

Salil S Kanhere

List of Publications by Year in descending order

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252
papers

9,854
citations

81900

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h-index

106344

65
g-index

258
all docs

258
docs citations

258
times ranked

7951
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockchain for IoT security and privacy: The case study of a smart home. , 2017, , .		1,003
2	BlockChain: A Distributed Solution to Automotive Security and Privacy. , 2017, 55, 119-125.		593
3	Ear-phone. , 2010, , .		531
4	A Survey of COVID-19 Contact Tracing Apps. IEEE Access, 2020, 8, 134577-134601.	4.2	469
5	Multi-Agent Systems: A Survey. IEEE Access, 2018, 6, 28573-28593.	4.2	440
6	A survey on privacy in mobile participatory sensing applications. Journal of Systems and Software, 2011, 84, 1928-1946.	4.5	362
7	Towards an Optimized BlockChain for IoT. , 2017, , .		309
8	LSB: A Lightweight Scalable Blockchain for IoT security and anonymity. Journal of Parallel and Distributed Computing, 2019, 134, 180-197.	4.1	281
9	TrustChain: Trust Management in Blockchain and IoT Supported Supply Chains. , 2019, , .		167
10	Energy-Efficient Cooperative Relaying for Unmanned Aerial Vehicles. IEEE Transactions on Mobile Computing, 2016, 15, 1377-1386.	5.8	161
11	WiFi-ID: Human Identification Using WiFi Signal. , 2016, , .		160
12	Participatory Sensing: Crowdsourcing Data from Mobile Smartphones in Urban Spaces. , 2011, , .		151
13	STG2Seq: Spatial-Temporal Graph to Sequence Model for Multi-step Passenger Demand Forecasting. , 2019, , .		134
14	Are you contributing trustworthy data?. , 2010, , .		117
15	ProductChain: Scalable Blockchain Framework to Support Provenance in Supply Chains. , 2018, , .		109
16	Preserving privacy in participatory sensing systems. Computer Communications, 2010, 33, 1266-1280.	5.1	103
17	Sustainable Incentives for Mobile Crowdsensing: Auctions, Lotteries, and Trust and Reputation Systems. , 2017, 55, 68-74.		94
18	B-FERL: Blockchain based framework for securing smart vehicles. Information Processing and Management, 2021, 58, 102426.	8.6	91

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19	On the importance of link characterization for aerial wireless sensor networks. , 2016, 54, 52-57.		89
20	IncogniSense: An anonymity-preserving reputation framework for participatory sensing applications. Pervasive and Mobile Computing, 2013, 9, 353-371.	3.3	82
21	An empirical study of bandwidth predictability in mobile computing. , 2008, , .		81
22	Ear-Phone: A context-aware noise mapping using smart phones. Pervasive and Mobile Computing, 2015, 17, 1-22.	3.3	80
23	A Reputation Framework for Social Participatory Sensing Systems. Mobile Networks and Applications, 2014, 19, 88-100.	3.3	79
24	Participatory Sensing: Crowdsourcing Data from Mobile Smartphones in Urban Spaces. Lecture Notes in Computer Science, 2013, , 19-26.	1.3	78
25	Energy Efficient Legitimate Wireless Surveillance of UAV Communications. IEEE Transactions on Vehicular Technology, 2019, 68, 2283-2293.	6.3	78
26	Blockchain based Proxy Re-Encryption Scheme for Secure IoT Data Sharing. , 2019, , .		77
27	SpeedyChain. , 2018, , .		76
28	MOF-BC: A memory optimized and flexible blockchain for large scale networks. Future Generation Computer Systems, 2019, 92, 357-373.	7.5	73
29	Measurement, Characterization, and Modeling of LoRa Technology in Multifloor Buildings. IEEE Internet of Things Journal, 2020, 7, 298-310.	8.7	73
30	Improving QoS in High-Speed Mobility Using Bandwidth Maps. IEEE Transactions on Mobile Computing, 2012, 11, 603-617.	5.8	71
31	A trust architecture for blockchain in IoT. , 2019, , .		70
32	SPB: A Secure Private Blockchain-Based Solution for Distributed Energy Trading. IEEE Communications Magazine, 2019, 57, 120-126.	6.1	69
33	Automatic Device Classification from Network Traffic Streams of Internet of Things. , 2018, , .		66
34	Proxy re-encryption enabled secure and anonymous IoT data sharing platform based on blockchain. Journal of Network and Computer Applications, 2021, 176, 102917.	9.1	64
35	On the need for a reputation system in mobile phone based sensing. Ad Hoc Networks, 2014, 12, 130-149.	5.5	63
36	Improving IoT Data Quality in Mobile Crowd Sensing: A Cross Validation Approach. IEEE Internet of Things Journal, 2019, 6, 5651-5664.	8.7	63

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37	From MANET to people-centric networking: Milestones and open research challenges. Computer Communications, 2015, 71, 1-21.	5.1	61
38	Detection and Tracking Using Particle-Filter-Based Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2010, 9, 1332-1345.	5.8	60
39	Crowdsourcing with Tullock contests: A new perspective. , 2015, , .		60
40	Cost-effective IoT devices as trustworthy data sources for a blockchain-based water management system in precision agriculture. Computers and Electronics in Agriculture, 2021, 180, 105889.	7.7	60
41	Experiences With IoT and AI in a Smart Campus for Optimizing Classroom Usage. IEEE Internet of Things Journal, 2019, 6, 7595-7607.	8.7	58
42	Adaptive Position Update for Geographic Routing in Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2013, 12, 489-501.	5.8	57
43	Incentive Mechanism Design for Heterogeneous Crowdsourcing Using All-Pay Contests. IEEE Transactions on Mobile Computing, 2016, 15, 2234-2246.	5.8	56
44	Internet of Things Meets Brain-Computer Interface: A Unified Deep Learning Framework for Enabling Human-Thing Cognitive Interactivity. IEEE Internet of Things Journal, 2019, 6, 2084-2092.	8.7	56
45	Interoperability and Synchronization Management of Blockchain-Based Decentralized e-Health Systems. IEEE Transactions on Engineering Management, 2020, 67, 1363-1376.	3.5	56
46	Trust-Based Blockchain Authorization for IoT. IEEE Transactions on Network and Service Management, 2021, 18, 1646-1658.	4.9	54
47	Converting Your Thoughts to Texts: Enabling Brain Typing via Deep Feature Learning of EEG Signals. , 2018, , .		53
48	The Design, Implementation, and Deployment of a Smart Lighting System for Smart Buildings. IEEE Internet of Things Journal, 2019, 6, 7266-7281.	8.7	53
49	Trust-based privacy-aware participant selection in social participatory sensing. Journal of Information Security and Applications, 2015, 20, 11-25.	2.5	50
50	Instrumenting Wireless Sensor Networks - A survey on the metrics that matter. Pervasive and Mobile Computing, 2017, 37, 45-62.	3.3	50
51	WITS: an IoT-endowed computational framework for activity recognition in personalized smart homes. Computing (Vienna/New York), 2018, 100, 369-385.	4.8	49
52	Recent Trends in User Authentication - A Survey. IEEE Access, 2019, 7, 112505-112519.	4.2	49
53	Zero-Shot Object Detection with Textual Descriptions. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 8690-8697.	4.9	49
54	A privacy-preserving reputation system for participatory sensing. , 2012, , .		47

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55	A review on Virtual Reality and Augmented Reality use-cases of Brain Computer Interface based applications for smart cities. <i>Microprocessors and Microsystems</i> , 2022, 88, 104392.	2.8	47
56	Analysis of per-node traffic load in multi-hop wireless sensor networks. <i>IEEE Transactions on Wireless Communications</i> , 2009, 8, 958-967.	9.2	46
57	DaaS: Dew Computing as a Service for Intelligent Intrusion Detection in Edge-of-Things Ecosystem. <i>IEEE Internet of Things Journal</i> , 2021, 8, 12569-12577.	8.7	46
58	Optimizing HTTP-Based Adaptive Streaming in Vehicular Environment Using Markov Decision Process. <i>IEEE Transactions on Multimedia</i> , 2015, 17, 2297-2309.	7.2	45
59	A Decentralized Peer-to-Peer Remote Health Monitoring System. <i>Sensors</i> , 2020, 20, 1656.	3.8	44
60	The Proposal of a Blockchain-Based Architecture for Transparent Certificate Handling. <i>Lecture Notes in Business Information Processing</i> , 2019, , 185-196.	1.0	40
61	Passenger Demand Forecasting with Multi-Task Convolutional Recurrent Neural Networks. <i>Lecture Notes in Computer Science</i> , 2019, , 29-42.	1.3	40
62	Topology Control and Channel Assignment in Multi-Radio Multi-Channel Wireless Mesh Networks. , 2007, , .		39
63	Optimal Prizes for All-Pay Contests in Heterogeneous Crowdsourcing. , 2014, , .		39
64	HTTP-Based Adaptive Streaming for Mobile Clients using Markov Decision Process. , 2013, , .		38
65	B-FICA: BlockChain based Framework for Auto-Insurance Claim and Adjudication. , 2018, , .		38
66	Secure Wireless Automotive Software Updates Using Blockchains: A Proof of Concept. <i>Lecture Notes in Mobility</i> , 2018, , 137-149.	0.2	37
67	IncogniSense: An anonymity-preserving reputation framework for participatory sensing applications. , 2012, , .		36
68	Privacy-Preserving Collaborative Path Hiding for Participatory Sensing Applications. , 2011, , .		35
69	Spatio-Temporal Graph Convolutional and Recurrent Networks for Citywide Passenger Demand Prediction. , 2019, , .		33
70	Empirical Evaluation of HTTP Adaptive Streaming under Vehicular Mobility. <i>Lecture Notes in Computer Science</i> , 2011, , 92-105.	1.3	32
71	Algorithmic Governance in Smart Cities: The Conundrum and the Potential of Pervasive Computing Solutions. <i>IEEE Technology and Society Magazine</i> , 2018, 37, 80-87.	0.8	31
72	Towards privacy-sensitive participatory sensing. , 2009, , .		30

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73	A Bayesian Routing Framework for Delay Tolerant Networks. , 2010, , .		30
74	Fair Scheduling for Data Collection in Mobile Sensor Networks with Energy Harvesting. IEEE Transactions on Mobile Computing, 2019, 18, 1274-1287.	5.8	30
75	NIS07-5: Security Vulnerabilities in Channel Assignment of Multi-Radio Multi-Channel Wireless Mesh Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	29
76	Adaptive Position Update in Geographic Routing. , 2006, , .		28
77	An Experimental Study for Tracking Crowd in Smart Cities. IEEE Systems Journal, 2019, 13, 2966-2977.	4.6	28
78	Gate-ID: WiFi-Based Human Identification Irrespective of Walking Directions in Smart Home. IEEE Internet of Things Journal, 2021, 8, 7610-7624.	8.7	28
79	Trust Management in Decentralized IoT Access Control System. , 2020, , .		27
80	Peer-to-Peer EnergyTrade: A Distributed Private Energy Trading Platform. , 2019, , .		26
81	Adversarial Multi-view Networks for Activity Recognition. , 2020, 4, 1-22.		26
82	Dependable IoT Using Blockchain-Based Technology. , 2018, , .		25
83	A unified framework for data integrity protection in people-centric smart cities. Multimedia Tools and Applications, 2020, 79, 4989-5002.	3.9	25
84	A Novel Blockchain-as-a-Service (BaaS) Platform for Local 5G Operators. IEEE Open Journal of the Communications Society, 2021, 2, 575-601.	6.9	25
85	A Journey in Applying Blockchain for Cyberphysical Systems. , 2020, , .		24
86	Blockchain-Based Verifiable Credential Sharing with Selective Disclosure. , 2020, , .		24
87	Link characterization for Aerial Wireless Sensor Networks. , 2011, , .		23
88	A Trust-Based Recruitment Framework for Multi-hop Social Participatory Sensing. , 2013, , .		23
89	SEW-ing a Simple Endorsement Web to incentivize trustworthy participatory sensing. , 2014, , .		22
90	Cluster-based Forwarding in Delay Tolerant Public Transport Networks. , 2007, , .		20

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91	Cluster-based channel assignment in multi-radio multi-channel wireless mesh networks. , 2009, , .		20
92	Utilizing Link Characterization for Improving the Performance of Aerial Wireless Sensor Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 1639-1649.	14.0	20
93	Characterising user targeting for in-App Mobile Ads. , 2014, , .		19
94	SenseFlow. , 2015, , .		19
95	A Survey on Recommender Systems for Internet of Things: Techniques, Applications and Future Directions. Computer Journal, 2022, 65, 2098-2132.	2.4	19
96	Forthcoming applications of quantum computing: peeking into the future. IET Quantum Communication, 2020, 1, 35-41.	3.8	19
97	Comprehensive mobile bandwidth traces from vehicular networks. , 2016, , .		18
98	Trajectory Optimization of Flying Energy Sources using Q-Learning to Recharge Hotspot UAVs. , 2020, , .		18
99	Exploiting constrained IoT devices in a trustless blockchain-based water management system. , 2020, , .		18
100	EPLA: Energy-balancing packets scheduling for airborne relaying networks. , 2015, , .		17
101	Crowd Management. IEEE Communications Magazine, 2019, 57, 18-19.	6.1	17
102	HUBCODE: hub-based forwarding using network coding in delay tolerant networks. Wireless Communications and Mobile Computing, 2013, 13, 828-846.	1.2	16
103	A context-based privacy preserving framework for wearable visual lifeloggers. , 2016, , .		16
104	A survey of data minimisation techniques in blockchain-based healthcare. Computer Networks, 2022, 205, 108766.	5.1	16
105	Low-latency guaranteed-rate scheduling using Elastic Round Robin. Computer Communications, 2002, 25, 1315-1322.	5.1	15
106	Realizing a Smart University Campus: Vision, Architecture, and Implementation. , 2018, , .		15
107	Routing-Aware and Malicious Node Detection in a Concealed Data Aggregation for WSNs. ACM Transactions on Sensor Networks, 2019, 15, 1-20.	3.6	15
108	Blockchain and Cyberphysical Systems. Computer, 2020, 53, 31-35.	1.1	15

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109	A pragmatic approach to area coverage in hybrid wireless sensor networks. <i>Wireless Communications and Mobile Computing</i> , 2011, 11, 23-45.	1.2	14
110	WiCare. , 2017, , .		14
111	On the Activity Privacy of Blockchain for IoT. , 2019, , .		14
112	Leveraging lightweight blockchain to establish data integrity for surveillance cameras. , 2020, , .		14
113	Securing Channel Assignment in Multi-Radio Multi-Channel Wireless Mesh Networks. , 2007, , .		13
114	Data-Driven Monitoring and Optimization of Classroom Usage in a Smart Campus. , 2018, , .		13
115	HARB: A Hypergraph-Based Adaptive Consortium Blockchain for Decentralized Energy Trading. <i>IEEE Internet of Things Journal</i> , 2022, 9, 14216-14227.	8.7	13
116	Poster Abstract: Towards Scalable and Trustworthy Decentralized Collaborative Intrusion Detection System for IoT. , 2020, , .		13
117	Temporary immutability: A removable blockchain solution for prosumer-side energy trading. <i>Journal of Network and Computer Applications</i> , 2021, 180, 103018.	9.1	13
118	Impact of consensus on appendable-block blockchain for IoT. , 2019, , .		13
119	Energy-aware Demand Selection and Allocation for Real-time IoT Data Trading. , 2020, , .		13
120	Automatic image capturing and processing for PetrolWatch. , 2011, , .		12
121	ProfileGuard. , 2014, , .		12
122	PELE: Power efficient legitimate eavesdropping via jamming in UAV communications. , 2017, , .		12
123	Smart user identification using cardiopulmonary activity. <i>Pervasive and Mobile Computing</i> , 2019, 58, 101024.	3.3	12
124	Eavesdropping and Jamming Selection Policy for Suspicious UAVs Based on Low Power Consumption over Fading Channels. <i>Sensors</i> , 2019, 19, 1126.	3.8	12
125	Towards a blockchain powered IoT data marketplace. , 2021, , .		12
126	Energy and Service-Priority aware Trajectory Design for UAV-BSs using Double Q-Learning. , 2021, , .		12

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127	Quality Improvement of Mobile Video Using Geo-Intelligent Rate Adaptation. , 2010, , .		11
128	Priority-based coverage path planning for Aerial Wireless Sensor Networks. , 2013, , .		11
129	Reliable and Secure End-to-End Data Aggregation Using Secret Sharing in WSNs. , 2017, , .		11
130	Cost-Effective Blockchain-based IoT Data Marketplaces with a Credit Invariant. , 2021, , .		11
131	Efficient Data Communication Using Distributed Ledger Technology and IOTA-Enabled Internet of Things for a Future Machine-to-Machine Economy. Sensors, 2021, 21, 4354.	3.8	11
132	Privacy-Preserving and Incentivized Contact Tracing for COVID-19 Using Blockchain. IEEE Internet of Things Magazine, 2021, 4, 72-79.	2.6	11
133	Mobile Broadband Performance Measured from High-Speed Regional Trains. , 2011, , .		10
134	AETD: An Application-Aware, Energy-Efficient Trajectory Design for Flying Base Stations. , 2019, , .		10
135	A Novel Model-Based Security Scheme for LoRa Key Generation. , 2021, , .		10
136	TradeChain: Decoupling Traceability and Identity in Blockchain enabled Supply Chains. , 2021, , .		10
137	Performance evaluation of a wireless sensor network based tracking system. , 2008, , .		9
138	Reliable positioning with hybrid antenna model for aerial wireless sensor and actor networks. , 2014, , .		9
139	Wi-Sign. , 2018, , .		9
140	MRA: A modified reverse auction based framework for incentive mechanisms in mobile crowdsensing systems. Computer Communications, 2019, 145, 137-145.	5.1	9
141	Recharging of Flying Base Stations using Airborne RF Energy Sources. , 2019, , .		9
142	A Trust Framework for Social Participatory Sensing Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 237-249.	0.3	9
143	A machine learning and blockchain based secure and cost-effective framework for minor medical consultations. Sustainable Computing: Informatics and Systems, 2022, 35, 100651.	2.2	9
144	TrailChain: Traceability of data ownership across blockchain-enabled multiple marketplaces. Journal of Network and Computer Applications, 2022, 203, 103389.	9.1	9

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145	TrustMeter: A trust assessment scheme for collaborative privacy mechanisms in participatory sensing applications. , 2014, , .		8
146	Sparse representation based acoustic rangefinders: from sensor platforms to mobile devices. , 2015, 53, 249-257.		8
147	Toward Mitigation-as-a-Service in Cooperative Network Defenses. , 2018, , .		8
148	Wi-Access: Second Factor User Authentication leveraging WiFi Signals. , 2018, , .		8
149	How Mobility Patterns Drive Disease Spread: A Case Study Using Public Transit Passenger Card Travel Data. , 2019, , .		8
150	Poster Abstract: A QoS-aware, Energy-efficient Trajectory Optimization for UAV Base Stations using Q-Learning. , 2020, , .		8
151	The Road to Accountable and Dependable Manufacturing. Automation, 2021, 2, 202-219.	2.3	8
152	Detecting Internet of Things Bots: A Comparative Study. IEEE Access, 2021, 9, 160391-160401.	4.2	8
153	Efficient Boundary Estimation for Practical Deployment of Mobile Sensors in Hybrid Sensor Networks. , 2006, , .		7
154	Demo: A Delay-Tolerant Payment Scheme on the Ethereum Blockchain. , 2018, , .		7
155	Protecting Private Attributes in App Based Mobile User Profiling. IEEE Access, 2020, 8, 143818-143836.	4.2	7
156	Reminder Care System: An Activity-Aware Cross-Device Recommendation System. Lecture Notes in Computer Science, 2019, , 207-220.	1.3	7
157	RFT. , 2015, , .		7
158	Trust assessment in social participatory networks. , 2013, , .		6
159	WashInDepth. , 2016, , .		6
160	Enabling Privacy Preserving Mobile Advertising via Private Information Retrieval. , 2017, , .		6
161	Wi-Auth. , 2017, , .		6
162	Proactive Eavesdropping via Jamming for Trajectory Tracking of UAVs. , 2019, , .		6

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163	Source-Aware Crisis-Relevant Tweet Identification and Key Information Summarization. ACM Transactions on Internet Technology, 2019, 19, 1-20.	4.4	6
164	Identifying Highly Influential Travellers for Spreading Disease on a Public Transport System. , 2020, , .		6
165	Context-based Smart Contracts For Appendable-block Blockchains. , 2020, , .		6
166	DIMY: Enabling privacy-preserving contact tracing. Journal of Network and Computer Applications, 2022, 202, 103356.	9.1	6
167	An evaluation of fair packet schedulers using a novel measure of instantaneous fairness. Computer Communications, 2005, 28, 1925-1937.	5.1	5
168	Distance-Based Local Geocasting in Multi-Hop Wireless Networks. , 2007, , .		5
169	Design, Analysis, and Implementation of a Novel Low Complexity Scheduler for Joint Resource Allocation. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 749-762.	5.6	5
170	Reliable communications in aerial sensor networks by using a hybrid antenna. , 2012, , .		5
171	ConferenceSense. , 2013, , .		5
172	A socially-aware incentive scheme for social participatory sensing. , 2015, , .		5
173	Constructing a Shortest Path Overhearing Tree with Maximum Lifetime in WSNs. , 2016, , .		5
174	Applications and Challenges of Wearable Visual Lifeloggers. Computer, 2017, 50, 60-69.	1.1	5
175	Towards Automated Data Sharing in Personal Data Stores. , 2021, , .		5
176	In Situ MIMO-WPT Recharging of UAVs Using Intelligent Flying Energy Sources. Drones, 2021, 5, 89.	4.9	5
177	Automated Privacy Preferences for Smart Home Data Sharing Using Personal Data Stores. IEEE Security and Privacy, 2022, 20, 12-22.	1.2	5
178	Attacking with Bitcoin: Using Bitcoin to Build Resilient Botnet Armies. Advances in Intelligent Systems and Computing, 2021, , 3-12.	0.6	5
179	FSOM: Fair Link Scheduling Optimization for Energy-Aware Data Collection in Mobile Sensor Networks. Lecture Notes in Computer Science, 2014, , 17-33.	1.3	5
180	A Technology-driven Overview on Blockchain-based Academic Certificate Handling. Advances in Educational Technologies and Instructional Design Book Series, 2020, , 197-223.	0.2	5

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181	Special Issue on Cybersecurity Management in the Era of AI. Journal of Network and Systems Management, 2022, 30, 1.	4.9	5
182	Decentralised Trustworthy Collaborative Intrusion Detection System for IoT. , 2021, , .		5
183	On the use of location window in geo-intelligent HTTP adaptive video streaming. , 2012, , .		4
184	Creating personal bandwidth maps using opportunistic throughput measurements. , 2014, , .		4
185	Towards Policy Enforcement Point as a Service (PEPS). , 2016, , .		4
186	Implementation and evaluation of adaptive video streaming based on Markov decision process. , 2016, , .		4
187	Reliable transmissions in AWSNs by using O-BESPAR hybrid antenna. Pervasive and Mobile Computing, 2016, 30, 151-165.	3.3	4
188	Gargoyle: A Network-based Insider Attack Resilient Framework for Organizations. , 2018, , .		4
189	Gwardar: Towards Protecting a Software-Defined Network from Malicious Network Operating Systems. , 2018, , .		4
190	Is Privacy Regulation Slowing Down Research on Pervasive Computing?. Computer, 2020, 53, 44-52.	1.1	4
191	Poster Abstract: Passive Activity Classification of Smart Homes through Wireless Packet Sniffing. , 2020, , .		4
192	Contextual Bandit Learning for Activity-Aware Things-of-Interest Recommendation in an Assisted Living Environment. Lecture Notes in Computer Science, 2021, , 37-49.	1.3	4
193	Can Smart Plugs Predict Electric Power Consumption? A Case Study. , 2014, , .		4
194	Monetizing Parking IoT Data via Demand Prediction and Optimal Space Sharing. IEEE Internet of Things Journal, 2022, 9, 5629-5644.	8.7	4
195	Towards Decentralized IoT Updates Delivery Leveraging Blockchain and Zero-Knowledge Proofs. , 2020, , .		4
196	Traceable, trustworthy and privacy preserving agri-food supply chains. , 2021, , .		4
197	DeTRM: Decentralised Trust and Reputation Management for Blockchain-based Supply Chains. , 2022, , .		4
198	Design, Analysis and Implementation of a Novel Multiple Resource Scheduler. IEEE Transactions on Computers, 2007, 56, 1071-1086.	3.4	3

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199	Multipath Fading Effect on Spatial Packet Loss Correlation in Wireless Networks. , 2011, , .		3
200	Randomised multipath routing for secure data collection. , 2014, , .		3
201	Empirical evaluation of MDP-based DASH player. , 2015, , .		3
202	Energy Harvesting Wearables Can Tell Which Train Route You Have Taken. , 2016, , .		3
203	EGAIM. , 2017, , .		3
204	BRRR. , 2018, , .		3
205	Enabling Efficient and High Quality Zooming for Online Video Streaming using Edge Computing. , 2018, , .		3
206	Measuring and Modeling Car Park Usage: Lessons Learned from a Campus Field-Trial. , 2019, , .		3
207	Guest Editorial: Introduction to the Special Section on Sensor Data Computing as a Service in Internet of Things. IEEE Transactions on Emerging Topics in Computing, 2019, 7, 311-313.	4.6	3
208	Adaptive Two-Dimensional Embedded Image Clustering. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 4796-4803.	4.9	3
209	MB-EHR: A Multilayer Blockchain-based EHR. , 2021, , .		3
210	Context-Induced Activity Monitoring for On-Demand Things-of-Interest Recommendation in an Ambient Intelligent Environment. Future Internet, 2021, 13, 305.	3.8	3
211	WIDE: A witness-based data priority mechanism for vehicular forensics. Blockchain: Research and Applications, 2022, 3, 100050.	6.7	3
212	On the characterisation of vehicular mobility in a large-scale public transport network. International Journal of Ad Hoc and Ubiquitous Computing, 2012, 11, 68.	0.5	2
213	Towards changing the user perception of mobile communications through geotagged information. , 2012, , .		2
214	Predicting the region of interest for dynamic foveated streaming. , 2015, , .		2
215	QuickFind: Fast and contact-free object detection using a depth sensor. , 2016, , .		2
216	HydraDoctor. , 2019, , .		2

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217	Evaluating Emergency Evacuation Events Using Building WiFi Data. , 2020, , .		2
218	AQA: An Adaptive Quality Assessment Framework for Online Review Systems. IEEE Transactions on Services Computing, 2022, 15, 1486-1497.	4.6	2
219	Poster Abstract: A Novel Modeling Involved Security Approach for LoRa Key Generation. , 2020, , .		2
220	VID: Human identification through vein patterns captured from commodity depth cameras. IET Biometrics, 2021, 10, 142-162.	2.5	2
221	A Game-Theoretic Approach to Quality Improvement in Crowdsourcing Tasks. Lecture Notes in Business Information Processing, 2018, , 116-130.	1.0	2
222	Evaluating the Security of Machine Learning Based IoT Device Identification Systems Against Adversarial Examples. Lecture Notes in Computer Science, 2021, , 800-810.	1.3	2
223	Guest Editorial: Empowering Sustainable Energy Infrastructures via AI-Assisted Wireless Communications. IEEE Wireless Communications, 2021, 28, 10-12.	9.0	2
224	Anchored opportunity queueing: a low-latency scheduler for fair arbitration among virtual channels. Journal of Parallel and Distributed Computing, 2003, 63, 1288-1299.	4.1	1
225	On the latency and fairness characteristics of pre-order deficit round Robin. Computer Communications, 2004, 27, 664-678.	5.1	1
226	Analysis of Resource Reservation Aggregation in On-Board Networks. IEEE Vehicular Technology Conference, 2007, , .	0.4	1
227	Using bandwidth-road maps for improving vehicular internet access. , 2010, , .		1
228	Performance analysis of geographyâ€limited broadcasting in multihop wireless networks. Wireless Communications and Mobile Computing, 2013, 13, 1406-1421.	1.2	1
229	Trajectory Approximation for Resource Constrained Mobile Sensor Networks. , 2014, , .		1
230	Platform zero: a step closer to ubiquitous computing. Concurrency Computation Practice and Experience, 2016, 28, 688-706.	2.2	1
231	VeinDeep: Smartphone unlock using vein patterns. , 2017, , .		1
232	Echo-ID: Smart User Identification Leveraging Inaudible Sound Signals. IEEE Access, 2020, 8, 194508-194522.	4.2	1
233	Appendable-Block Blockchains. Advances in Information Security, Privacy, and Ethics Book Series, 2021, , 66-88.	0.5	1
234	Keynote: Transparent, Trustworthy and Privacy-Preserving Supply Chains. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
235	Towards Privacy-preserving Digital Contact Tracing. , 2021, , .		1
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