

Sudip Misra

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.

350
papers

6,418
citations

37
h-index

66
g-index

389
ext. papers

7,866
ext. citations

4.6
avg, IF

7
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 350 | Edge Intelligence for Rendering Green Camera-Network-as-a-Service. <i>IEEE Transactions on Green Communications and Networking</i> , 2022 , 6, 365-375 | 4 | |
| 349 | QoS-Aware Dynamic Flow Management in Software-Defined Data Center Networks. <i>Internet of Things</i> , 2022 , 205-221 | 1.3 | |
| 348 | RiceBioS: Identification of Biotic Stress in Rice Crops using Edge-as-a-Service. <i>IEEE Sensors Journal</i> , 2022 , 1-1 | 4 | 1 |
| 347 | D2C: Dynamic Decision Caching Mechanism for Provisioning Safety-as-a-Service in Road Transportation. <i>IEEE Systems Journal</i> , 2022 , 1-8 | 4.3 | |
| 346 | Special Issue on Artificial Intelligence, Edge, and Internet of Things for Smart Agriculture. <i>IEEE Micro</i> , 2022 , 42, 6-7 | 1.8 | 0 |
| 345 | Timed Loops for Distributed Storage in Wireless Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2022 , 33, 698-709 | 3.7 | 1 |
| 344 | ProStream: Programmable Underwater IoT Network for Multimedia Streaming. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1 | 10.7 | 1 |
| 343 | B2H: Enabling delay-tolerant blockchain network in healthcare for Society 5.0. <i>Computer Networks</i> , 2022 , 108860 | 5.4 | 2 |
| 342 | CEaaS: Constrained Encryption-as-a-Service in Fog-Enabled IoT. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1 | 10.7 | |
| 341 | CALM: QoS-Aware Vehicular Sensor-as-a-Service Provisioning in Cache-Enabled Multi-Sensor-Cloud. <i>IEEE Transactions on Green Communications and Networking</i> , 2022 , 1-1 | 4 | 1 |
| 340 | Sustainable Maintenance of Connected Dominating Set by Solar Energy Harvesting for IoT Networks. <i>IEEE Transactions on Green Communications and Networking</i> , 2022 , 1-1 | 4 | 0 |
| 339 | EnPlace: Energy-Aware Network Partitioning for Controller Placement in SDN. <i>IEEE Transactions on Green Communications and Networking</i> , 2022 , 1-1 | 4 | 1 |
| 338 | Guest Editorial Special Issue on Energy-Efficient Reconfigurable Wireless Communication and Networks. <i>IEEE Transactions on Green Communications and Networking</i> , 2022 , 6, 665-668 | 4 | |
| 337 | Amaurotic Entity-Based Consensus Selection in Blockchain-Enabled Industrial IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | |
| 336 | Dynamic Leader Selection in a Master-Slave Architecture-Based Micro UAV Swarm 2021 , | | 1 |
| 335 | Dynamic Trust Enforcing Pricing Scheme for Sensors-as-a-Service in Sensor-Cloud Infrastructure 2021 , | | 1 |
| 334 | Mobility-Aware Controller Orchestration in Multi-Tier Service-Oriented Architecture for IoT. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1 | 6.8 | |

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| 333 | AquaStream: Multihop Multimedia Streaming Over Acoustic Channel in Severely Resource-Constrained IoT Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 2 |
| 332 | Collaborative and Efficient Body-to-Body Networks for IoT-Based Healthcare Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 2 |
| 331 | Q-Safe: QoS-Aware Pricing Scheme for Provisioning Safety-as-a-Service. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1 | 4.8 | |
| 330 | IEEE 802.11k-based Lightweight, Distributed and Cooperative Access Point Coverage Estimation Scheme in IoT Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | |
| 329 | Q-Soft: QoS-aware Traffic Forwarding in Software-Defined Cyber-Physical Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 0 |
| 328 | Tremors: Privacy-breaching Inference of Computing Tasks using Vibration-based Condition Monitors. <i>IEEE Transactions on Computers</i> , 2021 , 1-1 | 2.5 | 2 |
| 327 | SCOPE: Cost-Efficient QoS-Aware Switch and Controller Placement in Hybrid SDN. <i>IEEE Systems Journal</i> , 2021 , 1-8 | 4.3 | |
| 326 | Distributed Resource Allocation for Collaborative Data Uploading in Body-to-Body Networks. <i>IEEE Transactions on Communications</i> , 2021 , 1-1 | 6.9 | 4 |
| 325 | Dynamic Price-Enabled Strategic Energy Management Scheme in Cloud-Enabled Smart Grid. <i>IEEE Transactions on Cloud Computing</i> , 2021 , 1-1 | 3.3 | 2 |
| 324 | AI-Based Communication-as-a-Service for Network Management in Society 5.0. <i>IEEE Transactions on Network and Service Management</i> , 2021 , 1-1 | 4.8 | 2 |
| 323 | Priority-Aware Cooperative Data Uploading in Body-to-body Networks for Healthcare IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 2 |
| 322 | AuGrid: Edge-Enabled Distributed Load Management for Smart Grid Service Providers. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 1-1 | 4 | |
| 321 | DART: Data Plane Load Reduction for Traffic Flow Migration in SDN. <i>IEEE Transactions on Communications</i> , 2021 , 69, 1765-1774 | 6.9 | 4 |
| 320 | . <i>IEEE Sensors Journal</i> , 2021 , 21, 8520-8529 | 4 | 10 |
| 319 | AgriSens: IoT-Based Dynamic Irrigation Scheduling System for Water Management of Irrigated Crops. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 5023-5030 | 10.7 | 19 |
| 318 | AerialBlocks: Blockchain-Enabled UAV Virtualization for Industrial IoT. <i>IEEE Internet of Things Magazine</i> , 2021 , 4, 72-77 | 3.5 | 11 |
| 317 | CORE: Prediction-Based Control Plane Load Reduction in Software-Defined IoT Networks. <i>IEEE Transactions on Communications</i> , 2021 , 69, 1835-1844 | 6.9 | 7 |
| 316 | Channel Modeling of IoT Phantom Networks: Communications in the THz Band 2021 , 6, 665-676 | | 2 |

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|-----|--|------|----|
| 315 | RegPrice: Region-Based Pricing Scheme for Provisioning Safety-as-a-Service in IoT Applications. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3017-3026 | 6.8 | 3 |
| 314 | Containing the Spread of COVID-19 with IoT 2021 , 127-144 | | 2 |
| 313 | FogFL: Fog-Assisted Federated Learning for Resource-Constrained IoT Devices. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 8456-8463 | 10.7 | 18 |
| 312 | Joint Content Sharing and Incentive Mechanism for Cache-Enabled Device-to-Device Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 4993-5002 | 6.8 | 5 |
| 311 | Multiarmed-Bandit-Based Decentralized Computation Offloading in Fog-Enabled IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10010-10017 | 10.7 | 7 |
| 310 | Eaves: An IoT-Based Acoustic Social Distancing Assistant for Pandemic-Like Situations. <i>IEEE Internet of Things Magazine</i> , 2021 , 4, 16-19 | 3.5 | |
| 309 | Heterogeneous polydentate mobile chelating node to detect breach in surveillance sensor network. <i>Security and Privacy</i> , 2021 , 4, e175 | 1.8 | |
| 308 | Internet of Things for Agricultural Applications: The State of the Art. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10973-10997 | 10.7 | 8 |
| 307 | Sway: Traffic-Aware QoS Routing in Software-Defined IoT. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2021 , 9, 390-401 | 4.1 | 31 |
| 306 | Evaluation of Opportunistic Service Provisioning with Ordered Chaining. <i>IEEE Transactions on Services Computing</i> , 2021 , 14, 724-735 | 4.8 | |
| 305 | Blockchain at the Edge: Performance of Resource-Constrained IoT Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 32, 174-183 | 3.7 | 27 |
| 304 | Enabling Collaborative Data Uploading in Body-to-Body Networks. <i>IEEE Communications Letters</i> , 2021 , 25, 538-541 | 3.8 | 5 |
| 303 | S-Nav: Safety-Aware IoT Navigation Tool for Avoiding COVID-19 Hotspots. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 6975-6982 | 10.7 | 9 |
| 302 | DROPS: Dynamic Radio Protocol Selection for Energy-Constrained Wearable IoT Healthcare. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 338-345 | 14.2 | 15 |
| 301 | . <i>IEEE Systems Journal</i> , 2021 , 15, 4413-4420 | 4.3 | 11 |
| 300 | MobiPlace: Mobility-Aware Controller Placement in Software-Defined Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 957-966 | 6.8 | 5 |
| 299 | QSens: QoS-Aware Sensor Node Selection in Sensor-Cloud Architecture. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 527-542 | 0.4 | |
| 298 | DQ-Map: Dynamic Decision Query Mapping for Provisioning Safety-as-a-Service in IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | |

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| 297 | Collaborative Flow-Identification Mechanism for Software-Defined Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | |
| 296 | HeDI: Healthcare Device Interoperability for IoT-Based e-Health Platforms. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 9 |
| 295 | Soft-Health: Software-defined Fog Architecture for IoT Applications in Healthcare. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 3 |
| 294 | . <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 0 |
| 293 | PANDA: Preference-Based Bandwidth Allocation in Fog-Enabled Internet of Underground-Mine Things. <i>IEEE Systems Journal</i> , 2021 , 1-8 | 4.3 | 0 |
| 292 | Mobile Sensor-Cloud for Rendering Sensors-as-a-Service. <i>IEEE Systems Journal</i> , 2021 , 1-12 | 4.3 | 1 |
| 291 | Enabling Multi-Source Device-to-Device Content Delivery in Cellular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1 | 6.8 | 0 |
| 290 | PRISM: Priority-Aware Service Availability in Multi-UAV Networks for IoT Applications. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | |
| 289 | CASE: A Context-Aware Security Scheme for Preserving Data Privacy in IoT-Enabled Society 5.0. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 4 |
| 288 | SecRET. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , 2021 , 15, 1-26 | 1.2 | 3 |
| 287 | Devote: Criticality-Aware Federated Service Provisioning in Fog-Based IoT Environments. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10631-10638 | 10.7 | 2 |
| 286 | DLsense: Distributed Learning-Based Smart Virtual Sensing for Precision Agriculture. <i>IEEE Sensors Journal</i> , 2021 , 21, 17556-17563 | 4 | 3 |
| 285 | Safe-Pass Dynamic Handoff Scheme for Provisioning Safety-as-a-Service in 5G-Enabled Intelligent Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5415-5425 | 6.1 | 14 |
| 284 | . <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2021 , 7, 142-152 | 2.3 | 1 |
| 283 | IoT-to-the-Rescue: A Survey of IoT Solutions for COVID-19-Like Pandemics. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 13145-13164 | 10.7 | 19 |
| 282 | QoS-Aware Sensor Virtualization for Provisioning Green Sensors-as-a-Service. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 1128-1137 | 4 | 4 |
| 281 | EdgeSafe: Dynamic Load Balancing Among Edge Nodes for Provisioning Safety-as-a-Service in Vehicular IoT Applications. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 9320-9329 | 6.8 | 1 |
| 280 | Enabling Green Mobile-Edge Computing for 5G-Based Healthcare Applications. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 1623-1631 | 4 | 14 |

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| 279 | SOS: NDN Based Service-Oriented Game-Theoretic Efficient Security Scheme for IoT Networks. <i>IEEE Transactions on Network and Service Management</i> , 2021 , 18, 3197-3208 | 4.8 | 1 |
| 278 | Magnum: A Distributed Framework for Enabling Transfer Learning in B5G-Enabled Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7133-7140 | 11.9 | 9 |
| 277 | Deep Learning-Based Reliable Routing Attack Detection Mechanism for Industrial Internet of Things. <i>Ad Hoc Networks</i> , 2021 , 123, 102661 | 4.8 | 3 |
| 276 | SEED: QoS-Aware Sustainable Energy Distribution in Smart Grid. <i>IEEE Transactions on Sustainable Computing</i> , 2021 , 1-1 | 3.5 | 3 |
| 275 | Latency-Aware Horizontal Computation Offloading for Parallel Processing in Fog-Enabled IoT. <i>IEEE Systems Journal</i> , 2021 , 1-8 | 4.3 | 2 |
| 274 | Q-Flag: QoS-Aware Flow-Rule Aggregation in Software-Defined IoT Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | |
| 273 | Backhaul-Aware Storage Allocation and Pricing Mechanism for RSU-Based Caching Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1 | 9.6 | 1 |
| 272 | XiA: Send-it-Anyway Q-Routing for 6G-Enabled UAV-LEO Communications. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 6 |
| 271 | Soft-Safe: Software Defined Safety-as-a-Service for Intelligent Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-9 | 6.1 | 0 |
| 270 | Micro-Safe: Microservices- and Deep Learning-Based Safety-as-a-Service Architecture for 6G-Enabled Intelligent Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-10 | 6.1 | 2 |
| 269 | Fido: A String-Based Fuzzy Logic Mechanism for Content Extraction from UAV Data Lakes. <i>IEEE Internet of Things Magazine</i> , 2021 , 4, 24-29 | 3.5 | |
| 268 | Range-Price Trade-off in Sensor-cloud for Provisioning Sensors-as-a-Service. <i>IEEE Transactions on Cloud Computing</i> , 2020 , 1-1 | 3.3 | 2 |
| 267 | Energy-Aware Tracking of Mobile Targets by Bacterial Nanonetworks. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1 | 4.6 | 4 |
| 266 | Long-Term Alleviation of Parkinsonian Resting Tremor Using Wireless Optogenetic Nanonetworks. <i>IEEE Transactions on Nanobioscience</i> , 2020 , 19, 403-409 | 3.4 | |
| 265 | Traffic-Aware Dynamic Controller Assignment in SDN. <i>IEEE Transactions on Communications</i> , 2020 , 68, 4375-4382 | 6.9 | 10 |
| 264 | ECoR: Energy-Aware Collaborative Routing for Task Offload in Sustainable UAV Swarms. <i>IEEE Transactions on Sustainable Computing</i> , 2020 , 5, 514-525 | 3.5 | 6 |
| 263 | P2B: Privacy Preserving Identity-Based Broadcast Proxy Re-Encryption. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5610-5617 | 6.8 | 10 |
| 262 | RACE: QoI-Aware Strategic Resource Allocation for Provisioning Se-aaS. <i>IEEE Transactions on Services Computing</i> , 2020 , 1-1 | 4.8 | 3 |

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| 261 | FlowMan: QoS-Aware Dynamic Data Flow Management in Software-Defined Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 1366-1373 | 14.2 | 4 |
| 260 | T-Safe: Trustworthy Service Provisioning for IoT-Based Intelligent Transport Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 9509-9517 | 6.8 | 11 |
| 259 | SEAL: Self-adaptive AUV-based localization for sparsely deployed Underwater Sensor Networks. <i>Computer Communications</i> , 2020 , 154, 204-215 | 5.1 | 11 |
| 258 | "Phantom Networks": The Intangible Shoot-and-Scoot Communication Paradigm for Future Militaries. <i>IEEE Communications Magazine</i> , 2020 , 58, 66-71 | 9.1 | 1 |
| 257 | Procurement-Based User Association for LTE-Advanced HetNets. <i>IEEE Systems Journal</i> , 2020 , 14, 3194-3201 | 4.0 | 0 |
| 256 | UAV Virtualization for Enabling Heterogeneous and Persistent UAV-as-a-Service. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 6731-6738 | 6.8 | 10 |
| 255 | M-JAW: Mobility-Based Jamming Avoidance in Wireless Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5381-5390 | 6.8 | 4 |
| 254 | QoE Analysis in Cache-Enabled Multi-UAV Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 6680-6687 | 6.8 | 12 |
| 253 | DEFT: Decentralized Multiuser Computation Offloading in a Fog-Enabled IoV Environment. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 15978-15987 | 6.8 | 5 |
| 252 | ORCID: Opportunistic Reconnectivity for Network Management in the Presence of Dumb Nodes in Wireless Sensor Networks. <i>IEEE Systems Journal</i> , 2020 , 14, 9-16 | 4.3 | 1 |
| 251 | Soft-VAN: Mobility-Aware Task Offloading in Software-Defined Vehicular Network. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 2071-2078 | 6.8 | 27 |
| 250 | Distributed aerial processing for IoT-based edge UAV swarms in smart farming. <i>Computer Networks</i> , 2020 , 167, 107038 | 5.4 | 22 |
| 249 | Safe-Serv: Energy-Efficient Decision Delivery for Provisioning Safety-as-a-Service. <i>IEEE Transactions on Services Computing</i> , 2020 , 1-1 | 4.8 | 3 |
| 248 | Blockchain-Enabled Safety-as-a-Service for Industrial IoT Applications. <i>IEEE Internet of Things Magazine</i> , 2020 , 3, 19-23 | 3.5 | 13 |
| 247 | Reconfigure and Reuse: Interoperable Wearables for Healthcare IoT 2020 , | | 6 |
| 246 | SkopEdge: A Traffic-Aware Edge-Based Remote Auscultation Monitor 2020 , | | 2 |
| 245 | QoS-Aware Dynamic Cost Management Scheme for Sensors-as-a-Service. <i>IEEE Transactions on Services Computing</i> , 2020 , 1-1 | 4.8 | 9 |
| 244 | Blockchain-Enabled SDN for Securing Fog-Based Resource-Constrained IoT 2020 , | | 3 |

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| 243 | Energy-Aware Multi-UAV Networks for On-Demand Task Execution 2020 , | | 2 |
| 242 | SensOrch: QoS-Aware Resource Orchestration for Provisioning Sensors-as-a-Service 2020 , | | 1 |
| 241 | PRIME: An Optimal Pricing Scheme for Mobile Sensors-as-a-Service. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1 | 4.6 | 4 |
| 240 | Blockchain-Based Controller Recovery in SDN 2020 , | | 3 |
| 239 | MEGAN: Multipurpose Energy-Efficient, Adaptable, and Low-Cost Wireless Sensor Node for the Internet of Things. <i>IEEE Systems Journal</i> , 2020 , 14, 144-151 | 4.3 | 17 |
| 238 | AMOPE: Performance Analysis of OpenFlow Systems in Software-Defined Networks. <i>IEEE Systems Journal</i> , 2020 , 14, 124-131 | 4.3 | 4 |
| 237 | Mitigating NDN-Based Fake Content Dissemination in Opportunistic Mobile Networks. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 19, 1375-1386 | 4.6 | 1 |
| 236 | MiND: Mind Networked Device Architecture for Attention-Gated Ambient Assisted Living Systems. <i>IEEE Systems Journal</i> , 2020 , 14, 1325-1332 | 4.3 | 1 |
| 235 | Digital twin: current scenario and a case study on a manufacturing process. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 107, 3691-3714 | 3.2 | 29 |
| 234 | Real time monitoring and control of friction stir welding process using multiple sensors. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2020 , 30, 1-11 | 3.4 | 23 |
| 233 | GROSE: Optimal group size estimation for broadcast proxy re-encryption. <i>Computer Communications</i> , 2020 , 157, 369-380 | 5.1 | 1 |
| 232 | Steady-State Analysis of Buffer Occupancy for Different Forwarding Strategies in Mobile Opportunistic Network. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 6951-6963 | 6.8 | 5 |
| 231 | FlowStat: Adaptive Flow-Rule Placement for Per-Flow Statistics in SDN. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 530-539 | 14.2 | 32 |
| 230 | QoS-Aware Dispersed Dynamic Mapping of Virtual Sensors in Sensor-Cloud. <i>IEEE Transactions on Services Computing</i> , 2019 , 1-1 | 4.8 | 10 |
| 229 | Auction-Based Optimal Task Offloading in Mobile Cloud Computing. <i>IEEE Systems Journal</i> , 2019 , 13, 2978-2985 | 4.3 | 14 |
| 228 | SensPnP: Seamless Integration of Heterogeneous Sensors With IoT Devices. <i>IEEE Transactions on Consumer Electronics</i> , 2019 , 65, 205-214 | 4.8 | 16 |
| 227 | Dynamic Big-Data Broadcast in Fat-Tree Data Center Networks With Mobile IoT Devices. <i>IEEE Systems Journal</i> , 2019 , 13, 2898-2905 | 4.3 | 6 |
| 226 | On the Effects of Transfaulty Sensor Nodes in Stationary Wireless Sensor Network Systems. <i>IEEE Sensors Journal</i> , 2019 , 19, 5022-5029 | 4 | 1 |

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|-----|---|------|----|
| 225 | . <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 1159-1166 | 14.2 | 84 |
| 224 | Big-Sensor-Cloud Infrastructure: A Holistic Prototype for Provisioning Sensors-as-a-Service. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 1-1 | 3.3 | 2 |
| 223 | DVSP: Dynamic Virtual Sensor Provisioning in Sensor-Cloud-Based Internet of Things. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 5265-5272 | 10.7 | 14 |
| 222 | Performance Evaluation and Delay-Power Trade-off Analysis of ZigBee Protocol. <i>IEEE Transactions on Mobile Computing</i> , 2019 , 18, 404-416 | 4.6 | 7 |
| 221 | A survey of unmanned aerial sensing solutions in precision agriculture. <i>Journal of Network and Computer Applications</i> , 2019 , 148, 102461 | 7.9 | 28 |
| 220 | In Vivo Channel Characterization for Dengue Virus Infection 2019 , | | 1 |
| 219 | Pricing and Networking in the Sensor-Cloud 2019 , 115-132 | | |
| 218 | Data Flow in the Sensor-Cloud 2019 , 89-114 | | |
| 217 | DENSE: Dynamic Edge Node Selection for Safety-as-a-Service 2019 , | | 10 |
| 216 | OPTIVE: Optimal Configuration of Virtual Sensor in Mobile Sensor-Cloud 2019 , | | 2 |
| 215 | Dynamic Pricing for Sensor-Cloud Platform in the Presence of Dumb Nodes. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 1-1 | 3.3 | 5 |
| 214 | DATUM: Dynamic Topology Control for Underwater Wireless Multimedia Sensor Networks 2019 , | | 3 |
| 213 | Mobi-Flow: Mobility-Aware Adaptive Flow-Rule Placement in Software-Defined Access Network. <i>IEEE Transactions on Mobile Computing</i> , 2019 , 18, 1831-1842 | 4.6 | 18 |
| 212 | Resource-Optimized Multiarmed Bandit-Based Offload Path Selection in Edge UAV Swarms. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4889-4896 | 10.7 | 25 |
| 211 | . <i>IEEE Systems Journal</i> , 2019 , 13, 3921-3928 | 4.3 | 7 |
| 210 | Blind Entity Identification for Agricultural IoT Deployments. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 3156-3163 | 3.63 | 20 |
| 209 | Quality-Assured Secured Load Sharing in Mobile Cloud Networking Environment. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 7, 102-115 | 3.3 | 8 |
| 208 | . <i>IEEE Transactions on Cloud Computing</i> , 2019 , 7, 89-101 | 3.3 | 18 |

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| 207 | RILoD: Reduction of Information Loss in a WSN System in the Presence of Dumb Nodes. <i>IEEE Systems Journal</i> , 2019 , 13, 336-344 | 4.3 | 1 |
| 206 | Buffer Size Evaluation of OpenFlow Systems in Software-Defined Networks. <i>IEEE Systems Journal</i> , 2019 , 13, 1359-1366 | 4.3 | 16 |
| 205 | Cheating-Resilient Bandwidth Distribution in Mobile Cloud Computing. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 7, 469-482 | 3.3 | 1 |
| 204 | Link-Quality-Aware Resource Allocation With Load Balance in Wireless Body Area Networks. <i>IEEE Systems Journal</i> , 2018 , 12, 74-81 | 4.3 | 23 |
| 203 | Assessment of the Suitability of Fog Computing in the Context of Internet of Things. <i>IEEE Transactions on Cloud Computing</i> , 2018 , 6, 46-59 | 3.3 | 332 |
| 202 | Bayesian Cooperative Coalition Game as a Service for RFID-Based Secure QoS Management in Mobile Cloud. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2018 , 6, 58-71 | 4.1 | 6 |
| 201 | Traffic-Aware Efficient Mapping of Wireless Body Area Networks to Health Cloud Service Providers in Critical Emergency Situations. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 2968-2981 | 4.6 | 14 |
| 200 | QoS-Aware Dynamic Caching for Destroyed Virtual Machines in Sensor-Cloud Architecture 2018 , | | 8 |
| 199 | D2D Opportunistic Local Content Dissemination Sans Location Sharing. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 6461-6468 | 6.8 | 6 |
| 198 | Dynamic Connectivity Establishment and Cooperative Scheduling for QoS-Aware Wireless Body Area Networks. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 2775-2788 | 4.6 | 24 |
| 197 | Situation-Aware Protocol Switching in Software-Defined Wireless Sensor Network Systems. <i>IEEE Systems Journal</i> , 2018 , 12, 2353-2360 | 4.3 | 16 |
| 196 | Safe-aaS: Decision Virtualization for Effecting Safety-as-a-Service. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 1690-1697 | 10.7 | 15 |
| 195 | On the Effects of Communication Range Shrinkage of Sensor Nodes in Mobile Wireless Sensor Networks Due to Adverse Environmental Conditions. <i>IEEE Systems Journal</i> , 2018 , 12, 2048-2055 | 4.3 | 5 |
| 194 | Soft-WSN: Software-Defined WSN Management System for IoT Applications. <i>IEEE Systems Journal</i> , 2018 , 12, 2074-2081 | 4.3 | 89 |
| 193 | C2C: Community-Based Cooperative Energy Consumption in Smart Grid. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 4262-4269 | 10.7 | 13 |
| 192 | Energy-Efficient and Distributed Network Management Cost Minimization in Opportunistic Wireless Body Area Networks. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 376-389 | 4.6 | 49 |
| 191 | DEMANDS: Distributed Energy Management Using Noncooperative Scheduling in Smart Grid. <i>IEEE Systems Journal</i> , 2018 , 12, 2645-2653 | 4.3 | 13 |
| 190 | Knowledge discovery for enabling smart Internet of Things: A survey. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2018 , 8, e1276 | 6.9 | 4 |

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| 189 | Sustainable Smart Energy Cyber-Physical System: Can Electric Vehicles Suffice Its Needs? 2018 , | | 4 |
| 188 | A Range-Based Approach for Long-Term Forecast of Weather Using Probabilistic Markov Model 2018 , | | 15 |
| 187 | CARE: Criticality-Aware Data Transmission in CPS-Based Healthcare Systems 2018 , | | 9 |
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