

# Nei Kato

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1806057/publications.pdf>

Version: 2024-02-01

429  
papers

19,121  
citations

12303

69  
h-index

16605

123  
g-index

444  
all docs

444  
docs citations

444  
times ranked

12213  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | HCP: Heterogeneous Computing Platform for Federated Learning Based Collaborative Content Caching Towards 6G Networks. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 112-123.              | 3.2  | 67        |
| 2  | DBF-Based Fusion Control of Transmit Power and Beam Directivity for Flexible Resource Allocation in HTS Communication System Toward B5G. IEEE Transactions on Wireless Communications, 2022, 21, 95-105. | 6.1  | 9         |
| 3  | Intelligent Reflecting Surface (IRS) Allocation Scheduling Method Using Combinatorial Optimization by Quantum Computing. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 1633-1644.         | 3.2  | 10        |
| 4  | Offloading Decision for Mobile Multi-Access Edge Computing in a Multi-Tiered 6G Network. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 1414-1427.   | 3.2  | 35        |
| 5  | Deep Learning-Based Privacy Preservation and Data Analytics for IoT Enabled Healthcare. IEEE Transactions on Industrial Informatics, 2022, 18, 4798-4807.  | 7.2  | 26        |
| 6  | Multi-Agent Deep Reinforcement Learning for Massive Access in 5G and Beyond Ultra-Dense NOMA System. IEEE Transactions on Wireless Communications, 2022, 21, 3057-3070.                                  | 6.1  | 19        |
| 7  | A Survey on Space-Air-Ground-Sea Integrated Network Security in 6G. IEEE Communications Surveys and Tutorials, 2022, 24, 53-87.  | 24.8 | 140       |
| 8  | AI Models for Green Communications Towards 6G. IEEE Communications Surveys and Tutorials, 2022, 24, 210-247.   | 24.8 | 104       |
| 9  | A Smart Internet-Wide Port Scan Approach for Improving IoT Security Under Dynamic WLAN Environments. IEEE Internet of Things Journal, 2022, 9, 11951-11961.  | 5.5  | 5         |
| 10 | A Deep Reinforcement Learning-Based Dynamic Traffic Offloading in Space-Air-Ground Integrated Networks (SAGIN). IEEE Journal on Selected Areas in Communications, 2022, 40, 276-289.                     | 9.7  | 49        |
| 11 | Mobility-Aware User Association Strategy for IRS-Aided mm-Wave Multibeam Transmission Towards 6G. IEEE Journal on Selected Areas in Communications, 2022, 40, 1667-1678.                                 | 9.7  | 16        |
| 12 | Editorial Farewell Message From the Outgoing Editor-in-Chief. IEEE Transactions on Vehicular Technology, 2022, 71, 3-4.  | 3.9  | 0         |
| 13 | Toward Smart and Secure V2X Communication in 5G and Beyond: A UAV-Enabled Aerial Intelligent Reflecting Surface Solution. IEEE Vehicular Technology Magazine, 2022, 17, 66-73.                           | 2.8  | 31        |
| 14 | Network Slicing with Centralized and Distributed Reinforcement Learning for Combined Satellite/Ground Networks in a 6G Environment. IEEE Wireless Communications, 2022, 29, 104-110.                     | 6.6  | 13        |
| 15 | Adaptive Pilot Interval Optimization for Intelligent Reflecting Surface-Aided Communication Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 7963-7966.                                     | 3.9  | 3         |
| 16 | Intelligent Reflecting Surface in 6G Vehicular Communications: A Survey. IEEE Open Journal of Vehicular Technology, 2022, 3, 266-277.  | 3.4  | 26        |
| 17 | Smart Resource Allocation for Mobile Edge Computing: A Deep Reinforcement Learning Approach. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 1529-1541.                                      | 3.2  | 252       |
| 18 | An Intelligent Route Computation Approach Based on Real-Time Deep Learning Strategy for Software Defined Communication Systems. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 1554-1565.   | 3.2  | 73        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Edge Cloud Server Deployment With Transmission Power Control Through Machine Learning for 6G Internet of Things. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 2099-2108.                                | 3.2  | 52        |
| 20 | Blockchain-Based Trust Management for Internet of Vehicles. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 1397-1409.   | 3.2  | 48        |
| 21 | Movement Aware CoMP Handover in Heterogeneous Ultra-Dense Networks. IEEE Transactions on Communications, 2021, 69, 340-352.  | 4.9  | 25        |
| 22 | Deep Learning Techniques for Advancing 6G Communications in the Physical Layer. IEEE Wireless Communications, 2021, 28, 141-147.   | 6.6  | 12        |
| 23 | Application of Cybertwin for Offloading in Mobile Multiaccess Edge Computing for 6G Networks. IEEE Internet of Things Journal, 2021, 8, 16231-16242.   | 5.5  | 31        |
| 24 | Survey on Machine Learning for Intelligent End-to-End Communication Toward 6G: From Network Access, Routing to Traffic Control and Streaming Adaption. IEEE Communications Surveys and Tutorials, 2021, 23, 1578-1598. | 24.8 | 86        |
| 25 | Comprehensive Survey on Machine Learning in Vehicular Network: Technology, Applications and Challenges. IEEE Communications Surveys and Tutorials, 2021, 23, 2027-2057.  | 24.8 | 92        |
| 26 | A Network-Aware Internet-Wide Scan for Security Maximization of IPv6-Enabled WLAN IoT Devices. IEEE Internet of Things Journal, 2021, 8, 8411-8422.  | 5.5  | 28        |
| 27 | Optimizing Computation Offloading in Satellite-UAV-Served 6G IoT: A Deep Learning Approach. IEEE Network, 2021, 35, 102-108.   | 4.9  | 85        |
| 28 | Distributed Q-Learning Aided Uplink Grant-Free NOMA for Massive Machine-Type Communications. IEEE Journal on Selected Areas in Communications, 2021, 39, 2029-2041.  | 9.7  | 34        |
| 29 | Blockchain-Based Key Management for Heterogeneous Flying Ad Hoc Network. IEEE Transactions on Industrial Informatics, 2021, 17, 7629-7638.   | 7.2  | 42        |
| 30 | Novel Computation and Communication Resources Allocation Using Relay Communications in UAV-Mounted Cloudlet Systems. IEEE Transactions on Network Science and Engineering, 2021, 8, 3140-3151.                         | 4.1  | 9         |
| 31 | Intelligent Reflecting Surface-Aided Vehicular Networks Toward 6G: Vision, Proposal, and Future Directions. IEEE Vehicular Technology Magazine, 2021, 16, 48-56.   | 2.8  | 33        |
| 32 | On Smart IoT Remote Sensing over Integrated Terrestrial-Aerial-Space Networks: An Asynchronous Federated Learning Approach. IEEE Network, 2021, 35, 129-135.   | 4.9  | 23        |
| 33 | Envisioning Intelligent Reflecting Surface Empowered Space-Air-Ground Integrated Network. IEEE Network, 2021, 35, 225-232.   | 4.9  | 13        |
| 34 | A Practical Approach for SNR-Based Subchannel Allocation Considering Inter-Beam Interference in a Satellite Communication System. , 2021, , .  |      | 1         |
| 35 | Flexibility-Enhanced HTS System for Disaster Management: Responding to Communication Demand Explosion in a Disaster. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 159-167.                              | 3.2  | 15        |
| 36 | ST-DeLTA: A Novel Spatial-Temporal Value Network Aided Deep Learning Based Intelligent Network Traffic Control System. IEEE Transactions on Sustainable Computing, 2020, 5, 568-580.                                   | 2.2  | 20        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 37 | Probe Delay Based Adaptive Port Scanning for IoT Devices with Private IP Address Behind NAT. IEEE Network, 2020, 34, 195-201.   | 4.9  | 18        |
| 38 | Automobile Driver Fingerprinting: A New Machine Learning Based Authentication Scheme. IEEE Transactions on Industrial Informatics, 2020, 16, 1417-1426.   | 7.2  | 89        |
| 39 | Machine Learning Meets Computation and Communication Control in Evolving Edge and Cloud: Challenges and Future Perspective. IEEE Communications Surveys and Tutorials, 2020, 22, 38-67.                 | 24.8 | 164       |
| 40 | Reinforcement Learning-Based Radio Resource Control in 5G Vehicular Network. IEEE Wireless Communications Letters, 2020, 9, 611-614.  | 3.2  | 44        |
| 41 | AI-Enhanced Cooperative Spectrum Sensing for Non-Orthogonal Multiple Access. IEEE Wireless Communications, 2020, 27, 173-179.   | 6.6  | 48        |
| 42 | Future Intelligent and Secure Vehicular Network Toward 6G: Machine-Learning Approaches. Proceedings of the IEEE, 2020, 108, 292-307.  | 16.4 | 404       |
| 43 | Efficient Delay-Based Internet-Wide Scanning Method for IoT Devices in Wireless LAN. IEEE Internet of Things Journal, 2020, 7, 1364-1374.   | 5.5  | 11        |
| 44 | Smart and Resilient EV Charging in SDN-Enhanced Vehicular Edge Computing Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 217-228.   | 9.7  | 130       |
| 45 | When Machine Learning Meets Privacy in 6G: A Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 2694-2724.  | 24.8 | 111       |
| 46 | Impact of Internet-Wide Scanning on IoT Data Communication in Wireless LANs. , 2020, , .  |      | 0         |
| 47 | Adaptive Multi-Beam Arrangement for Improving Throughput in an HTS Communication System. , 2020, , .  |      | 7         |
| 48 | Intelligent Reflecting Surface Placement Optimization in Air-Ground Communication Networks Toward 6G. IEEE Wireless Communications, 2020, 27, 146-151.  | 6.6  | 109       |
| 49 | Adaptive Channel Selection and Transmission Timing Control for Simultaneous Receiving and Sending in Relay-Based UAV Network. IEEE Transactions on Network Science and Engineering, 2020, 7, 2840-2849. | 4.1  | 11        |
| 50 | Machine Learning-Enabled Cooperative Spectrum Sensing for Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2020, 19, 5692-5702.  | 6.1  | 55        |
| 51 | Guest Editor's Introduction: Special Section on Emerging Technologies for Disaster Management. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 104-105.                                     | 3.2  | 1         |
| 52 | Automatic Content Inspection and Forensics for Children Android Apps. IEEE Internet of Things Journal, 2020, 7, 7123-7134.  | 5.5  | 12        |
| 53 | AI-Based Joint Optimization of QoS and Security for 6G Energy Harvesting Internet of Things. IEEE Internet of Things Journal, 2020, 7, 7032-7042.   | 5.5  | 132       |
| 54 | Envisioning Device-to-Device Communications in 6G. IEEE Network, 2020, 34, 86-91.   | 4.9  | 165       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | Toward Robust and Intelligent Drone Swarm: Challenges and Future Directions. IEEE Network, 2020, 34, 278-283.  | 4.9 | 51        |
| 56 | Deep Reinforcement Learning for Dynamic Uplink/Downlink Resource Allocation in High Mobility 5G HetNet. IEEE Journal on Selected Areas in Communications, 2020, 38, 2773-2782.                                     | 9.7 | 109       |
| 57 | Flexible Resource Allocation With Inter-Beam Interference in Satellite Communication Systems With a Digital Channelizer. IEEE Transactions on Wireless Communications, 2020, 19, 2934-2945.                        | 6.1 | 26        |
| 58 | 6G: Opening New Horizons for Integration of Comfort, Security, and Intelligence. IEEE Wireless Communications, 2020, 27, 126-132.  | 6.6 | 442       |
| 59 | Efficient Power Control for Satellite-Borne Batteries Using Q-Learning in Low-Earth-Orbit Satellite Constellations. IEEE Wireless Communications Letters, 2020, 9, 809-812.  | 3.2 | 32        |
| 60 | Ten Challenges in Advancing Machine Learning Technologies toward 6G. IEEE Wireless Communications, 2020, 27, 96-103.   | 6.6 | 248       |
| 61 | Security Analysis of Network-Oblivious Internet-Wide Scan for IEEE 802.11ah Enabled IoT. , 2020, , .   |     | 0         |
| 62 | Prediction of Network Traffic Load on High Variability Data Based on Distance Correlation. , 2020, , .   |     | 0         |
| 63 | An Absorbing Markov Chain Based Model to Solve Computation and Communication Tradeoff in GPU-Accelerated MDRUs for Safety Confirmation in Disaster Scenarios. IEEE Transactions on Computers, 2019, 68, 1256-1268. | 2.4 | 1         |
| 64 | On Improving Flight Energy Efficiency in Simultaneous Transmission and Reception of Relay Using UAVs. , 2019, , .  |     | 7         |
| 65 | Physical Layer Security in Large-Scale Probabilistic Caching: Analysis and Optimization. IEEE Communications Letters, 2019, 23, 1484-1487.   | 2.5 | 21        |
| 66 | Harvesting and Threat Aware Security Configuration Strategy for IEEE 802.15.4 Based IoT Networks. IEEE Communications Letters, 2019, 23, 2130-2134.  | 2.5 | 37        |
| 67 | An Intelligent Packet Forwarding Approach for Disaster Recovery Networks. , 2019, , .  |     | 2         |
| 68 | Energy-Efficient Group Paging Mechanism for QoS Constrained Mobile IoT Devices Over LTE-A Pro Networks Under 5G. IEEE Internet of Things Journal, 2019, 6, 9187-9199.  | 5.5 | 30        |
| 69 | Attacker Identification and Intrusion Detection for In-Vehicle Networks. IEEE Communications Letters, 2019, 23, 1927-1930.   | 2.5 | 46        |
| 70 | Multilayer Virtual Cell-Based Resource Allocation in Low-Power Wide-Area Networks. IEEE Internet of Things Journal, 2019, 6, 10665-10674.  | 5.5 | 9         |
| 71 | Routing for Crowd Management in Smart Cities: A Deep Reinforcement Learning Perspective. IEEE Communications Magazine, 2019, 57, 88-93.  | 4.9 | 91        |
| 72 | Adaptive Power Resource Allocation With Multi-Beam Directivity Control in High-Throughput Satellite Communication Systems. IEEE Wireless Communications Letters, 2019, 8, 1248-1251.                               | 3.2 | 37        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 73 | Optimal Edge Resource Allocation in IoT-Based Smart Cities. IEEE Network, 2019, 33, 30-35.   | 4.9  | 104       |
| 74 | TSP Security in Intelligent and Connected Vehicles: Challenges and Solutions. IEEE Wireless Communications, 2019, 26, 125-131.   | 6.6  | 63        |
| 75 | Controlling UAV for Maximizing the Number of Receiver Vehicles in Intelligent Transportation Systems. , 2019, , .  |      | 3         |
| 76 | MACH: Movement Aware CoMP Handover in Heterogeneous Ultra-Dense Networks. , 2019, , .  |      | 1         |
| 77 | Collaborative Computation Offloading at UAV-Enhanced Edge. , 2019, , .   |      | 11        |
| 78 | Hyperparameter Study of Machine Learning Solutions for the Edge Server Deployment Problem. , 2019, , .   |      | 0         |
| 79 | Location Awareness System for Drones Flying Beyond Visual Line of Sight Exploiting the 400 MHz Frequency Band. IEEE Wireless Communications, 2019, 26, 149-155.                    | 6.6  | 14        |
| 80 | Efficient Resource Allocation Utilizing Q-Learning in Multiple UA Communications. IEEE Transactions on Network Science and Engineering, 2019, 6, 293-302.                          | 4.1  | 40        |
| 81 | Networking and Communications in Autonomous Driving: A Survey. IEEE Communications Surveys and Tutorials, 2019, 21, 1243-1274.   | 24.8 | 319       |
| 82 | An Internet of Things Traffic-Based Power Saving Scheme in Cloud-Radio Access Network. IEEE Internet of Things Journal, 2019, 6, 3087-3096.  | 5.5  | 26        |
| 83 | Adaptive Frequency Band and Channel Selection for Simultaneous Receiving and Sending in Multiband Communication. IEEE Wireless Communications Letters, 2019, 8, 460-463.           | 3.2  | 14        |
| 84 | A Cross-Domain SDN Architecture for Multi-Layered Space-Terrestrial Integrated Networks. IEEE Network, 2019, 33, 29-35.  | 4.9  | 73        |
| 85 | Proposal and Performance Evaluation of Information Diffusion Technique with Novel Virtual-Cell-Based Wi-Fi Direct. IEEE Transactions on Emerging Topics in Computing, 2019, , 1-1. | 3.2  | 5         |
| 86 | Toward Future Unmanned Aerial Vehicle Networks: Architecture, Resource Allocation and Field Experiments. IEEE Wireless Communications, 2019, 26, 94-99.                            | 6.6  | 54        |
| 87 | Threshold-Based RRH Switching Scheme Considering Baseband Unit Aggregation for Power Saving in a Cloud Radio Access Network. IEEE Systems Journal, 2019, 13, 2676-2687.            | 2.9  | 10        |
| 88 | Optimizing Space-Air-Ground Integrated Networks by Artificial Intelligence. IEEE Wireless Communications, 2019, 26, 140-147.   | 6.6  | 272       |
| 89 | Value Iteration Architecture Based Deep Learning for Intelligent Routing Exploiting Heterogeneous Computing Platforms. IEEE Transactions on Computers, 2019, 68, 939-950.          | 2.4  | 29        |
| 90 | Multi-Hop Wireless Transmission in Multi-Band WLAN Systems: Proposal and Future Perspective. IEEE Wireless Communications, 2019, 26, 108-113.                                      | 6.6  | 23        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | On A Novel Adaptive UAV-Mounted Cloudlet-Aided Recommendation System for LBSNs. IEEE Transactions on Emerging Topics in Computing, 2019, 7, 565-577.   | 3.2 | 75        |
| 92  | An Adaptive Beam Control Technique for Q Band Satellite to Maximize Diversity Gain and Mitigate Interference to Terrestrial Networks. IEEE Transactions on Emerging Topics in Computing, 2019, 7, 115-122. | 3.2 | 19        |
| 93  | Development of Resilient Information and Communications Technology for Relief Against Natural Disasters. Journal of Disaster Research, 2019, 14, 348-362.  | 0.4 | 3         |
| 94  | Development of Movable and Deployable ICT Resource Unit (MDRU) and its Overseas Activities. Journal of Disaster Research, 2019, 14, 363-374.   | 0.4 | 4         |
| 95  | Construction of a Flexibility Analysis Model for Flexible High-Throughput Satellite Communication Systems With a Digital Channelizer. IEEE Transactions on Vehicular Technology, 2018, 67, 2097-2107.      | 3.9 | 43        |
| 96  | Characterizing Flow, Application, and User Behavior in Mobile Networks: A Framework for Mobile Big Data. IEEE Wireless Communications, 2018, 25, 40-49.  | 6.6 | 25        |
| 97  | Virtual Cell Based Resource Allocation for Efficient Frequency Utilization in Unmanned Aircraft Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 3495-3504.                                   | 3.9 | 55        |
| 98  | Joint Placement of Controllers and Gateways in SDN-Enabled 5G-Satellite Integrated Network. IEEE Journal on Selected Areas in Communications, 2018, 36, 221-232.   | 9.7 | 134       |
| 99  | Optimal Satellite Gateway Placement in Space-Ground Integrated Network for Latency Minimization With Reliability Guarantee. IEEE Wireless Communications Letters, 2018, 7, 174-177.                        | 3.2 | 48        |
| 100 | Cloudlets Activation Scheme for Scalable Mobile Edge Computing with Transmission Power Control and Virtual Machine Migration. IEEE Transactions on Computers, 2018, 67, 1287-1300.                         | 2.4 | 154       |
| 101 | Threshold Tuning-Based Wearable Sensor Fault Detection for Reliable Medical Monitoring Using Bayesian Network Model. IEEE Systems Journal, 2018, 12, 1886-1896.  | 2.9 | 43        |
| 102 | On Minimizing Energy Consumption in FiWi Enhanced LTE-A HetNets. IEEE Transactions on Emerging Topics in Computing, 2018, 6, 579-591.  | 3.2 | 21        |
| 103 | On Removing Routing Protocol from Future Wireless Networks: A Real-time Deep Learning Approach for Intelligent Traffic Control. IEEE Wireless Communications, 2018, 25, 154-160.                           | 6.6 | 197       |
| 104 | AC-POCA: Anticoordination Game Based Partially Overlapping Channels Assignment in Combined UAV and D2D-Based Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 1672-1683.                     | 3.9 | 237       |
| 105 | Deep Spatiotemporal Partially Overlapping Channel Allocation: Joint CNN and Activity Vector Approach. , 2018, , .  |     | 5         |
| 106 | Multilayer Virtual-Cell-Based Resource Allocation in Unmanned Aircraft Systems. , 2018, , .  |     | 1         |
| 107 | UAV-Assisted Information Diffusion Technique with Uniquely Virtual Cells Based on Wi-Fi Direct. , 2018, , .  |     | 3         |
| 108 | On Intelligent Traffic Control for Large-Scale Heterogeneous Networks: A Value Matrix-Based Deep Learning Approach. IEEE Communications Letters, 2018, 22, 2479-2482.                                      | 2.5 | 39        |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 109 | On Extracting the Spatial-Temporal Features of Network Traffic Patterns: A Tensor Based Deep Learning Model. , 2018, , .   |      | 4         |
| 110 | A Deep-Learning-Based Radio Resource Assignment Technique for 5G Ultra Dense Networks. IEEE Network, 2018, 32, 28-34.  | 4.9  | 128       |
| 111 | Optimal Satellite Gateway Placement in Space-Ground Integrated Networks. IEEE Network, 2018, 32, 32-37.  | 4.9  | 58        |
| 112 | On a Novel Deep-Learning-Based Intelligent Partially Overlapping Channel Assignment in SDN-IoT. IEEE Communications Magazine, 2018, 56, 80-86.                                 | 4.9  | 97        |
| 113 | A Novel Non-Supervised Deep-Learning-Based Network Traffic Control Method for Software Defined Wireless Networks. IEEE Wireless Communications, 2018, 25, 74-81.               | 6.6  | 96        |
| 114 | A Novel Radio Resource Optimization Method for Relay-Based Unmanned Aerial Vehicles. IEEE Transactions on Wireless Communications, 2018, 17, 7352-7363.                        | 6.1  | 30        |
| 115 | An Intelligent Traffic Load Prediction-Based Adaptive Channel Assignment Algorithm in SDN-IoT: A Deep Learning Approach. IEEE Internet of Things Journal, 2018, 5, 5141-5154.  | 5.5  | 198       |
| 116 | Mobile-Edge Computation Offloading for Ultradense IoT Networks. IEEE Internet of Things Journal, 2018, 5, 4977-4988.   | 5.5  | 238       |
| 117 | Cross-Layer Data Delivery in Satellite-Aerial-Terrestrial Communication. IEEE Wireless Communications, 2018, 25, 138-143.  | 6.6  | 52        |
| 118 | Model Predictive Joint Transmit Power Control for Improving System Availability in Energy-Harvesting Wireless Mesh Networks. IEEE Communications Letters, 2018, 22, 2112-2115. | 2.5  | 13        |
| 119 | Novel Group Paging Scheme for Improving Energy Efficiency of IoT Devices over LTE-A Pro Networks with QoS Considerations. , 2018, , .  |      | 6         |
| 120 | Space-Air-Ground Integrated Network: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2714-2741.   | 24.8 | 634       |
| 121 | A novel information diffusing method with virtual cells based Wi-Fi direct in disaster area networks. , 2018, , .  |      | 4         |
| 122 | An Efficient Safety Confirmation Method Using Image Database in Multiple-MDRU-Based Disaster Recovery Network. IEEE Systems Journal, 2017, 11, 2556-2565.                      | 2.9  | 9         |
| 123 | Effectively Collecting Data for the Location-Based Authentication in Internet of Things. IEEE Systems Journal, 2017, 11, 1403-1411.  | 2.9  | 32        |
| 124 | A Mobility Analytical Framework for Big Mobile Data in Densely Populated Area. IEEE Transactions on Vehicular Technology, 2017, 66, 1443-1455.                                 | 3.9  | 78        |
| 125 | Challenges of Content-Centric Mobile Networks. IEEE Network, 2017, 31, 2-2.  | 4.9  | 3         |
| 126 | Selected papers from IEEE/CIC ICC 2016. China Communications, 2017, 14, 18-19.   | 2.0  | 0         |



| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 127 | A Survey on Network Methodologies for Real-Time Analytics of Massive IoT Data and Open Research Issues. IEEE Communications Surveys and Tutorials, 2017, 19, 1457-1477.                                     | 24.8 | 300       |
| 128 | State-of-the-Art Deep Learning: Evolving Machine Intelligence Toward Tomorrow's Intelligent Network Traffic Control Systems. IEEE Communications Surveys and Tutorials, 2017, 19, 2432-2455.                | 24.8 | 611       |
| 129 | Routing or Computing? The Paradigm Shift Towards Intelligent Computer Network Packet Transmission Based on Deep Learning. IEEE Transactions on Computers, 2017, 66, 1946-1960.                              | 2.4  | 275       |
| 130 | A Novel Embedding Method for Information Diffusion Prediction in Social Network Big Data. IEEE Transactions on Industrial Informatics, 2017, 13, 2097-2105.   | 7.2  | 51        |
| 131 | The Deep Learning Vision for Heterogeneous Network Traffic Control: Proposal, Challenges, and Future Perspective. IEEE Wireless Communications, 2017, 24, 146-153.  | 6.6  | 343       |
| 132 | GT-QoSec: A Game-Theoretic Joint Optimization of QoS and Security for Differentiated Services in Next Generation Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2017, 16, 1037-1050. | 6.1  | 36        |
| 133 | An evaluation of flexible frequency utilization in high throughput satellite communication systems with digital channelizer. , 2017, , .  |      | 6         |
| 134 | Guest Editorial "Things as Intelligent Sensors and Actuators in the Users' Context: Processing and Communications Issues. IEEE Internet of Things Journal, 2017, 4, 297-298.                                | 5.5  | 2         |
| 135 | A Feedback Control-Based Crowd Dynamics Management in IoT System. IEEE Internet of Things Journal, 2017, 4, 1466-1476.  | 5.5  | 60        |
| 136 | Hybrid Method for Minimizing Service Delay in Edge Cloud Computing Through VM Migration and Transmission Power Control. IEEE Transactions on Computers, 2017, 66, 810-819.                                  | 2.4  | 313       |
| 137 | On Physical Layer Security in Finite-Area Wireless Networks: An Analysis Framework. , 2017, , .   |      | 4         |
| 138 | A TD-LTE-A Based Efficient Radio Access Scheme for Real-Time Data Transmission over Relay Unmanned Aerial Vehicle Networks. , 2017, , .   |      | 6         |
| 139 | Multi-Carrier Relaying for Successive Data Transfer in Earth Observation Satellite Constellations. , 2017, , .  |      | 6         |
| 140 | A Tensor Based Deep Learning Technique for Intelligent Packet Routing. , 2017, , .  |      | 33        |
| 141 | Postdisaster User Location Maneuvering Method for Improving the QoE Guaranteed Service Time in Energy Harvesting Small Cell Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9410-9420.       | 3.9  | 32        |
| 142 | Reviewing the Performance of IEEE Network. IEEE Network, 2017, 31, 2-2.   | 4.9  | 0         |
| 143 | An efficient throughput-aware resource allocation technique for data transmission in unmanned aircraft systems. , 2017, , .   |      | 9         |
| 144 | A PSO model with VM migration and transmission power control for low Service Delay in the multiple cloudlets ECC scenario. , 2017, , .  |      | 18        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 145 | QoS-Guaranteed and Sustainable User Position Guidance for Post-Disaster Cloud Radio Access Network. , 2016, , .  |     | 3         |
| 146 | Optimizing Uplink Resource Allocation for D2D Overlaying Cellular Networks with Power Control. , 2016, , .   |     | 12        |
| 147 | Throughput maximization for long-distance real-time data transmission over multiple UAVs. , 2016, , .  |     | 27        |
| 148 | Optimizing Channel Allocation for D2D Overlaying Multi-Channel Downlink Cellular Networks. , 2016, , .   |     | 5         |
| 149 | Towards a Low-Delay Edge Cloud Computing through a Combined Communication and Computation Approach. , 2016, , .  |     | 9         |
| 150 | On device-to-device (D2D) communication [Editor's note]. IEEE Network, 2016, 30, 2-2.  | 4.9 | 5         |
| 151 | On 5G wireless systems [Editor's Note]. IEEE Network, 2016, 30, 2-3.   | 4.9 | 0         |
| 152 | On cooperative jamming in wireless networks with eavesdroppers at arbitrary locations. , 2016, , .   |     | 4         |
| 153 | Device-to-Device Communication for Mobile Multimedia in Emerging 5G Networks. ACM Transactions on Multimedia Computing, Communications and Applications, 2016, 12, 1-20. | 3.0 | 28        |
| 154 | A mobility-based mode selection technique for fair spatial dissemination of data in multi-channel device-to-device communication. , 2016, , .                            |     | 3         |
| 155 | Statistics for the past six months [Editor's Note]. IEEE Network, 2016, 30, 2-2.   | 4.9 | 0         |
| 156 | Energy-Efficient Service Multiplexing on Profile-Based TWDM Access Systems. IEEE Internet of Things Journal, 2016, 3, 1427-1436.   | 5.5 | 2         |
| 157 | A Novel Graph-Based Topology Control Cooperative Algorithm for Maximizing Throughput of Disaster Recovery Networks. , 2016, , .  |     | 5         |
| 158 | Energy Consumption Minimization for FiWi Enhanced LTE-A HetNets with UE Connection Constraint. , 2016, 54, 56-62.  |     | 41        |
| 159 | Divide-and-conquer based cooperative jamming: Addressing multiple eavesdroppers in close proximity. , 2016, , .  |     | 10        |
| 160 | GHAR: Graph-based hybrid adaptive routing for cognitive radio based disaster response networks. , 2016, , .  |     | 4         |
| 161 | An adaptive beam control technique for diversity gain maximization in LEO satellite to ground transmissions. , 2016, , .   |     | 14        |
| 162 | Challenges of anything as a service in the cloud [Editor's Note]. IEEE Network, 2016, 30, 2-2.   | 4.9 | 0         |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 163 | Mobile Social Networks: Prospects and Challenges. IEEE Network, 2016, 30, 2-2.   | 4.9  | 0         |
| 164 | ECO-UDC: An energy efficient data collection method for disaster area networks. , 2016, , .  |      | 5         |
| 165 | Reliability evaluation for NFV deployment of future mobile broadband networks. IEEE Wireless Communications, 2016, 23, 90-96.  | 6.6  | 77        |
| 166 | Joint optimization of QoS and security for differentiated applications in heterogeneous networks. IEEE Wireless Communications, 2016, 23, 74-81.   | 6.6  | 12        |
| 167 | A dynamic trajectory control algorithm for improving the communication throughput and delay in UAV-aided networks. IEEE Network, 2016, 30, 100-105.  | 4.9  | 175       |
| 168 | Virtual-MIMO-Boosted Information Propagation on Highways. IEEE Transactions on Wireless Communications, 2016, 15, 1420-1431.   | 6.1  | 12        |
| 169 | On cloud computing [Editor's Note]. IEEE Network, 2016, 30, 2-2.   | 4.9  | 4         |
| 170 | Stand-Alone and Cooperative Deep Sleep for Battery-Driven Optical Network Unit. IEEE Internet of Things Journal, 2016, 3, 494-502.   | 5.5  | 6         |
| 171 | Bringing movable and deployable networks to disaster areas: development and field test of MDRU. IEEE Network, 2016, 30, 86-91.   | 4.9  | 63        |
| 172 | A Markovian Analysis for Explicit Probabilistic Stopping-Based Information Propagation in Postdisaster Ad Hoc Mobile Networks. IEEE Transactions on Wireless Communications, 2016, 15, 81-90.                        | 6.1  | 41        |
| 173 | New Perspectives on Future Smart FiWi Networks: Scalability, Reliability, and Energy Efficiency. IEEE Communications Surveys and Tutorials, 2016, 18, 1045-1072.   | 24.8 | 118       |
| 174 | On the Outage Probability of Device-to-Device-Communication-Enabled Multichannel Cellular Networks: An RSS-Threshold-Based Perspective. IEEE Journal on Selected Areas in Communications, 2016, 34, 163-175.         | 9.7  | 184       |
| 175 | DAPA: Capacity Optimization in Wireless Networks Through a Combined Design of Density of Access Points and Partially Overlapped Channel Allocation. IEEE Transactions on Vehicular Technology, 2016, 65, 3715-3722.  | 3.9  | 32        |
| 176 | A novel network design and operation for reducing transmission power in cloud radio access network with power over fiber. , 2015, , .  |      | 3         |
| 177 | A Power-Aware Air Interface Scheduling Scheme for Improving Network Connectivity in Solar Powered Wireless Mesh Networks. , 2015, , .  |      | 0         |
| 178 | Guest Editorial: Special Issue of <i>IEEE Transactions on Emerging Topics in Computing</i> on Emerging Mobile and Ubiquitous Systems Partâ€”II. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 305-306. | 3.2  | 1         |
| 179 | Bus-Ads: Bus-based priced advertising in VANETs using coalition formation game. , 2015, , .  |      | 7         |
| 180 | Evolution of Smart Grids. Springer Briefs in Electrical and Computer Engineering, 2015, , .  | 0.3  | 14        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 181 | A stochastic geometry analysis of D2D overlaying multi-channel downlink cellular networks. , 2015, , .  |     | 48        |
| 182 | Relay by Smart Device: Innovative Communications for Efficient Information Sharing Among Vehicles and Pedestrians. IEEE Vehicular Technology Magazine, 2015, 10, 54-62.                     | 2.8 | 57        |
| 183 | QoE-Guaranteed and Power-Efficient Network Operation for Cloud Radio Access Network With Power Over Fiber. IEEE Transactions on Computational Social Systems, 2015, 2, 127-136.             | 3.2 | 24        |
| 184 | Characterizing and modeling of large-scale traffic in mobile network. , 2015, , .   |     | 1         |
| 185 | Earth Stations deployment for maximizing system throughput in Satellite/Solar-Powered Mesh Integrated Network. , 2015, , .  |     | 1         |
| 186 | A modeling technique utilizing feedback control theory for performance evaluation of IoT system in real-time. , 2015, , .   |     | 8         |
| 187 | Toward Fair Maximization of Energy Efficiency in Multiple UAS-Aided Networks: A Game-Theoretic Methodology. IEEE Transactions on Wireless Communications, 2015, 14, 305-316.                | 6.1 | 46        |
| 188 | A MPCP-Based Centralized Rate Control Method for Mobile Stations in FiWi Access Networks. IEEE Wireless Communications Letters, 2015, 4, 205-208.   | 3.2 | 65        |
| 189 | A Cooperative ONU Sleep Method for Reducing Latency and Energy Consumption of STA in Smart-FiWi Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2621-2629.       | 4.0 | 13        |
| 190 | Throughput and Delay Tradeoffs for Mobile Ad Hoc Networks With Reference Point Group Mobility. IEEE Transactions on Wireless Communications, 2015, 14, 1266-1279.                           | 6.1 | 24        |
| 191 | Device-to-Device Communication Overlaying Two-Hop Multi-Channel Uplink Cellular Networks. , 2015, , .   |     | 37        |
| 192 | An Energy-Efficient and Delay-Aware Wireless Computing System for Industrial Wireless Sensor Networks. IEEE Access, 2015, 3, 1026-1035.   | 2.6 | 51        |
| 193 | Special Issue of the IEEE Transactions on Emerging Topics in Computing on Emerging Mobile and Ubiquitous Systems Part I. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 5-7.   | 3.2 | 0         |
| 194 | An efficient utilization of intermittent surface-terrestrial satellite optical links by using mass storage device embedded in satellites. Performance Evaluation, 2015, 87, 37-46.          | 0.9 | 10        |
| 195 | On the Energy-Efficient of Throughput-Based Scheme Using Renewable Energy for Wireless Mesh Networks in Disaster Area. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 420-431. | 3.2 | 29        |
| 196 | Average rate analysis for a D2D overlaying two-tier downlink cellular network. , 2015, , .  |     | 9         |
| 197 | Device-to-device communications for enhancing quality of experience in software defined multi-tier LTE-A networks. IEEE Network, 2015, 29, 46-52.   | 4.9 | 172       |
| 198 | Field measurement of an implemented solar powered BS-based wireless mesh network. IEEE Wireless Communications, 2015, 22, 137-143.  | 6.6 | 9         |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 199 | A Failure-Tolerant and Spectrum-Efficient Wireless Data Center Network Design for Improving Performance of Big Data Mining. , 2015, , .   |      | 5         |
| 200 | A method for collecting uniform amount of fresh data from areas with varying population density. , 2015, , .  |      | 0         |
| 201 | A cloud radio access network with power over fiber toward 5G networks: QoE-guaranteed design and operation. IEEE Wireless Communications, 2015, 22, 58-64.                                | 6.6  | 34        |
| 202 | Dynamic Replication and Forwarding Control Based on Node Surroundings in Cooperative Delay-Tolerant Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2711-2719. | 4.0  | 10        |
| 203 | Global and individual mobility pattern discovery based on hotspots. , 2015, , .   |      | 10        |
| 204 | Challenges in Smart Grid. Springer Briefs in Electrical and Computer Engineering, 2015, , 17-23.  | 0.3  | 0         |
| 205 | A novel access control scheme to construct fresh database of ambient information in Internet of Things. , 2015, , .   |      | 1         |
| 206 | Device-to-Device Communication in LTE-Advanced Networks: A Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 1923-1940.  | 24.8 | 541       |
| 207 | A Distributed Paradigm for Power Loss Reduction in Micro-Grids. Springer Briefs in Electrical and Computer Engineering, 2015, , 65-75.  | 0.3  | 0         |
| 208 | Demand Response Challenge in Smart Grid. Springer Briefs in Electrical and Computer Engineering, 2015, , 25-37.   | 0.3  | 0         |
| 209 | Resource allocation for data gathering in UAV-aided wireless sensor networks. , 2014, , .   |      | 15        |
| 210 | A novel distributed algorithm for power loss minimizing in Smart Grid. , 2014, , .  |      | 16        |
| 211 | An efficient utilization of intermittent satellite-to-ground links by using mass storage device embedded in satellites. , 2014, , .   |      | 1         |
| 212 | An efficient traffic detouring method by using device-to-device communication technologies in heterogeneous network. , 2014, , .  |      | 16        |
| 213 | Joint design of density of access points and partially overlapped channel assignment for capacity optimization in wireless networks. , 2014, , .  |      | 3         |
| 214 | On joint optimal placement of access points and partially overlapping channel assignment for wireless networks. , 2014, , .   |      | 7         |
| 215 | A Performance Evaluation of Multiple MDRUs Based Wireless Mesh Networks. , 2014, , .  |      | 2         |
| 216 | Throughput-delay tradeoff in mobile ad hoc networks with correlated mobility. , 2014, , .   |      | 5         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 217 | Editorial for the special issue of Wiley Security and Communication Networks Journal devoted to security in smart grid. Security and Communication Networks, 2014, 7, 157-159. | 1.0 | 0         |
| 218 | Synchronized Power Saving Mechanisms for Battery-Powered Mobile Terminals in Smart FiWi Networks. , 2014, , .  |     | 8         |
| 219 | On Efficient Traffic Distribution for Disaster Area Communication Using Wireless Mesh Networks. Wireless Personal Communications, 2014, 74, 1311-1327.                         | 1.8 | 15        |
| 220 | Toward Energy Efficient Big Data Gathering in Densely Distributed Sensor Networks. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 388-397.                        | 3.2 | 110       |
| 221 | A novel communication mode selection technique for DTN over MANET architecture. , 2014, , .  |     | 7         |
| 222 | GTES: An Optimized Game-Theoretic Demand-Side Management Scheme for Smart Grid. IEEE Systems Journal, 2014, 8, 588-597.  | 2.9 | 156       |
| 223 | Device-to-device communications achieve efficient load balancing in LTE-advanced networks. IEEE Wireless Communications, 2014, 21, 57-65.                                      | 6.6 | 202       |
| 224 | An overlay network construction technique for minimizing the impact of physical network disruption in cloud storage systems. , 2014, , .                                       |     | 0         |
| 225 | GT-CFS: A Game Theoretic Coalition Formulation Strategy for Reducing Power Loss in Micro Grids. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2307-2317.    | 4.0 | 91        |
| 226 | Replication Control for Ensuring Reliability of Convergecast Message Delivery in Infrastructure-Aided DTNs. IEEE Transactions on Vehicular Technology, 2014, 63, 3223-3231.    | 3.9 | 16        |
| 227 | On Optimally Reducing Power Loss in Micro-grids With Power Storage Devices. IEEE Journal on Selected Areas in Communications, 2014, 32, 1361-1370.                             | 9.7 | 56        |
| 228 | Context-aware task allocation for fast parallel big data processing in optical-wireless networks. , 2014, , .  |     | 5         |
| 229 | A partially centralized messaging control scheme using star topology in delay and disruption tolerant networks. , 2014, , .  |     | 2         |
| 230 | An optimal data collection technique for improved utility in UAS-aided networks. , 2014, , .   |     | 71        |
| 231 | Toward integrating overlay and physical networks for robust parallel processing architecture. IEEE Network, 2014, 28, 40-45.   | 4.9 | 6         |
| 232 | An Overlay-Based Data Mining Architecture Tolerant to Physical Network Disruptions. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 292-301.                       | 3.2 | 8         |
| 233 | Relay-by-smartphone: realizing multihop device-to-device communications. , 2014, 52, 56-65.  |     | 322       |
| 234 | Traffic Pattern-Based Content Leakage Detection for Trusted Content Delivery Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 301-309.               | 4.0 | 8         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 235 | Energy-Aware Routing for Wireless Sensor Networks. Signals and Communication Technology, 2014, , 201-234.  | 0.4 | 4         |
| 236 | An efficient method for minimizing energy consumption of user equipment in storage-embedded heterogeneous networks. IEEE Wireless Communications, 2014, 21, 70-76.                 | 6.6 | 16        |
| 237 | A Spectrum- and Energy-Efficient Scheme for Improving the Utilization of MDRU-Based Disaster Resilient Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 2027-2037.   | 3.9 | 29        |
| 238 | Prospects and challenges of context-aware multimedia content delivery in cooperative satellite and terrestrial networks. , 2014, 52, 55-61.  |     | 35        |
| 239 | Internet of Things (IoT): Present State and Future Prospects. IEICE Transactions on Information and Systems, 2014, E97.D, 2568-2575.   | 0.4 | 43        |
| 240 | Digital forensics in mobile computing system and ubiquitous wireless networks. Security and Communication Networks, 2014, 7, 2492-2494.  | 1.0 | 1         |
| 241 | Eic Message. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 252-253.  | 3.2 | 0         |
| 242 | A Power-Aware Air Interface Scheduling Scheme for Improving Network Connectivity in Solar Powered Wireless Mesh Networks. , 2014, , .  |     | 1         |
| 243 | Performance Modeling for Relay Cooperation in Delay Tolerant Networks. Mobile Networks and Applications, 2013, 18, 186-194.  | 2.2 | 5         |
| 244 | Cluster-Based Certificate Revocation with Vindication Capability for Mobile Ad Hoc Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 239-249.             | 4.0 | 54        |
| 245 | Throughput Capacity of MANETs with Power Control and Packet Redundancy. IEEE Transactions on Wireless Communications, 2013, 12, 3035-3047.   | 6.1 | 20        |
| 246 | On the Delivery Probability of Two-Hop Relay MANETs with Erasure Coding. IEEE Transactions on Communications, 2013, 61, 1314-1326.   | 4.9 | 19        |
| 247 | Intrusion detection system (IDS) for combating attacks against cognitive radio networks. IEEE Network, 2013, 27, 51-56.  | 4.9 | 58        |
| 248 | A Novel Gateway Selection Technique for Throughput Optimization in Configurable Wireless Mesh Networks. International Journal of Wireless Information Networks, 2013, 20, 195-203. | 1.8 | 12        |
| 249 | On the throughput evaluation of wireless mesh network deployed in disaster areas. , 2013, , .  |     | 10        |
| 250 | On the optimal transmission distance for power-aware routing in Ad Hoc networks. , 2013, , .   |     | 3         |
| 251 | Smart FiWi Networks: Challenges and Solutions for QoS and Green Communications. IEEE Intelligent Systems, 2013, 28, 86-91.   | 4.0 | 29        |
| 252 | Modeling ad hoc mobile networks: The general k-hop relay routing. , 2013, , .  |     | 0         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 253 | Improving the performance of FiWi networks through collaboration between ONU and APs. , 2013, , .   |     | 3         |
| 254 | Toward modeling ad hoc networks: current situation and future direction. IEEE Wireless Communications, 2013, 20, 51-58.                                       | 6.6 | 16        |
| 255 | A Framework for Information Propagation in Mobile Sensor Networks. , 2013, , .  |     | 3         |
| 256 | Disaster-resilient networking: a new vision based on movable and deployable resource units. IEEE Network, 2013, 27, 40-46.                                    | 4.9 | 130       |
| 257 | On the fast-convergence of delay-based load balancing over multipaths for dynamic traffic environments. , 2013, , .   |     | 1         |
| 258 | Toward terminal-to-terminal communication networks: A hybrid MANET and DTN approach. , 2013, , .  |     | 14        |
| 259 | A novel routing method for improving message delivery delay in hybrid DTN-MANET networks. , 2013, , .   |     | 11        |
| 260 | Cross Layer Analysis on ONU Energy Consumption in Smart FiWi Networks. IEEE Wireless Communications Letters, 2013, 2, 695-698.                                | 3.2 | 21        |
| 261 | Mesh router selection to maximize system throughput in dense Wireless Mesh Networks. , 2013, , .  |     | 2         |
| 262 | A novel game-based demand side management scheme for smart grid. , 2013, , .  |     | 15        |
| 263 | Effective Data Collection Via Satellite-Routed Sensor System (SRSS) to Realize Global-Scaled Internet of Things. IEEE Sensors Journal, 2013, 13, 3645-3654.   | 2.4 | 71        |
| 264 | THUP: A P2P Network Robust to Churn and DoS Attack Based on Bimodal Degree Distribution. IEEE Journal on Selected Areas in Communications, 2013, 31, 247-256. | 9.7 | 16        |
| 265 | A centralized multiple access scheme for data gathering in Satellite-Routed Sensor System (SRSS). , 2013, , .   |     | 2         |
| 266 | An intelligent routing scheme effectively utilizing mass storage embedded on satellites to mitigate network congestions. , 2013, , .                          |     | 2         |
| 267 | On Characterizing Peer-to-Peer Streaming Traffic. IEEE Journal on Selected Areas in Communications, 2013, 31, 175-188.  | 9.7 | 7         |
| 268 | On the Effect of Data Request Message Flooding in Dense Wireless Sensor Networks with a Mobile Sink. , 2013, , .  |     | 2         |
| 269 | Throughput analysis for two-hop relay mobile ad hoc networks with receiver probing. , 2013, , .   |     | 0         |
| 270 | A divide and conquer approach for efficient bandwidth allocation in next generation satellite-routed sensor system (SRSS). , 2013, , .                        |     | 0         |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 271 | Packet Transfer Delay Minimization by Network-Wide Equalization of Unbalanced Traffic Load in Multi-Layered Satellite Networks. , 2013, , .   |     | 3         |
| 272 | Toward Optimized Traffic Distribution for Efficient Network Capacity Utilization in Two-Layered Satellite Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 1303-1313.               | 3.9 | 97        |
| 273 | Performance modeling of three-hop relay routing in Intermittently Connected Mobile Networks. , 2013, , .  |     | 1         |
| 274 | An Efficient Data Transfer Method for Distributed Storage System over Satellite Networks. , 2013, , .   |     | 1         |
| 275 | On the effect of cooperation between power saving mechanisms in WLANs and PONs. , 2013, , .   |     | 10        |
| 276 | Fairness issue in message delivery in delay- and Disruption-Tolerant Networks for disaster areas. , 2013, , .   |     | 23        |
| 277 | MA-LTRT: A Novel Method to Improve Network Connectivity and Power Consumption in Mobile Ad-hoc Based Cyber-Physical Systems. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 366-374. | 3.2 | 13        |
| 278 | A Traffic Distribution Technique to Minimize Packet Delivery Delay in Multilayered Satellite Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 3315-3324.                            | 3.9 | 70        |
| 279 | Special Issue on Cyber-Physical Systems (CPS)â€™Part II. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 203-206.   | 3.2 | 1         |
| 280 | Special Issue on Cyber-Physical Systems (CPS)â€™Part I. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 6-9.  | 3.2 | 2         |
| 281 | Characterizing the Impact of Non-uniform Deployment of APs on Network Performance under Partially Overlapped Channels. Lecture Notes in Computer Science, 2013, , 244-254.                        | 1.0 | 0         |
| 282 | Optimal Forwarding Games in Mobile Ad Hoc Networks with Two-Hop f-cast Relay. IEEE Journal on Selected Areas in Communications, 2012, 30, 2169-2179.  | 9.7 | 13        |
| 283 | Guest Editors' Introduction: Special Issue on Cyber-Physical Systems (CPS). IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1569-1571.   | 4.0 | 3         |
| 284 | A delay-based traffic distribution technique for Multi-Layered Satellite Networks. , 2012, , .  |     | 7         |
| 285 | Optimal rate selection scheme in a two-hop relay network adopting Chase combining HARQ in Rayleigh block-fading channels. , 2012, , .   |     | 6         |
| 286 | A game theoretic approach to integrate security with Quality of Service. , 2012, , .  |     | 4         |
| 287 | Assessing packet delivery delay in multi-layered satellite networks. , 2012, , .  |     | 15        |
| 288 | On real-time data gathering in next generation satellite-routed sensor system (SRSS). , 2012, , .   |     | 6         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 289 | Capacity vs. delivery delay in MANETs with power control and f-cast relay. , 2012, , .   |     | 1         |
| 290 | Dynamic topology update mechanism in local tree-based reliable topology (LTRT) based MANETs. , 2012, , .   |     | 3         |
| 291 | Delivery ratio in two-hop relay MANETs with limited message lifetime and redundancy. , 2012, , .   |     | 4         |
| 292 | A bandwidth allocation method to improve user QoS satisfaction without decreasing system throughput in wireless access networks. , 2012, , .           |     | 6         |
| 293 | Toward secure targeted broadcast in smart grid. IEEE Communications Magazine, 2012, 50, 150-156.   | 4.9 | 177       |
| 294 | Capacity and Delay of Probing-Based Two-Hop Relay in MANETs. IEEE Transactions on Wireless Communications, 2012, 11, 4172-4183.                        | 6.1 | 19        |
| 295 | On Minimizing the Impact of Mobility on Topology Control in Mobile Ad Hoc Networks. IEEE Transactions on Wireless Communications, 2012, 11, 1158-1166. | 6.1 | 61        |
| 296 | A Novel P2P VoD Streaming Technique Integrating Localization and Congestion Awareness Strategies. Mobile Networks and Applications, 2012, 17, 594-603. | 2.2 | 8         |
| 297 | A novel heuristic-based traffic distribution method for disaster zone Wireless Mesh Networks. , 2012, , .  |     | 8         |
| 298 | Message delivery probability of two-hop relay with erasure coding in MANETs. , 2012, , .   |     | 0         |
| 299 | Probing-based two-hop relay with limited packet redundancy. , 2012, , .  |     | 2         |
| 300 | Generalized Two-Hop Relay for Flexible Delay Control in MANETs. IEEE/ACM Transactions on Networking, 2012, 20, 1950-1963.                              | 2.6 | 151       |
| 301 | Traffic distribution to mitigate downlink congestion in two-layered satellite networks. , 2012, , .  |     | 0         |
| 302 | A novel demand control policy for improving quality of power usage in smart grid. , 2012, , .  |     | 24        |
| 303 | Throughput capacity of the group-based two-hop relay algorithm in MANETs. , 2012, , .  |     | 2         |
| 304 | End-to-end delay in mobile ad hoc networks with generalized transmission range and limited packet redundancy. , 2012, , .                              |     | 9         |
| 305 | Multimedia P2P networking: Protocols, solutions and future directions. Peer-to-Peer Networking and Applications, 2012, 5, 309-311.                     | 2.6 | 2         |
| 306 | HYMN: A Novel Hybrid Multi-Hop Routing Algorithm to Improve the Longevity of WSNs. IEEE Transactions on Wireless Communications, 2012, 11, 2531-2541.  | 6.1 | 81        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 307 | Exact throughput capacity under power control in mobile ad hoc networks. , 2012, , .   |     | 36        |
| 308 | Multicast capacity, delay and delay jitter in intermittently connected mobile networks. , 2012, , .  |     | 6         |
| 309 | A novel gateway selection method to maximize the system throughput of Wireless Mesh Network deployed in disaster areas. , 2012, , .  |     | 20        |
| 310 | Extending the lifetime of wireless sensor networks: A hybrid routing algorithm. Computer Communications, 2012, 35, 1056-1063.  | 3.1 | 95        |
| 311 | 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.      | 9.7 | 154       |
| 312 | A Cooperative User-System Approach for Optimizing Performance in Content Distribution/Delivery Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 476-483.          | 9.7 | 8         |
| 313 | User cooperation in wireless networks. IEEE Wireless Communications, 2012, 19, 8-9.  | 6.6 | 2         |
| 314 | Designing P2P Networks Tolerant to Attacks and Faults Based on Bimodal Degree Distribution. Journal of Communications, 2012, 7, .  | 1.3 | 10        |
| 315 | A Highly Efficient DAMA Algorithm for Making Maximum Use of both Satellite Transponder Bandwidth and Transmission Power. IEICE Transactions on Communications, 2012, E95.B, 2619-2630. | 0.4 | 1         |
| 316 | A Novel Scheme for WSAN Sink Mobility Based on Clustering and Set Packing Techniques. IEEE Transactions on Automatic Control, 2011, 56, 2381-2389.                                     | 3.6 | 76        |
| 317 | On the performance of downstream traffic distribution scheme in fiber-wireless networks. , 2011, , .   |     | 5         |
| 318 | A Study on Certificate Revocation in Mobile Ad Hoc Networks. , 2011, , .   |     | 18        |
| 319 | An early warning system against malicious activities for smart grid communications. IEEE Network, 2011, 25, 50-55.   | 4.9 | 98        |
| 320 | Performance Modeling for Two-Hop Relay with Erasure Coding in MANETs. , 2011, , .  |     | 3         |
| 321 | Delay and Capacity in Ad Hoc Mobile Networks with f-cast Relay Algorithms. IEEE Transactions on Wireless Communications, 2011, 10, 2738-2751.  | 6.1 | 74        |
| 322 | Effective Delay-Controlled Load Distribution over Multipath Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1730-1741.                                      | 4.0 | 58        |
| 323 | Group-based two-hop relay with redundancy in MANETs. , 2011, , .   |     | 13        |
| 324 | A general model for store-carry-forward routing schemes with multicast in delay tolerant networks. , 2011, , .   |     | 12        |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 325 | On Load Distribution over Multipath Networks. IEEE Communications Surveys and Tutorials, 2011, , .   | 24.8 | 54        |
| 326 | A survey of game theoretic approaches in smart grid. , 2011, , .   |      | 62        |
| 327 | A clique-based secure admission control scheme for mobile ad hoc networks (MANETs). Journal of Network and Computer Applications, 2011, 34, 1827-1835.   | 5.8  | 12        |
| 328 | Emerging technologies and applications of wireless communication in healthcare. Journal of Communications and Networks, 2011, 13, 81-85.   | 1.8  | 6         |
| 329 | Load Balancing and QoS Provisioning Based on Congestion Prediction for GEO/LEO Hybrid Satellite Networks. Proceedings of the IEEE, 2011, 99, 1998-2007.  | 16.4 | 72        |
| 330 | A Novel Multichannel Streaming Scheme to Reduce Channel Switching Delay in Application Layer Multicast. IEEE Systems Journal, 2011, 5, 545-554.  | 2.9  | 6         |
| 331 | Toward intelligent machine-to-machine communications in smart grid. , 2011, 49, 60-65.   |      | 445       |
| 332 | A Lightweight Message Authentication Scheme for Smart Grid Communications. IEEE Transactions on Smart Grid, 2011, 2, 675-685.  | 6.2  | 390       |
| 333 | Reliability Assessment for Wireless Mesh Networks Under Probabilistic Region Failure Model. IEEE Transactions on Vehicular Technology, 2011, 60, 2253-2264.  | 3.9  | 43        |
| 334 | Special issue on the selected papers of IWCMCâ€™11. Wireless Communications and Mobile Computing, 2011, 11, 1495-1496.   | 0.8  | 0         |
| 335 | A new pre-classification method based on associative matching method. Proceedings of SPIE, 2010, , .   | 0.8  | 1         |
| 336 | Wireless technologies for e-healthcare [Guest Editorial. IEEE Wireless Communications, 2010, 17, 10-11.  | 6.6  | 4         |
| 337 | Towards efficient P2P-based VoD provisioning in future internet. , 2010, , .   |      | 1         |
| 338 | Gateway Selection Protocol in Hybrid MANET Using DYMO Routing. Mobile Networks and Applications, 2010, 15, 205-215.  | 2.2  | 11        |
| 339 | Channel Occupancy Time Based TCP Rate Control for Improving Fairness in IEEE 802.11 DCF. IEEE Transactions on Vehicular Technology, 2010, 59, 2974-2985.   | 3.9  | 12        |
| 340 | Network-Based Traitor-Tracing Technique Using Traffic Pattern. IEEE Transactions on Information Forensics and Security, 2010, 5, 300-313.  | 4.5  | 13        |
| 341 | Inter-Layer Fairness Problem in TCP Bandwidth Sharing in 10G-EPON. IEEE Systems Journal, 2010, 4, 432-439.   | 2.9  | 10        |
| 342 | Call for Papers for security and communication networks (SCN), Wiley online library special issue on digital forensics in mobile computing system and ubiquitous wireless networks. Security and Communication Networks, 2010, 3, e3-e4. | 1.0  | 0         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 343 | Partially Overlapped Channel Assignment on Wireless Mesh Network Backbone. , 2010, , .  |     | 19        |
| 344 | Wireless loss-tolerant congestion control protocol based on dynamic aimd theory. IEEE Wireless Communications, 2010, 17, 7-14.  | 6.6 | 15        |
| 345 | HYMN to Improve the Longevity of Wireless Sensor Networks. , 2010, , .  |     | 8         |
| 346 | Extensions of VCP to Enhance the Performance in High BDP and Wireless Networks. , 2010, , .   |     | 1         |
| 347 | DTRAB: Combating Against Attacks on Encrypted Protocols Through Traffic-Feature Analysis. IEEE/ACM Transactions on Networking, 2010, 18, 1234-1247.                                 | 2.6 | 117       |
| 348 | Certificate Revocation to Cope with False Accusations in Mobile Ad Hoc Networks. , 2010, , .  |     | 26        |
| 349 | Assessing attack threat against ZigBee-based home area network for Smart Grid communications. , 2010, , .   |     | 14        |
| 350 | Gateway Selection in Multi-Hop Wireless Networks Using Route and Link Optimization. , 2010, , .   |     | 5         |
| 351 | A Group-Based Key Management Protocol for Mobile Ad Hoc Networks. , 2009, , .   |     | 5         |
| 352 | Mitigating Performance Anomaly of TFRC in Multi-Rate IEEE 802.11 Wireless LANs. , 2009, , .   |     | 3         |
| 353 | Energy efficient and fault-tolerant broadcast protocol in wireless ad-hoc networks. , 2009, , .   |     | 1         |
| 354 | Reliable Application Layer Multicast Over Combined Wired and Wireless Networks. IEEE Transactions on Multimedia, 2009, 11, 1466-1477.   | 5.2 | 20        |
| 355 | Exploring the security requirements for quality of service in combined wired and wireless networks. , 2009, , .   |     | 7         |
| 356 | A Dynamic Anomaly Detection Scheme for AODV-Based Mobile Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 2471-2481.   | 3.9 | 97        |
| 357 | DEMAPS: A Load-Transition-Based Mobility Management Scheme for an Efficient Selection of MAP in Mobile IPv6 Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 954-965. | 3.9 | 19        |
| 358 | On Supporting P2P-Based VoD Services over Mesh Overlay Networks. , 2009, , .  |     | 8         |
| 359 | LTRT: An efficient and reliable topology control algorithm for ad-hoc networks. IEEE Transactions on Wireless Communications, 2009, 8, 6050-6058.                                   | 6.1 | 75        |
| 360 | Bandwidth Aggregation-Aware Dynamic QoS Negotiation for Real-Time Video Streaming in Next-Generation Wireless Networks. IEEE Transactions on Multimedia, 2009, 11, 1082-1093.       | 5.2 | 51        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 361 | Anomaly Detection for DNS Servers Using Frequent Host Selection. , 2009, , .  |     | 4         |
| 362 | On the performance analysis of traffic splitting on load imbalancing and packet reordering of bursty traffic. , 2009, , .   |     | 10        |
| 363 | Sage: a strong privacy-preserving scheme against global eavesdropping for ehealth systems. IEEE Journal on Selected Areas in Communications, 2009, 27, 365-378.                               | 9.7 | 176       |
| 364 | Dynamic Load Balancing Method Based on Congestion Prediction for IP/LEO Satellite Networks. IEICE Transactions on Communications, 2009, E92-B, 3326-3334.                                     | 0.4 | 4         |
| 365 | A Cross-Layer Approach for an Efficient Delivery of TCP/RTP-Based Multimedia Applications in Heterogeneous Wireless Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 3801-3814. | 3.9 | 27        |
| 366 | A New Data Gathering Scheme Based on Set Cover Algorithm for Mobile Sinks in WSNs. , 2008, , .  |     | 4         |
| 367 | Channel Occupancy Time Based TCP Rate Control for IEEE 802.11 DCF. , 2008, , .  |     | 4         |
| 368 | A reliable topology for efficient key distribution in ad-hoc networks. , 2008, , .  |     | 1         |
| 369 | On Gateway Selection Protocol for DYMO-Based MANET. , 2008, , .   |     | 4         |
| 370 | Performance enhancement of TCP over adaptive multi-rate IEEE 802.11 wireless LANs. , 2008, , .  |     | 1         |
| 371 | Network Application Identification Using Transition Pattern of Payload Length. , 2008, , .  |     | 5         |
| 372 | Ultra-Mobile Echo Network in Health Care System. , 2008, , .  |     | 1         |
| 373 | Multi-Path Video Streaming in Wireless Networks using Time-Slot based Scheduling. International Journal of Business Data Communications and Networking, 2008, 4, 13-23.                       | 1.2 | 1         |
| 374 | Toward Efficient Service-Level QoS Provisioning in Large-Scale 802.11-Based Networks. IEEE Network, 2007, 21, 42-48.  | 4.9 | 7         |
| 375 | NHAG: Network-Aware Hierarchical Arrangement Graph for Application Layer Multicast in Heterogeneous Networks. , 2007, , .   |     | 4         |
| 376 | A Bandwidth Aggregation-Aware QoS Negotiation Mechanism for Next-Generation Wireless Networks. , 2007, , .  |     | 10        |
| 377 | A Classifier of Similar Characters using Compound Mahalanobis Function based on Difference Subspace. Proc Int Conf Doc Anal Recognit, 2007, , .   | 0.0 | 1         |
| 378 | A Novel Scheme to Reduce Control Overhead and Increase Link Duration in Highly Mobile Ad Hoc Networks. , 2007, , .  |     | 20        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 379 | A Fair and Lifetime-Maximum Routing Algorithm for Wireless Sensor Networks. , 2007, , .  |     | 4         |
| 380 | Dynamic QoS Negotiation for Next-Generation Wireless Communications Systems. , 2007, , .   |     | 8         |
| 381 | A Stable Routing Protocol to Support ITS Services in VANET Networks. IEEE Transactions on Vehicular Technology, 2007, 56, 3337-3347.   | 3.9 | 346       |
| 382 | Multi-path Scheduling Algorithm for Real-Time Video Applications in Next-Generation Wireless Networks. , 2007, , .   |     | 3         |
| 383 | On how to Mitigate the Packet Reordering Issue in the Explicit Load Balancing Scheme. , 2007, , .  |     | 1         |
| 384 | Performance Evaluation of SCTP wth Adaptive Multistreamiing over LEO Satellite Networks. , 2007, , .   |     | 1         |
| 385 | A study of a routing attack in OLSR-based mobilead hoc networks. International Journal of Communication Systems, 2007, 20, 1245-1261.  | 1.6 | 24        |
| 386 | Discrimination of similar characters with a nonlinear compound discriminant function. Systems and Computers in Japan, 2007, 38, 36-48.   | 0.2 | 2         |
| 387 | A survey of routing attacks in mobile ad hoc networks. IEEE Wireless Communications, 2007, 14, 85-91.  | 6.6 | 367       |
| 388 | Fault-resilient sensing in wireless sensor networks. Computer Communications, 2007, 30, 2375-2384.   | 3.1 | 69        |
| 389 | An efficient vehicle-heading based routing protocol for VANET networks. , 2006, , .  |     | 54        |
| 390 | A new smooth handoff scheme for mobile multimedia streaming using RTP dummy packets and RTCP explicit handoff notification. , 2006, , .  |     | 4         |
| 391 | Enhancements of T-REFWA to mitigate link error-related degradations in hybrid wired/wireless networks. Journal of Communications and Networks, 2006, 8, 391-400.                         | 1.8 | 1         |
| 392 | Broadband convergence Network (BcN). Journal of Communications and Networks, 2006, 8, 363-368.   | 1.8 | 5         |
| 393 | NIS07-4: Traitor Tracing Technology of Streaming Contents Delivery using Traffic Pattern in Wired/Wireless Environments. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , . | 0.0 | 4         |
| 394 | REFWA: An Efficient and Fair Congestion Control Scheme for LEO Satellite Networks. IEEE/ACM Transactions on Networking, 2006, 14, 1031-1044.   | 2.6 | 28        |
| 395 | NIS01-2: A Collusion Attack Against OLSR-based Mobile Ad Hoc Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .   | 0.0 | 44        |
| 396 | Geographical and Orbital Information Based Mobility Management to Overcome Last-Hop Ambiguity over IP/LEO Satellite Networks. , 2006, , .  |     | 8         |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 397 | Multipath Doppler Routing with QoS Support in Pseudo-linear Highly Mobile Ad Hoc Networks. , 2006, , .  |     | 9         |
| 398 | A Fair TCP-Based Congestion Avoidance Approach for One-to-Many Private Networks. , 2006, , .  |     | 2         |
| 399 | Historical Hand-Written String Recognition by Non-linear Discriminant Analysis using Kernel Feature Selection. , 2006, , .  |     | 1         |
| 400 | Theatre in the Sky: a ubiquitous broadband multimedia-on-demand service over a novel constellation composed of quasi-geostationary satellites. International Journal of Satellite Communications and Networking, 2006, 24, 215-227. | 1.2 | 2         |
| 401 | An Efficient Signature-Based Approach for Automatic Detection of Internet Worms over Large-Scale Networks. , 2006, , .  |     | 4         |
| 402 | Aeronautical ad hoc networks. , 2006, , .   |     | 70        |
| 403 | SAT04-3: ELB: An Explicit Load Balancing Routing Protocol for Multi-Hop N GEO Satellite Constellations. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .   | 0.0 | 36        |
| 404 | On-demand media streaming to hybrid wired/wireless networks over quasi-geostationary satellite systems. Computer Networks, 2005, 47, 287-306.   | 3.2 | 8         |
| 405 | Avoiding TCP false retransmission in LEO satellite network using TTL information. Electronics and Communications in Japan, 2005, 88, 64-71.   | 0.1 | 1         |
| 406 | A technique of adaptive bandwidth estimation for SACK-based TCP over wireless networks. Electronics and Communications in Japan, 2005, 88, 32-43.   | 0.1 | 2         |
| 407 | Recent trends in IP/N GEO satellite communication systems: transport, routing, and mobility management concerns. IEEE Wireless Communications, 2005, 12, 63-69.   | 6.6 | 50        |
| 408 | A New Network Anomaly Detection Technique Based on Per-Flow and Per-Service Statistics. Lecture Notes in Computer Science, 2005, , 252-259.   | 1.0 | 1         |
| 409 | A Polynomial Factorization Approach for the Discrete Time GIX/G/1/K Queue. Methodology and Computing in Applied Probability, 2004, 6, 277-291.  | 0.7 | 1         |
| 410 | Detecting and tracing illegal access by using traffic pattern matching technique. Electronics and Communications in Japan, 2004, 87, 61-71.   | 0.1 | 6         |
| 411 | Supporting IP/LEO Satellite Networks by Handover-Independent IP Mobility Management. IEEE Journal on Selected Areas in Communications, 2004, 22, 300-307.   | 9.7 | 58        |
| 412 | An Explicit and Fair Window Adjustment Method to Enhance TCP Efficiency and Fairness Over Multihops Satellite Networks. IEEE Journal on Selected Areas in Communications, 2004, 22, 371-387.  | 9.7 | 34        |
| 413 | Proposal and evaluation of multistage distributed traffic monitoring system. Electronics and Communications in Japan, 2003, 86, 9-19.   | 0.1 | 0         |
| 414 | An automatic cloud region classification of satellite image by using clustering in local area. Electronics and Communications in Japan, 2003, 86, 33-43.  | 0.2 | 1         |



| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 415 | Neighbors-buffering-based video-on-demand architecture. Signal Processing: Image Communication, 2003, 18, 515-526.   | 1.8 | 21        |
| 416 | Discrimination of similar characters with quadratic compound Mahalanobis function. Systems and Computers in Japan, 2002, 33, 11-20.  | 0.2 | 4         |
| 417 | A Study of Gaussian Activation Function Based Modular Neural Network for Alternative-Style Handwritten Characters Recognition System. Interdisciplinary Information Sciences, 2001, 7, 189-196.      | 0.2 | 0         |
| 418 | A Proposal Of a Web-Based Instant Messaging Application. Interdisciplinary Information Sciences, 2001, 7, 179-188.   | 0.2 | 0         |
| 419 | A simple packet aggregation technique for fault detection. International Journal of Network Management, 2000, 10, 215-228.   | 1.4 | 3         |
| 420 | Fast and precise discriminant function considering correlations of elements of feature vectors and its application to character recognition. Systems and Computers in Japan, 1999, 30, 33-42.        | 0.2 | 5         |
| 421 | A handwritten character recognition system using directional element feature and asymmetric Mahalanobis distance. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1999, 21, 258-262. | 9.7 | 169       |
| 422 | Divide and Conquer Technique for Network Fault Management. , 1997, , 675-687.  |     | 5         |
| 423 | Configuring a Network Management System for Efficient Operation. International Journal of Network Management, 1996, 6, 108-118.  | 1.4 | 2         |
| 424 | Hand-written Character Recognition System Using Uniform Division of Training Samples on Subspace Method.. Interdisciplinary Information Sciences, 1996, 2, 159-167.                                  | 0.2 | 0         |
| 425 | Influence of local anisotropy fluctuation on soft magnetic properties of the sputtered Fe-Si-Al alloy films. IEEE Transactions on Magnetics, 1988, 24, 3084-3086.                                    | 1.2 | 22        |
| 426 | Magnetostriction of Fe-Al-Si alloy sputtered films. IEEE Transactions on Magnetics, 1987, 23, 3068-3070.   | 1.2 | 19        |
| 427 | A dummy segment based bandwidth probing technique to enhance the performance of TCP over heterogeneous networks. , 0, , .  |     | 5         |
| 428 | REFWA plus: enhancement of REFWA to combat link errors in LEO satellite networks. , 0, , .   |     | 4         |
| 429 | Analysis of the Node Isolation Attack Against OLSR-based Mobile Ad Hoc Networks. , 0, , .  |     | 26        |