

# Kwan-Wu Chin

## List of Publications by Year in descending order

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170  
papers

2,257  
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173  
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docs citations

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times ranked

1997  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | On Data Collection in SIC-Capable Space-Air-Ground Integrated IoT Networks. IEEE Systems Journal, 2023, 17, 1431-1442.                              | 4.6 | 0         |
| 2  | Link Scheduling for Data Collection in Multihop Backscatter IoT Wireless Networks. IEEE Internet of Things Journal, 2022, 9, 2215-2226.             | 8.7 | 1         |
| 3  | Complete Targets Coverage in Energy-Harvesting IoT Networks With Dual Imperfect Batteries. IEEE Internet of Things Journal, 2022, 9, 6199-6212.     | 8.7 | 1         |
| 4  | Joint Link Scheduling and Routing in Two-Tier RF-Energy-Harvesting IoT Networks. IEEE Internet of Things Journal, 2022, 9, 800-812.                 | 8.7 | 4         |
| 5  | Energy-Aware Irregular Slotted Aloha Methods for Wireless-Powered IoT Networks. IEEE Internet of Things Journal, 2022, 9, 11784-11795.              | 8.7 | 3         |
| 6  | Novel Tasks Assignment Methods for Wireless-Powered IoT Networks. IEEE Internet of Things Journal, 2022, 9, 10563-10575.                            | 8.7 | 5         |
| 7  | Data Collection in Multihop Mobile Sink-Aided Backscatter IoT Networks. IEEE Internet of Things Journal, 2022, 9, 12001-12013.                      | 8.7 | 2         |
| 8  | Learning Algorithms for Complete Targets Coverage in RF-Energy Harvesting Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 3229-3240. | 6.3 | 0         |
| 9  | Maximizing Virtual Network Embedding Requests in RF-Charging IoT Networks. IEEE Communications Letters, 2022, 26, 863-867.                          | 4.1 | 3         |
| 10 | Optimizing Information Freshness in RF-Powered Multi-Hop Wireless Networks. IEEE Transactions on Wireless Communications, 2022, 21, 7135-7147.      | 9.2 | 4         |
| 11 | A Deep Q-Network Approach to Optimize Spatial Reuse in WiFi Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 6636-6646.               | 6.3 | 2         |
| 12 | Random Channel Access Protocols for SIC Enabled Energy Harvesting IoTs Networks. IEEE Systems Journal, 2021, 15, 2269-2280.                         | 4.6 | 6         |
| 13 | Complete Target Coverage in Radio Frequency and Solar-Powered Sensor Networks. IEEE Systems Journal, 2021, 15, 3609-3619.                           | 4.6 | 8         |
| 14 | Routing in Energy Harvesting Wireless Sensor Networks With Dual Alternative Batteries. IEEE Systems Journal, 2021, 15, 3970-3979.                   | 4.6 | 9         |
| 15 | On Devices Selection in RF-Energy Harvesting Wireless Networks. IEEE Systems Journal, 2021, , 1-11.   | 4.6 | 1         |
| 16 | Link Scheduling in Rechargeable Wireless Sensor Networks With Imperfect Battery and Memory Effects. IEEE Access, 2021, 9, 17803-17819.              | 4.2 | 2         |
| 17 | Joint Trajectory and Link Scheduling Optimization in UAV Networks. IEEE Access, 2021, 9, 84756-84772.   | 4.2 | 1         |
| 18 | Learning to Charge RF-Energy Harvesting Devices in WiFi Networks. IEEE Systems Journal, 2021, 15, 5516-5525.  | 4.6 | 5         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Multi-Path Routing in Green Multi-Stage Upgrade for Bundled-Links SDN/OSPF-ECMP Networks. IEEE Access, 2021, 9, 99073-99091.   | 4.2 | 3         |
| 20 | A Distributed Device Selection Method to Minimize AoI in RF-Charging Networks. IEEE Communications Letters, 2021, , 1-1.   | 4.1 | 0         |
| 21 | A Novel Distributed Resource Allocation Scheme for Wireless-Powered Cognitive Radio Internet of Things Networks. IEEE Internet of Things Journal, 2021, 8, 15486-15499.                      | 8.7 | 6         |
| 22 | A Reinforcement Learning Approach to Optimize Energy Usage in RF-Charging Sensor Networks. IEEE Transactions on Green Communications and Networking, 2021, 5, 526-539.                       | 5.5 | 5         |
| 23 | Data Collection in Radio Frequency (RF) Charging Internet of Things Networks. IEEE Communications Letters, 2021, 25, 1959-1963.  | 4.1 | 4         |
| 24 | Green Multi-Stage Upgrade for Bundled-Links SDN/OSPF-ECMP Networks. , 2021, , .  |     | 2         |
| 25 | Link Scheduling in Rechargeable Wireless Sensor Networks with a Dual-Battery System. , 2021, , .   |     | 2         |
| 26 | An Energy Efficient Channel Bonding and Transmit Power Control Approach for WiFi Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 8251-8263.                                   | 6.3 | 4         |
| 27 | A Novel Hybrid Access Point Channel Access Method for Wireless-Powered IoT Networks. IEEE Internet of Things Journal, 2021, 8, 12329-12338.  | 8.7 | 3         |
| 28 | Maximizing Sampling Data Upload in Ambient Backscatter-Assisted Wireless-Powered Networks. IEEE Internet of Things Journal, 2021, 8, 12266-12278.  | 8.7 | 2         |
| 29 | Green Multi-Stage Upgrade for Bundled-Link SDNs With Budget and Delay Constraints. IEEE Transactions on Green Communications and Networking, 2021, 5, 1410-1425.                             | 5.5 | 3         |
| 30 | Link Schedulers for Green Wireless Networks With Energy Sharing. IEEE Transactions on Green Communications and Networking, 2021, 5, 1580-1593.   | 5.5 | 2         |
| 31 | On Max-Min Complete Targets Sampling in Backscatter-Aided RF Powered IoT Networks. IEEE Communications Letters, 2021, 25, 3644-3648.   | 4.1 | 2         |
| 32 | On Optimizing Max Min Rate in Rechargeable Wireless Sensor Networks with Energy Sharing. IEEE Transactions on Sustainable Computing, 2020, 5, 107-120.                                       | 3.1 | 8         |
| 33 | Downlink Throughput Maximization in Multi-UAVs Networks Using Discrete Optimization. Journal of Network and Systems Management, 2020, 28, 247-270.   | 4.9 | 1         |
| 34 | Charge-and-Activate Policies for Targets Monitoring in RF-Harvesting Sensor Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 7835-7846.  | 6.3 | 6         |
| 35 | On Maximizing Min Source Rate in Power Beacon Assisted IoTs Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 11880-11892.  | 6.3 | 4         |
| 36 | On Enumeration of Spanning Arborescences and Reliability for Network Broadcast in Fixed-Schedule Dynamic Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 2980-2996. | 6.4 | 0         |

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|----|---|-----|-----------|
| 37 | On Maximizing Maxâ€‘Min Source Rate in Wireless-Powered Internet of Things. IEEE Internet of Things Journal, 2020, 7, 11276-11289.                | 8.7 | 8         |
| 38 | Optimizing TDMA Schedule and SIC-Capable UAV Position via Gibbs Sampling. IEEE Networking Letters, 2020, 2, 97-100.                               | 1.9 | 0         |
| 39 | A hybrid MAC for non-orthogonal multiple access Unmanned Aerial Vehicles networks. Wireless Networks, 2020, 26, 3749-3761.                        | 3.0 | 1         |
| 40 | A Distributed Link Scheduler for In-Band Full Duplex Wireless Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 5255-5267.           | 6.3 | 2         |
| 41 | A Novel Degree of Freedom (DoF) Link Scheduler for Full-Duplex Wireless Local Area Networks. IEEE Networking Letters, 2020, 2, 58-61.             | 1.9 | 2         |
| 42 | Learning to Bond in Dense WLANs With Random Traffic Demands. IEEE Transactions on Vehicular Technology, 2020, 69, 11868-11879.                    | 6.3 | 9         |
| 43 | Uplinks Schedulers for RF-Energy Harvesting Networks With Imperfect CSI. IEEE Transactions on Vehicular Technology, 2020, 69, 4233-4245.          | 6.3 | 3         |
| 44 | On Maxâ€‘Min Throughput in Backscatter-Assisted Wirelessly Powered IoT. IEEE Internet of Things Journal, 2020, 7, 137-147.                        | 8.7 | 25        |
| 45 | Link Scheduling in Wireless Powered Communication Networks. , 2020, , .   |     | 0         |
| 46 | Stochastic Targets Monitoring in Wireless Powered Sensor Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 15908-15919.              | 6.3 | 0         |
| 47 | Supporting legacy and RFâ€‘energy harvesting devices in multiâ€‘cells OFDMA networks. IET Communications, 2020, 14, 3967-3976.                    | 2.2 | 0         |
| 48 | Reinforcement Learning Based Routing in EH-WSNs with Dual Alternative Batteries. , 2020, , .  |     | 0         |
| 49 | Link Scheduling in Rechargeable Wireless Sensor Networks With Imperfect Batteries. IEEE Access, 2019, 7, 104721-104736.                           | 4.2 | 6         |
| 50 | On Sampling Time Maximization in Wireless Powered Internet of Things. IEEE Transactions on Green Communications and Networking, 2019, 3, 641-650. | 5.5 | 9         |
| 51 | Nodes Deployment for Coverage in Rechargeable Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 6064-6073.           | 6.3 | 30        |
| 52 | On Complete Targets Coverage in RF-Harvesting Internet of Things Networks. IEEE Communications Letters, 2019, 23, 922-925.                        | 4.1 | 7         |
| 53 | Robust Targets Coverage for Energy Harvesting Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 5884-5892.           | 6.3 | 16        |
| 54 | Link Scheduling for Data Collection in SIC-Capable UAV Networks. , 2019, , .  |     | 1         |

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|----|--|------|-----------|
| 55 | Green Multi-Stage Upgrade for Bundled-Link SDNs with Budget Constraint. , 2019, , .  |      | 2         |
| 56 | Download Traffic Scheduling for CubeSats Swarms with Inter-Satellite Links. , 2019, , .  |      | 0         |
| 57 | An Orientation Aware Learning MAC for Multi-UAVs Networks. , 2019, , .   |      | 1         |
| 58 | A Two-Layer Channel Access Approach for RF-Energy Harvesting Networks. IEEE Access, 2019, 7, 171814-171829.  | 4.2  | 6         |
| 59 | A high gain S-band slot antenna with MSS for CubeSat. Annales Des Telecommunications/Annals of Telecommunications, 2019, 74, 223-237.                                      | 2.5  | 22        |
| 60 | Link Scheduling in Wireless Networks With RF Energy Harvesting Nodes. IEEE Transactions on Green Communications and Networking, 2019, 3, 302-316.                          | 5.5  | 3         |
| 61 | On Maximizing Min Flow Rates in Rechargeable Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 2962-2972.                                   | 11.3 | 9         |
| 62 | Complete Targets Coverage in Wireless Sensor Networks With Energy Transfer. IEEE Communications Letters, 2018, 22, 396-399.  | 4.1  | 13        |
| 63 | A Novel Distributed Pseudo-TDMA Channel Access Protocol for Multi-Transmit-Receive Wireless Mesh Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 2531-2542. | 6.3  | 8         |
| 64 | Minimizing Completion Time in Wireless Networks With In-Band Full Duplex Links. IEEE Access, 2018, 6, 64278-64291.   | 4.2  | 0         |
| 65 | On Emptying Small Satellite Networks with In-Network Data Aggregation. , 2018, , .   |      | 2         |
| 66 | Link Scheduling in Rechargeable Wireless Sensor Networks with Harvesting Time and Battery Capacity Constraints. , 2018, , .  |      | 3         |
| 67 | On Supporting Legacy and RF Energy Harvesting Devices in Two-Tier OFDMA Heterogeneous Networks. IEEE Access, 2018, 6, 62538-62551.   | 4.2  | 3         |
| 68 | Ultra-Reliable IoT Communications with UAVs: A Swarm Use Case. IEEE Communications Magazine, 2018, 56, 90-96.  | 6.1  | 133       |
| 69 | On Maximizing Sampling Time of RF-Harvesting Sensor Nodes over Random Channel Gains. , 2018, , .   |      | 6         |
| 70 | A Novel Flow-Aware Fair Scheduler for Multi Transmit/Receive Wireless Networks. IEEE Access, 2017, 5, 10456-10468.   | 4.2  | 4         |
| 71 | On Nodes Placement in Energy Harvesting Wireless Sensor Networks for Coverage And Connectivity. IEEE Transactions on Industrial Informatics, 2017, 13, 27-36.              | 11.3 | 74        |
| 72 | On energy and data delivery in wireless local area networks with RF charging nodes. , 2017, , .  |      | 2         |

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| 73 | A low profile high gain CPW-fed slot antenna with a cavity backed reflector for CubeSats. , 2017, , .  |     | 11        |
| 74 | Dipole antenna array cluster for CubeSats. , 2016, , .   |     | 3         |
| 75 | A wideband F-shaped patch antenna for S-band CubeSats communications. , 2016, , .  |     | 8         |
| 76 | Power-aware routing in networks with quality of services constraints. Transactions on Emerging Telecommunications Technologies, 2016, 27, 122-135.               | 3.9 | 5         |
| 77 | On Wireless Power Transfer and Max Flow in Rechargeable Wireless Sensor Networks. IEEE Access, 2016, 4, 4155-4167.   | 4.2 | 20        |
| 78 | Joint Routing and Links Scheduling in Two-Tier Multi-Hop RF-Energy Harvesting Networks. IEEE Communications Letters, 2016, 20, 1864-1867.                        | 4.1 | 12        |
| 79 | On Minimizing Data Forwarding Schedule in Multi Transmit/Receive Wireless Mesh Networks. IEEE Access, 2016, 4, 1570-1582.  | 4.2 | 3         |
| 80 | A Novel Distributed Max-Weight Link Scheduler for Multi-Transmit/Receive Wireless Mesh Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9345-9357. | 6.3 | 5         |
| 81 | Joint routing and scheduling in multi-Tx/Rx wireless mesh networks with random demands. Computer Networks, 2016, 98, 44-56.                                      | 5.1 | 3         |
| 82 | Scheduling links with air-time in multi transmit/receive wireless mesh networks. Wireless Networks, 2016, 22, 1999-2012.   | 3.0 | 1         |
| 83 | Bi-objective network topology design with reliability constraint. , 2015, , .  |     | 0         |
| 84 | On the performance of online and offline green path establishment techniques. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, , .         | 2.4 | 0         |
| 85 | A survey of single and multi-hop link schedulers for mmWave wireless systems. Ad Hoc Networks, 2015, 33, 269-283.  | 5.5 | 7         |
| 86 | A novel link scheduler for personalized broadcast in multi Tx/Rx Wireless Mesh Networks. , 2015, , .   |     | 2         |
| 87 | An efficient link scheduler for MIMO wireless mesh networks. , 2015, , .   |     | 0         |
| 88 | Green-PolyH: A green traffic engineering solution over uncertain demands. , 2015, , .  |     | 0         |
| 89 | A novel link scheduler for multi Tx/Rx Wireless Mesh Networks. , 2015, , .   |     | 0         |
| 90 | A Survey and Study of Planar Antennas for Pico-Satellites. IEEE Access, 2015, 3, 2590-2612.  | 4.2 | 91        |

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| 91  | On Complete Target Coverage in Wireless Sensor Networks With Random Recharging Rates. IEEE Wireless Communications Letters, 2015, 4, 50-53.                           | 5.0 | 21        |
| 92  | Energy-aware traffic engineering with reliability constraint. Computer Communications, 2015, 57, 115-128.   | 5.1 | 15        |
| 93  | A Distributed Maximal Link Scheduler for Multi Tx/Rx Wireless Mesh Networks. IEEE Transactions on Wireless Communications, 2015, 14, 520-531.                         | 9.2 | 4         |
| 94  | A Novel Data Centric Information Retrieval Protocol for Queries in Delay Tolerant Networks. Journal of Network and Systems Management, 2015, 23, 870-901.             | 4.9 | 1         |
| 95  | On complete targets coverage and connectivity in energy harvesting wireless sensor networks. , 2015, , .  |     | 11        |
| 96  | Novel joint routing and scheduling algorithms for minimizing end-to-end delays in multi Tx-Rx wireless mesh networks. Computer Communications, 2015, 72, 63-77.       | 5.1 | 2         |
| 97  | On using Wireless Power Transfer to increase the max flow of Rechargeable Wireless Sensor Networks. , 2015, , .   |     | 3         |
| 98  | GreCo: An Energy Aware Controller Association Algorithm for Software Defined Networks. IEEE Communications Letters, 2015, 19, 541-544.                                | 4.1 | 60        |
| 99  | A Novel Mobility-Based Routing Protocol for Semi-Predictable Disruption Tolerant Networks. International Journal of Wireless Information Networks, 2015, 22, 138-146. | 2.7 | 17        |
| 100 | A distributed broadcast algorithm for duty-cycled networks with physical interference model. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, . | 2.4 | 0         |
| 101 | Superframe Construction for Wireless Networks With Stochastic Demands. IEEE Communications Letters, 2015, 19, 1694-1697.  | 4.1 | 2         |
| 102 | On Uplink and Downlink Packet Scheduling in Full-Duplex Wireless Mesh Networks. IEEE Communications Letters, 2015, 19, 1810-1813.                                     | 4.1 | 0         |
| 103 | A novel framework to mitigate the negative impacts of green techniques on BGP. Journal of Network and Computer Applications, 2015, 48, 22-34.                         | 9.1 | 4         |
| 104 | S - band Planar Antennas for a CubeSat. International Journal on Electrical Engineering and Informatics, 2015, 7, 559-568.  | 0.5 | 18        |
| 105 | HotPLUZ: A BGP-aware green traffic engineering approach. , 2014, , .  |     | 6         |
| 106 | S-band shorted patch antenna for inter pico satellite communications. , 2014, , .   |     | 21        |
| 107 | Reliable green routing using two disjoint paths. , 2014, , .  |     | 2         |
| 108 | Delay aware joint routing and scheduling for multi-Tx-Rx Wireless Mesh Networks. , 2014, , .  |     | 5         |

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| 109 | Novel Algorithms for Complete Targets Coverage in Energy Harvesting Wireless Sensor Networks. IEEE Communications Letters, 2014, 18, 118-121.  | 4.1 | 71        |
| 110 | A novel queue length aware distributed link scheduler for multi-transmit receive Wireless Mesh Networks. , 2014, , .   |     | 1         |
| 111 | A novel distributed algorithm for complete targets coverage in energy harvesting wireless sensor networks. , 2014, , .   |     | 25        |
| 112 | A distributed maximal link scheduler for multi Tx/Rx Wireless Mesh Networks. , 2014, , .   |     | 1         |
| 113 | Algorithms for bounding end-to-end delays in Wireless Sensor Networks. Wireless Networks, 2014, 20, 2131-2146.   | 3.0 | 0         |
| 114 | Approximation algorithms for broadcasting in duty cycled wireless sensor networks. Wireless Networks, 2014, 20, 2219-2236.   | 3.0 | 19        |
| 115 | On the Performance of Epidemic Based Routing Protocols for Delivering Multicast Bundles in Delay Tolerant Networks. International Journal of Wireless Information Networks, 2014, 21, 133-153. | 2.7 | 3         |
| 116 | Energy Aware Two Disjoint Paths Routing. Journal of Network and Computer Applications, 2014, 43, 27-41.  | 9.1 | 15        |
| 117 | An Energy-Efficient Mobile-Sink Path Selection Strategy for Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 2407-2419.  | 6.3 | 262       |
| 118 | Minimizing broadcast latency and redundancy in asynchronous wireless sensor networks. Wireless Networks, 2014, 20, 345-360.  | 3.0 | 9         |
| 119 | Approximation algorithm for data broadcasting in duty cycled multi-hop wireless networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .                             | 2.4 | 7         |
| 120 | On improving capacity and delay in multi Tx/Rx Wireless Mesh Networks with weighted links. , 2013, , .   |     | 6         |
| 121 | On the effects of energy-aware traffic engineering on routing reliability. , 2013, , .   |     | 2         |
| 122 | Energy-Aware Two Link-Disjoint Paths Routing. , 2013, , .  |     | 2         |
| 123 | Efficient heuristics for energy-aware routing in networks with bundled links. Computer Networks, 2013, 57, 1774-1788.  | 5.1 | 26        |
| 124 | Approximation algorithms for Interference Aware Broadcast in wireless networks. , 2013, , .  |     | 0         |
| 125 | Novel association strategies for supporting multicast in WLANs with smart antennas. , 2012, , .  |     | 0         |
| 126 | Power-aware routing in networks with delay and link utilization constraints. , 2012, , .   |     | 9         |



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| 127 | A Unified Study of Epidemic Routing Protocols and their Enhancements. , 2012, , .   |      | 19        |
| 128 | A novel destination-based routing protocol (DBRP) in DTNs. , 2012, , .  |      | 12        |
| 129 | A Novel Association Control Strategy for Supporting Multiple Multicast Sessions in WLANs. IEEE Communications Letters, 2012, 16, 1933-1936. | 4.1  | 1         |
| 130 | Novel scheduling algorithms for concurrent transmit/receive wireless mesh networks. Computer Networks, 2012, 56, 1200-1214.                 | 5.1  | 19        |
| 131 | Novel association control strategies for multicasting in relay-enabled WLANs. Computer Networks, 2012, 56, 2168-2178.                       | 5.1  | 3         |
| 132 | Coordination in wireless sensor-actuator networks: A survey. Journal of Parallel and Distributed Computing, 2012, 72, 856-867.              | 4.1  | 58        |
| 133 | A Novel Scheduler for Concurrent Tx/Rx Wireless Mesh Networks with Weighted Links. IEEE Communications Letters, 2012, 16, 246-248.          | 4.1  | 7         |
| 134 | A green scheduler for enterprise WLANs. , 2011, , .   |      | 3         |
| 135 | A comparison of deterministic and probabilistic methods for indoor localization. Journal of Systems and Software, 2011, 84, 442-451.        | 4.5  | 76        |
| 136 | E2MAC : An energy efficient MAC for RFID-enhanced wireless sensor networks. Pervasive and Mobile Computing, 2011, 7, 241-255.               | 3.3  | 9         |
| 137 | TrainNet: A transport system for delivering non real-time data. Computer Communications, 2010, 33, 1850-1863.                               | 5.1  | 22        |
| 138 | TCP Over the IEEE 802.15.3 MAC: Analysis and Simulation. International Journal of Wireless Information Networks, 2010, 17, 73-88.           | 2.7  | 1         |
| 139 | On the Impact of Wi-Fi Multimedia Power Save Mode on the VoIP Capacity of WLANs. , 2010, , .  |      | 0         |
| 140 | A Survey and Tutorial of RFID Anti-Collision Protocols. IEEE Communications Surveys and Tutorials, 2010, 12, 400-421.                       | 39.4 | 323       |
| 141 | On Maximizing VoIP Capacity and Energy Conservation in Multi-Rate WLANs. IEEE Communications Letters, 2010, 14, 611-613.                    | 4.1  | 2         |
| 142 | A Novel Spatial TDMA Scheduler for Concurrent Transmit/Receive Wireless Mesh Networks. , 2010, , .  |      | 7         |
| 143 | A Simulation Study on the Energy Efficiency of Pure and Slotted Aloha Based RFID Tag Reading Protocols. , 2009, , .                         |      | 2         |
| 144 | On the energy consumption of Pure and Slotted Aloha based RFID anti-collision protocols. Computer Communications, 2009, 32, 961-973.        | 5.1  | 48        |

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| 145 | Pairwise: a time hopping medium access control protocol for wireless sensor networks. IEEE Transactions on Consumer Electronics, 2009, 55, 1898-1906. | 3.6 | 8         |
| 146 | A Novel Anti-Collision Protocol for Energy Efficient Identification and Monitoring in RFID-Enhanced WSNs. , 2008, , .                                 |     | 10        |
| 147 | A New Link Scheduling Algorithm for Concurrent Tx/Rx Wireless Mesh Networks. , 2008, , .  |     | 11        |
| 148 | MiniMesh. Mobile Computing and Communications Review, 2007, 11, 57-71.  | 1.7 | 3         |
| 149 | Viability of concurrent transmission and reception for UWB radios over multipath channels. , 2007, , .  |     | 1         |
| 150 | On the Accuracy of RFID Tag Estimation Functions. , 2007, , .   |     | 20        |
| 151 | A distributed time-fair scheduling algorithm for multi-rate WLANs. , 2007, , .  |     | 0         |
| 152 | On the Suitability of Framed Slotted Aloha based RFID Anti-collision Protocols for Use in RFID-Enhanced WSNs. , 2007, , .                             |     | 30        |
| 153 | On the characteristics of BGP multiple origin AS conflicts. , 2007, , .   |     | 2         |
| 154 | An Investigation into thie Energy Efficiency of Pure and Slotted Aloha Based REID Anti-Collision Protocols. , 2007, , .                               |     | 17        |
| 155 | On the characteristics of BGP routes. , 2007, , .   |     | 0         |
| 156 | SpotMAC: A Pencil-Beam MAC for Wireless Mesh Networks. , 2007, , .  |     | 9         |
| 157 | A new technique for reducing MAC address overheads in sensor networks. IEEE Communications Letters, 2006, 10, 338-340.                                | 4.1 | 2         |
| 158 | T2-fair. , 2006, , .  |     | 1         |
| 159 | A Simulation Study of TCP over the IEEE 802.15.3 MAC. , 2005, , .   |     | 9         |
| 160 | Routing in MANETs with address conflicts. , 2005, , .   |     | 2         |
| 161 | Implementation experience with MANET routing protocols. Computer Communication Review, 2002, 32, 49-59.   | 1.8 | 140       |
| 162 | MCoRe: an adaptive scheme for rerouting multicast connections in mobile ATM networks. Computer Communications, 2002, 25, 56-73.                       | 5.1 | 0         |

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| 163 | A Model for Enhancing Connection Rerouting in Mobile Networks. <i>Wireless Networks</i> , 2001, 7, 249-267.                | 3.0 | 2         |
| 164 | AMTree: An Active Approach to Multicasting in Mobile Networks. <i>Mobile Networks and Applications</i> , 2001, 6, 361-376. | 3.3 | 5         |
| 165 | A model for enhancing connection rerouting using active networks. , 1999, , .  |     | 3         |
| 166 | Closed-form and generalized inverse kinematics solutions for the analysis of human motion. , 0, , .                        |     | 3         |
| 167 | AMTree: an active approach to multicasting in mobile networks. , 0, , .  |     | 1         |
| 168 | The Behavior of MANET Routing Protocols in Realistic Environments. , 0, , .  |     | 8         |
| 169 | A novel IEEE 802.15.3 CTA sharing protocol for supporting VBR streams. , 0, , .  |     | 4         |
| 170 | ArDeZ: a low power asymmetric rendezvous MAC for sensor networks. , 0, , .   |     | 4         |