smartphone. Journal of Parallel and Distributed Computing, 2018, 118, 67-80.	4.1	116
111	Enabling Semantic Search Based on Conceptual Graphs over Encrypted Outsourced Data. IEEE Transactions on Services Computing, 2019, 12, 813-823.	4.6	116
112	Latency performance modeling and analysis for hyperledger fabric blockchain network. Information Processing and Management, 2021, 58, 102436.	8.6	116
113	Nodes organization for channel assignment with topology preservation in multi-radio wireless mesh networks. Ad Hoc Networks, 2012, 10, 760-773.	5.5	115
114	Hierarchical Data Aggregation Using Compressive Sensing (HDACS) in WSNs. ACM Transactions on Sensor Networks, 2015, 11, 1-25.	3.6	115
115	A new approach to the design of reinforcement schemes for learning automata: Stochastic estimator learning algorithm. Neurocomputing, 1995, 7, 275-297.	5.9	113
116	MuSIC: Mobility-Aware Optimal Service Allocation in Mobile Cloud Computing. , 2013, , .		113
117	MAPCloud: Mobile Applications on an Elastic and Scalable 2-Tier Cloud Architecture. , 2012, , .		110
118	A security and trust framework for virtualized networks and software-defined networking. Security and Communication Networks, 2016, 9, 3059-3069.	1.5	110
119	A Survey of Self-Organization Mechanisms in Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 441-461.	9.3	110
120	Local Area Prediction-Based Mobile Target Tracking in Wireless Sensor Networks. IEEE Transactions on Computers, 2015, 64, 1968-1982.	3.4	109
121	An OSPF-Integrated Routing Strategy for QoS-Aware Energy Saving in IP Backbone Networks. IEEE Transactions on Network and Service Management, 2012, 9, 254-267.	4.9	108
122	Resource and Revenue Sharing with Coalition Formation of Cloud Providers: Game Theoretic Approach. , 2011, , .		107
123	Tight Performance Bounds of Multihop Fair Access for MAC Protocols in Wireless Sensor Networks and Underwater Sensor Networks. IEEE Transactions on Mobile Computing, 2012, 11, 1538-1554.	5.8	106
124	A framework for truthful online auctions in cloud computing with heterogeneous user demands. , 2013, , .		105
125	A Multi-Tenant Cloud-Based DC Nano Grid for Self-Sustained Smart Buildings in Smart Cities. , 2017, 55, 14-21.		105
126	Survey on routing in data centers: insights and future directions. IEEE Network, 2011, 25, 6-10.	6.9	104

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145	Energy-efficient and traffic-aware service function chaining orchestration in multi-domain networks. <i>Future Generation Computer Systems</i> , 2019, 91, 347-360.	7.5	89
146	Big Data Analytics for Large-scale Wireless Networks. <i>ACM Computing Surveys</i> , 2020, 52, 1-36.	23.0	87
147	A Distributed Trust Evaluation Model and Its Application Scenarios for Medical Sensor Networks. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2012, 16, 1164-1175.	3.2	86
148	Transmission Rate Control for Molecular Communication among Biological Nanomachines. <i>IEEE Journal on Selected Areas in Communications</i> , 2013, 31, 835-846.	14.0	86
149	Survey on channel reciprocity based key establishment techniques for wireless systems. <i>Wireless Networks</i> , 2015, 21, 1835-1846.	3.0	86
150	Exploring Data Validity in Transportation Systems for Smart Cities. , 2017, 55, 26-33.		86
151	Securing m-healthcare social networks: challenges, countermeasures and future directions. <i>IEEE Wireless Communications</i> , 2013, 20, 12-21.	9.0	85
152	ACE: An Accurate and Efficient Multi-Entity Device-Free WLAN Localization System. <i>IEEE Transactions on Mobile Computing</i> , 2015, 14, 261-273.	5.8	85
153	Secure Authentication Scheme for Medicine Anti-Counterfeiting System in IoT Environment. <i>IEEE Internet of Things Journal</i> , 2017, 4, 1634-1646.	8.7	85
154	A Cloud-Based Architecture for the Internet of Spectrum Devices Over Future Wireless Networks. <i>IEEE Access</i> , 2016, 4, 2854-2862.	4.2	83
155	Towards Bayesian-Based Trust Management for Insider Attacks in Healthcare Software-Defined Networks. <i>IEEE Transactions on Network and Service Management</i> , 2018, 15, 761-773.	4.9	83
156	Large-scale MIMO-based wireless backhaul in 5G networks. <i>IEEE Wireless Communications</i> , 2015, 22, 58-66.	9.0	79
157	Neural networks for computer-aided diagnosis in medicine: A review. <i>Neurocomputing</i> , 2016, 216, 700-708.	5.9	79
158	A sustainable heuristic QoS routing algorithm for pervasive multi-layered satellite wireless networks. <i>Wireless Networks</i> , 2010, 16, 1657-1673.	3.0	77
159	Semi-Random Backoff: Towards Resource Reservation for Channel Access in Wireless LANs. <i>IEEE/ACM Transactions on Networking</i> , 2013, 21, 204-217.	3.8	77
160	Interoperable and adaptive fuzzy services for ambient intelligence applications. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , 2010, 5, 1-26.	0.8	76
161	SecCloud: Bridging Secure Storage and Computation in Cloud. , 2010, , .		75
162	A Distributed Efficient Flow Control Scheme for Multirate Multicast Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2010, 21, 1254-1266.	5.6	75

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163	Adaptive unequal protection for wireless video transmission over IEEE 802.11e networks. <i>Multimedia Tools and Applications</i> , 2014, 72, 541-571.	3.9	75
164	Managing RFID Data: Challenges, Opportunities and Solutions. <i>IEEE Communications Surveys and Tutorials</i> , 2014, 16, 1294-1311.	39.4	75
165	Differential Game-Based Strategies for Preventing Malware Propagation in Wireless Sensor Networks. <i>IEEE Transactions on Information Forensics and Security</i> , 2014, 9, 1962-1973.	6.9	75
166	A Low-Latency Communication Scheme for Mobile Wireless Sensor Control Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 317-332.	9.3	75
167	Distributed k -connected fault-tolerant topology control algorithms with PSO in future autonomic sensor systems. <i>International Journal of Sensor Networks</i> , 2012, 12, 53.	0.4	74
168	Genetic algorithms in wireless networking: techniques, applications, and issues. <i>Soft Computing</i> , 2016, 20, 2467-2501.	3.6	73
169	Thermal-Aware Scheduling of Batch Jobs in Geographically Distributed Data Centers. <i>IEEE Transactions on Cloud Computing</i> , 2014, 2, 71-84.	4.4	72
170	On the throughput-energy tradeoff for data transmission between cloud and mobile devices. <i>Information Sciences</i> , 2014, 283, 79-93.	6.9	72
171	Parallel Processing Systems for Big Data: A Survey. <i>Proceedings of the IEEE</i> , 2016, 104, 2114-2136.	21.3	71
172	Noncooperative and Cooperative Optimization of Electric Vehicle Charging Under Demand Uncertainty: A Robust Stackelberg Game. <i>IEEE Transactions on Vehicular Technology</i> , 2016, 65, 1043-1058.	6.3	71
173	An effective service-oriented networking management architecture for 5G-enabled internet of things. <i>Computer Networks</i> , 2020, 173, 107208.	5.1	70
174	Passive IP Traceback: Disclosing the Locations of IP Spoofers From Path Backscatter. <i>IEEE Transactions on Information Forensics and Security</i> , 2015, 10, 471-484.	6.9	69
175	Secure Smart Homes. <i>ACM Computing Surveys</i> , 2018, 50, 1-32.	23.0	69
176	Authenticated key management protocol for cloud-assisted body area sensor networks. <i>Journal of Network and Computer Applications</i> , 2018, 123, 112-126.	9.1	69
177	Multi-Source Temporal Data Aggregation in Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2011, 56, 359-370.	2.7	68
178	Multimedia Services in Cloud-Based Vehicular Networks. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2015, 7, 62-79.	3.8	68
179	Autonomous Relay for Millimeter-Wave Wireless Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2017, 35, 2127-2136.	14.0	67
180	Affectively intelligent and adaptive car interfaces. <i>Information Sciences</i> , 2010, 180, 3817-3836.	6.9	66

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181	Survey on mobile social networking in proximity (MSNP): approaches, challenges and architecture. <i>Wireless Networks</i> , 2014, 20, 1295-1311.	3.0	66
182	BASA: building mobile Ad-Hoc social networks on top of android. <i>IEEE Network</i> , 2014, 28, 4-9.	6.9	66
183	On Studying the Impact of Uncertainty on Behavior Diffusion in Social Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015, 45, 185-197.	9.3	66
184	A Survey of Security and Privacy Challenges in Cloud Computing: Solutions and Future Directions. <i>Journal of Computing Science and Engineering</i> , 2015, 9, 119-133.	0.6	66
185	A novel self-tuning feedback controller for active queue management supporting TCP flows. <i>Information Sciences</i> , 2010, 180, 2249-2263.	6.9	65
186	Delay-Induced Synchronization of Identical Linear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2013, 43, 476-489.	9.5	65
187	Secure Authentication for Remote Patient Monitoring with Wireless Medical Sensor Networks. <i>Sensors</i> , 2016, 16, 424.	3.8	65
188	Provably secure three-party authenticated key agreement protocol using smart cards. <i>Computer Networks</i> , 2014, 58, 29-38.	5.1	64
189	A comprehensive survey of load balancing techniques in software-defined network. <i>Journal of Network and Computer Applications</i> , 2021, 174, 102856.	9.1	64
190	A Fingerprint Recognition Scheme Based on Assembling Invariant Moments for Cloud Computing Communications. <i>IEEE Systems Journal</i> , 2011, 5, 574-583.	4.6	63
191	Toward Incentivizing Anti-Spoofing Deployment. <i>IEEE Transactions on Information Forensics and Security</i> , 2014, 9, 436-450.	6.9	63
192	A Bare-Metal and Asymmetric Partitioning Approach to Client Virtualization. <i>IEEE Transactions on Services Computing</i> , 2014, 7, 40-53.	4.6	62
193	Providing Healthcare-as-a-Service Using Fuzzy Rule Based Big Data Analytics in Cloud Computing. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018, 22, 1605-1618.	6.3	62
194	Two-Stage Enhancement Scheme for Low-Quality Fingerprint Images by Learning From the Images. <i>IEEE Transactions on Human-Machine Systems</i> , 2013, 43, 235-248.	3.5	61
195	TB2F: Tree-bitmap and bloom-filter for a scalable and efficient name lookup in Content-Centric Networking. , 2014, , .		61
196	Optimal filter design using an improved artificial bee colony algorithm. <i>Information Sciences</i> , 2014, 281, 443-461.	6.9	61
197	Encrypted Data Management with Deduplication in Cloud Computing. <i>IEEE Cloud Computing</i> , 2016, 3, 28-35.	3.9	61
198	Low-Latency and Resource-Efficient Service Function Chaining Orchestration in Network Function Virtualization. <i>IEEE Internet of Things Journal</i> , 2020, 7, 5760-5772.	8.7	61

#	ARTICLE	IF	CITATIONS
199	A knowledge-based resource discovery for Internet of Things. Knowledge-Based Systems, 2016, 109, 122-136.	7.1	60
200	Semi-global and global containment control of multi-agent systems with second-order dynamics and input saturation. International Journal of Robust and Nonlinear Control, 2016, 26, 3460-3480.	3.7	60
201	Delay and energy consumption analysis of priority guaranteed MAC protocol for wireless body area networks. Wireless Networks, 2017, 23, 1249-1266.	3.0	60
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