

Javier Gozálvez Sempere

List of Publications by Year in descending order

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Version: 2024-02-01

193
papers

4,303
citations

218677

26
h-index

144013

57
g-index

195
all docs

195
docs citations

195
times ranked

3597
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Prototyping and Evaluation of Infrastructure-Assisted Transition of Control for Cooperative Automated Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6720-6736. | 8.0 | 8 |
| 2 | Analytical Models of the Performance of IEEE 802.11p Vehicle to Vehicle Communications. IEEE Transactions on Vehicular Technology, 2022, 71, 713-724. | 6.3 | 18 |
| 3 | Sensing-Based Grant-Free Scheduling for Ultra Reliable Low Latency and Deterministic Beyond 5G Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 4171-4183. | 6.3 | 9 |
| 4 | 5G NR Configured Grant in ns-3 Network Simulator for Ultra-Reliable Low Latency Communications. Procedia Computer Science, 2022, 201, 495-502. | 2.0 | 0 |
| 5 | Welcome to the June 2022 Issue [From the Editor]. IEEE Vehicular Technology Magazine, 2022, 17, 3-3. | 3.4 | 0 |
| 6 | Redundancy and Diversity in Wireless Networks to Support Mobile Industrial Applications in Industry 4.0. IEEE Transactions on Industrial Informatics, 2021, 17, 311-320. | 11.3 | 16 |
| 7 | Next generation opportunistic networking in beyond 5G networks. Ad Hoc Networks, 2021, 113, 102392. | 5.5 | 5 |
| 8 | LTE-V2X Mode 3 scheduling based on adaptive spatial reuse of radio resources. Ad Hoc Networks, 2021, 113, 102351. | 5.5 | 11 |
| 9 | Heterogeneous V2V Communications in Multi-Link and Multi-RAT Vehicular Networks. IEEE Transactions on Mobile Computing, 2021, 20, 162-173. | 5.8 | 40 |
| 10 | A Tutorial on 5G NR V2X Communications. IEEE Communications Surveys and Tutorials, 2021, 23, 1972-2026. | 39.4 | 381 |
| 11 | Analysis of 5G RAN Configuration to Support Advanced V2X Services. , 2021, , . | | 1 |
| 12 | On the Impact of V2X-based Maneuver Coordination on the Traffic. , 2021, , . | | 12 |
| 13 | On the Impact of Floating Car Data and Data Fusion on the Prediction of the Traffic Density, Flow and Speed Using an Error Recurrent Convolutional Neural Network. IEEE Access, 2021, 9, 133710-133724. | 4.2 | 5 |
| 14 | The Path Toward 6G [From the Editor]. IEEE Vehicular Technology Magazine, 2021, 16, 3-3. | 3.4 | 0 |
| 15 | Alicante-Murcia Freeway Scenario: A High-Accuracy and Large-Scale Traffic Simulation Scenario Generated Using a Novel Traffic Demand Calibration Method in SUMO. IEEE Access, 2021, 9, 154423-154434. | 4.2 | 8 |
| 16 | Redundancy Mitigation in Cooperative Perception for Connected and Automated Vehicles. , 2020, , . | | 21 |
| 17 | Is Packet Dropping a Suitable Congestion Control Mechanism for Vehicular Networks?. , 2020, , . | | 11 |
| 18 | Cooperative Perception for Connected and Automated Vehicles: Evaluation and Impact of Congestion Control. IEEE Access, 2020, 8, 197665-197683. | 4.2 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | On the Potential of V2X Message Compression for Vehicular Networks. IEEE Access, 2020, 8, 214254-214268. | 4.2 | 9 |
| 20 | Generation of Cooperative Perception Messages for Connected and Automated Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 16336-16341. | 6.3 | 70 |
| 21 | A Comprehensive Evaluation of Deep Learning-Based Techniques for Traffic Prediction. IEEE Access, 2020, 8, 91188-91212. | 4.2 | 22 |
| 22 | Comparison of IEEE 802.11p and LTE-V2X: An Evaluation With Periodic and Aperiodic Messages of Constant and Variable Size. IEEE Access, 2020, 8, 121526-121548. | 4.2 | 119 |
| 23 | Empirical Models for the Realistic Generation of Cooperative Awareness Messages in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 5713-5717. | 6.3 | 35 |
| 24 | Welcome to the June 2020 Issue [From the Editor]. IEEE Vehicular Technology Magazine, 2020, 15, 3-3. | 3.4 | 0 |
| 25 | Welcome to the December 2020 Issue of VTM [From the Editor]. IEEE Vehicular Technology Magazine, 2020, 15, 3-3. | 3.4 | 0 |
| 26 | Geo-Based Scheduling for C-V2X Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8397-8407. | 6.3 | 34 |
| 27 | Mode Selection for 5G Heterogeneous and Opportunistic Networks. IEEE Access, 2019, 7, 113511-113524. | 4.2 | 9 |
| 28 | Power and Packet Rate Control for Vehicular Networks in Multi-Application Scenarios. IEEE Transactions on Vehicular Technology, 2019, 68, 9029-9037. | 6.3 | 10 |
| 29 | Context-Aware Mode Selection for 5G Multi-Hop Cellular Networks. Electronics (Switzerland), 2019, 8, 840. | 3.1 | 2 |
| 30 | Analysis of Message Generation Rules for Collective Perception in Connected and Automated Driving. , 2019, , . | | 46 |
| 31 | Latency-Sensitive 5G RAN Slicing for Industry 4.0. IEEE Access, 2019, 7, 143139-143159. | 4.2 | 47 |
| 32 | On the Capacity of 5G NR Grant-Free Scheduling with Shared Radio Resources to Support Ultra-Reliable and Low-Latency Communications. Sensors, 2019, 19, 3575. | 3.8 | 21 |
| 33 | Load Balancing for Reliable Self-Organizing Industrial IoT Networks. IEEE Transactions on Industrial Informatics, 2019, 15, 5052-5063. | 11.3 | 21 |
| 34 | Sub-6GHz Assisted MAC for Millimeter Wave Vehicular Communications. IEEE Communications Magazine, 2019, 57, 125-131. | 6.1 | 54 |
| 35 | 5G and Beyond: Smart Devices as Part of the Network Fabric. IEEE Network, 2019, 33, 170-177. | 6.9 | 33 |
| 36 | IEEE VTM's Special Issues and Open-Call Submissions [From the Editor]. IEEE Vehicular Technology Magazine, 2019, 14, 3-3. | 3.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Welcome to the December 2019 Issue [From the Editor]. IEEE Vehicular Technology Magazine, 2019, 14, 3-3. | 3.4 | 1 |
| 38 | C-V2X Assisted mmWave V2V Scheduling. , 2019, , . | | 8 |
| 39 | Analytical Models of the Performance of C-V2X Mode 4 Vehicular Communications. IEEE Transactions on Vehicular Technology, 2019, 68, 1155-1166. | 6.3 | 211 |
| 40 | Context-aware heterogeneous V2X communications for connected vehicles. Computer Networks, 2018, 136, 13-21. | 5.1 | 17 |
| 41 | Configuration of the C-V2X Mode 4 Sidelink PC5 Interface for Vehicular Communication. , 2018, , . | | 58 |
| 42 | An IEEE 802.11p-Assisted LTE-V Scheduling for Reliable Multi-Link V2X Communications. , 2018, , . | | 8 |
| 43 | Effect of the Configuration of Platooning Maneuvers on the Traffic Flow under Mixed Traffic Scenarios. , 2018, , . | | 18 |
| 44 | Coordination of Congestion and Awareness Control in Vehicular Networks. Electronics (Switzerland), 2018, 7, 335. | 3.1 | 10 |
| 45 | Link Scheduling Scheme with Shared Links and Virtual Tokens for Industrial Wireless Sensor Networks. Mobile Networks and Applications, 2017, 22, 1083-1099. | 3.3 | 4 |
| 46 | Why 6 Mbps is Not (Always) the Optimum Data Rate for Beaconing in Vehicular Networks. IEEE Transactions on Mobile Computing, 2017, 16, 3568-3579. | 5.8 | 33 |
| 47 | Neighbor discovery for industrial wireless sensor networks with mobile nodes. Computer Communications, 2017, 111, 41-55. | 5.1 | 22 |
| 48 | On the Capacity Gain of Multi-Hop Cellular Networks With Opportunistic Networking and D2D: A Space-Time Graph-Based Evaluation. IEEE Wireless Communications Letters, 2017, 6, 762-765. | 5.0 | 5 |
| 49 | LTE-V for Sidelink 5G V2X Vehicular Communications: A New 5G Technology for Short-Range Vehicle-to-Everything Communications. IEEE Vehicular Technology Magazine, 2017, 12, 30-39. | 3.4 | 568 |
| 50 | System Level Evaluation of LTE-V2V Mode 4 Communications and Its Distributed Scheduling. , 2017, , . | | 76 |
| 51 | Thank You! [President's Message]. IEEE Vehicular Technology Magazine, 2017, 12, 4-95. | 3.4 | 6 |
| 52 | Content- and context-aware opportunistic cellular communications in device-centric wireless networks. , 2016, , . | | 0 |
| 53 | Fifth-Generation Technologies Trials [Mobile Radio]. IEEE Vehicular Technology Magazine, 2016, 11, 5-13. | 3.4 | 10 |
| 54 | Multipath QoS-driven routing protocol for industrial wireless networks. Journal of Network and Computer Applications, 2016, 74, 121-132. | 9.1 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | New VTS Online Multimedia Library [President's Message]. IEEE Vehicular Technology Magazine, 2016, 11, 5-5. | 3.4 | 0 |
| 56 | Plans for VTS [President's Message]. IEEE Vehicular Technology Magazine, 2016, 11, 4-81. | 3.4 | 0 |
| 57 | Energy-efficient opportunistic forwarding in multi-hop cellular networks using device-to-device communications. Transactions on Emerging Telecommunications Technologies, 2016, 27, 249-265. | 3.9 | 15 |
| 58 | New 3GPP Standard for IoT [Mobile Radio]. IEEE Vehicular Technology Magazine, 2016, 11, 14-20. | 3.4 | 119 |
| 59 | Integration of congestion and awareness control in vehicular networks. Ad Hoc Networks, 2016, 37, 29-43. | 5.5 | 48 |
| 60 | Context-aware opportunistic networking in multi-hop cellular networks. Ad Hoc Networks, 2016, 37, 418-434. | 5.5 | 11 |
| 61 | Contextual optimization of location-based routing protocols for multi-hop cellular networks using mobile relays. Telecommunication Systems, 2016, 61, 793-805. | 2.5 | 5 |
| 62 | Energy benefits of opportunistic device-centric wireless networks. , 2015, , . | | 0 |
| 63 | Opportunistic Multihopping for Energy Efficiency: Opportunistic Multihop Cellular Networking for Energy-Efficient Provision of Mobile Delay-Tolerant Services. IEEE Vehicular Technology Magazine, 2015, 10, 93-101. | 3.4 | 8 |
| 64 | 5G Tests and Demonstrations [Mobile Radio]. IEEE Vehicular Technology Magazine, 2015, 10, 16-25. | 3.4 | 22 |
| 65 | On the potential of network coding for cooperative awareness in vehicular networks. , 2015, , . | | 0 |
| 66 | Context-aware heterogeneous V2I communications. , 2015, , . | | 14 |
| 67 | VTC2015-Spring Welcome from the General Co-chairs. , 2015, , . | | 0 |
| 68 | Empirical Performance Models for V2V Communications. , 2015, , . | | 7 |
| 69 | Advances in Wireless Power Transfer [Mobile Radio]. IEEE Vehicular Technology Magazine, 2015, 10, 14-32. | 3.4 | 3 |
| 70 | A model for vehicle-to-infrastructure communications in urban environments. , 2015, , . | | 4 |
| 71 | Samsung Electronics Sets 5G Speed Record at 7.5 Gb/s [Mobile Radio]. IEEE Vehicular Technology Magazine, 2015, 10, 12-16. | 3.4 | 23 |
| 72 | Tentative 3GPP Timeline for 5G [Mobile Radio]. IEEE Vehicular Technology Magazine, 2015, 10, 12-18. | 3.4 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Empirical models of the communications performance of Multi-hop Cellular Networks using D2D. Journal of Network and Computer Applications, 2015, 58, 60-72. | 9.1 | 10 |
| 74 | Prestandard 5G Developments [Mobile Radio]. IEEE Vehicular Technology Magazine, 2014, 9, 14-28. | 3.4 | 8 |
| 75 | Mode Selection for Mobile Opportunistic Multi-Hop Cellular Networks. , 2014, , . | | 1 |
| 76 | Link-aware opportunistic D2D communications: Open source test-bed and experimental insights into their energy, capacity and QoS benefits. , 2014, , . | | 5 |
| 77 | Opportunistic networking for improving the energy efficiency of multi-hop cellular networks. , 2014, , . | | 2 |
| 78 | Integrated system for control and monitoring industrial wireless networks for labor risk prevention. Journal of Network and Computer Applications, 2014, 39, 233-252. | 9.1 | 40 |
| 79 | South Korea Launches LTE-Advanced [Mobile Radio]. IEEE Vehicular Technology Magazine, 2014, 9, 10-27. | 3.4 | 2 |
| 80 | Reputation based selfishness prevention techniques for mobile ad-hoc networks. Telecommunication Systems, 2014, 57, 181-195. | 2.5 | 12 |
| 81 | Long-Term Evolution Direct: A Device-to-Device Discovery Platform [Mobile Radio]. IEEE Vehicular Technology Magazine, 2014, 9, 10-17. | 3.4 | 1 |
| 82 | On the feasibility to deploy mobile industrial applications using wireless communications. Computers in Industry, 2014, 65, 1136-1146. | 9.9 | 8 |
| 83 | Adaptive beaconing for congestion and awareness control in vehicular networks. , 2014, , . | | 25 |
| 84 | Detection mechanism for reputation-based selfishness prevention in MANETs. Transactions on Emerging Telecommunications Technologies, 2013, 24, 582-588. | 3.9 | 3 |
| 85 | On the Real-Time Hardware Implementation Feasibility of Joint Radio Resource Management Policies for Heterogeneous Wireless Networks. IEEE Transactions on Mobile Computing, 2013, 12, 193-205. | 5.8 | 15 |
| 86 | How to divide a cake when people have different metabolism?. Mathematical Methods of Operations Research, 2013, 78, 361-371. | 1.0 | 6 |
| 87 | Cooperative vehicle-to-vehicle active safety testing under challenging conditions. Transportation Research Part C: Emerging Technologies, 2013, 26, 233-255. | 7.6 | 50 |
| 88 | Traffic congestion detection in large-scale scenarios using vehicle-to-vehicle communications. Journal of Network and Computer Applications, 2013, 36, 1295-1307. | 9.1 | 149 |
| 89 | Contention-based forwarding with multi-hop connectivity awareness in vehicular ad-hoc networks. Computer Networks, 2013, 57, 1821-1837. | 5.1 | 22 |
| 90 | Smartphones Sent into Space [Mobile Radio]. IEEE Vehicular Technology Magazine, 2013, 8, 13-18. | 3.4 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Experimental evaluation of multihop cellular networks using mobile relays [Accepted From Open Call]., 2013, 51, 122-129. | | 31 |
| 92 | Wireless solutions for improving health and safety working conditions in industrial environments. , 2013, , . | | 8 |
| 93 | LAN-ND, a new neighbour discovery protocol for mobile WirelessHART industrial networks. , 2013, , . | | 0 |
| 94 | Exploiting context information for V2X dissemination in vehicular networks. , 2013, , . | | 6 |
| 95 | Power-Aware Link Quality Estimation for Vehicular Communication Networks. IEEE Communications Letters, 2013, 17, 649-652. | 4.1 | 18 |
| 96 | iTETRIS: A modular simulation platform for the large scale evaluation of cooperative ITS applications. Simulation Modelling Practice and Theory, 2013, 34, 99-125. | 3.8 | 108 |
| 97 | Contextual and Applications-Aware Communications Protocol Design for Vehicle-to-Vehicle Communications. Wireless Personal Communications, 2013, 70, 1505-1524. | 2.7 | 3 |
| 98 | First LTE-Advanced Commercial Network Deployed [Mobile Radio]. IEEE Vehicular Technology Magazine, 2013, 8, 10-17. | 3.4 | 3 |
| 99 | First 10-Gb/s Mobile Packet Transmission [Mobile Radio]. IEEE Vehicular Technology Magazine, 2013, 8, 14-104. | 3.4 | 0 |
| 100 | Context-based opportunistic forwarding in multi-hop cellular networks using mobile relays. , 2013, , . | | 2 |
| 101 | Empirical performance models for P2P and two hops multi-hop cellular networks with mobile relays. , 2013, , . | | 18 |
| 102 | Store, carry and forward for energy efficiency in multi-hop cellular networks with mobile relays. , 2013, , . | | 3 |
| 103 | Exploiting context information for estimating the performance of vehicular communications. , 2013, , . | | 4 |
| 104 | Mode selection for Multi-Hop Cellular Networks with Mobile Relays. , 2013, , . | | 2 |
| 105 | Welcome message from the ON-MOVE chairs. , 2013, , . | | 0 |
| 106 | Experimental evaluation of cooperative active safety applications based on V2V communications. , 2012, , . | | 23 |
| 107 | IEEE 802.11p vehicle to infrastructure communications in urban environments. IEEE Communications Magazine, 2012, 50, 176-183. | 6.1 | 224 |
| 108 | Impact of the radio channel modelling on the performance of VAVANET communication protocols. Telecommunication Systems, 2012, 50, 149-167. | 2.5 | 64 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 109 | Spectrum for Medical Area Body Networks [Mobile Radio]. IEEE Vehicular Technology Magazine, 2012, 7, 11-17. | 3.4 | 1 |
| 110 | Wireless Connections Surpass 6 Billion Mark [Mobile Radio]. IEEE Vehicular Technology Magazine, 2012, 7, 13-17. | 3.4 | 4 |
| 111 | Impact of mobility on the management and performance of WirelessHART industrial communications. , 2012, , . | | 8 |
| 112 | Experimental RSSI-based localization system using wireless sensor networks. , 2012, , . | | 11 |
| 113 | Bankruptcy-based radio resource management for multimedia mobile networks. Transactions on Emerging Telecommunications Technologies, 2012, 23, 186-201. | 3.9 | 17 |
| 114 | Joint radio resource management for heterogeneous wireless systems. Wireless Networks, 2012, 18, 443-455. | 3.0 | 24 |
| 115 | Integer linear programming optimization of joint RRM policies for heterogeneous wireless systems. Computer Networks, 2012, 56, 112-126. | 5.1 | 9 |
| 116 | First Wireless Electric Vehicle Charging Trial [Mobile Radio]. IEEE Vehicular Technology Magazine, 2012, 7, 10-17. | 3.4 | 2 |
| 117 | Heterogeneous wireless connectivity for fixed and mobile sensing applications in industrial environments. , 2011, , . | | 5 |
| 118 | On the Importance of Application Requirements in Cooperative Vehicular Communications. , 2011, , . | | 20 |
| 119 | Wireless connectivity for mobile sensing applications in industrial environments. , 2011, , . | | 10 |
| 120 | On the capability of multi-hop cellular networks with mobile relays to improve handover performance. , 2011, , . | | 6 |
| 121 | Exploiting multi-hop connectivity for dynamic routing in VANETs. , 2011, , . | | 5 |
| 122 | Contextual Communications Congestion Control for Cooperative Vehicular Networks. IEEE Transactions on Wireless Communications, 2011, 10, 385-389. | 9.2 | 70 |
| 123 | Common Radio Resource Management Algorithms for Multimedia Heterogeneous Wireless Networks. IEEE Transactions on Mobile Computing, 2011, 10, 1201-1213. | 5.8 | 30 |
| 124 | Congestion and Awareness Control in Cooperative Vehicular Systems. Proceedings of the IEEE, 2011, 99, 1260-1279. | 21.3 | 108 |
| 125 | New Mobile Energy-Efficiency Initiatives [Mobile Radio]. IEEE Vehicular Technology Magazine, 2011, 6, 10-17. | 3.4 | 0 |
| 126 | Heterogeneous Wireless Networks [Mobile Radio]. IEEE Vehicular Technology Magazine, 2011, 6, 9-13. | 3.4 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Mobile Traffic Expected to Grow More Than 30-Fold [Mobile Radio]. IEEE Vehicular Technology Magazine, 2011, 6, 9-15. | 3.4 | 4 |
| 128 | Long-Term Evolution advanced Demonstrations [Mobile Radio]. IEEE Vehicular Technology Magazine, 2011, 6, 4-9. | 3.4 | 4 |
| 129 | VTC 2010 Spring- WiVeC Welcome from the General Co-chairs. , 2010, , . | | 0 |
| 130 | Link adaptation algorithms for improved delivery of delay- and error-sensitive packet-data services over wireless networks. Wireless Networks, 2010, 16, 593-606. | 3.0 | 3 |
| 131 | Green Radio Technologies [Mobile Radio. IEEE Vehicular Technology Magazine, 2010, 5, 9-14. | 3.4 | 21 |
| 132 | First Commercial LTE Network [Mobile Radio. IEEE Vehicular Technology Magazine, 2010, 5, 8-16. | 3.4 | 1 |
| 133 | Long-Term Evolution: 1 Gb/s and Beyond [Mobile Radio]. IEEE Vehicular Technology Magazine, 2010, 5, 7-13. | 3.4 | 1 |
| 134 | US Plan to Release 500MHz of Spectrum [Mobile Radio]. IEEE Vehicular Technology Magazine, 2010, 5, 8-16. | 3.4 | 1 |
| 135 | iTETRIS: Adaptation of ITS Technologies for Large Scale Integrated Simulation. , 2010, , . | | 32 |
| 136 | Distributed And Real Time Communications Road Connectivity Discovery through Vehicular Ad-hoc Networks. , 2010, , . | | 12 |
| 137 | On the implementation feasibility of reputation techniques for cooperative mobile ad-hoc networks. , 2010, , . | | 3 |
| 138 | Research testbed for field testing of Multi-hop Cellular Networks using Mobile Relays. , 2010, , . | | 7 |
| 139 | Infrastructure-assisted geo-routing for cooperative vehicular networks. , 2010, , . | | 50 |
| 140 | Improving selfishness detection in reputation protocols for cooperative mobile ad-hoc networks. , 2010, , . | | 5 |
| 141 | Application-Based Congestion Control Policy for the Communication Channel in VANETs. IEEE Communications Letters, 2010, 14, 951-953. | 4.1 | 37 |
| 142 | Road traffic congestion detection through cooperative Vehicle-to-Vehicle communications. , 2010, , . | | 115 |
| 143 | An IEEE 802.11 MAC Software Defined Radio implementation for experimental wireless communications and networking research. , 2010, , . | | 13 |
| 144 | Real-time computational performance of advanced JRRM policies in B3G heterogeneous wireless systems. , 2010, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Virtual Distributed Simulation Platform for the Study and Optimization of Future Beyond 3G Heterogeneous Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 368-379. | 0.3 | 0 |
| 146 | CRRM strategies for improving user QoS in multimedia heterogeneous wireless networks. , 2009, , . | | 2 |
| 147 | Energy efficient routing protocols for Multi-hop Cellular Networks. , 2009, , . | | 9 |
| 148 | LTE goes live [Mobile radio]. IEEE Vehicular Technology Magazine, 2009, 4, 11-15. | 3.4 | 1 |
| 149 | Neighbor selection techniques for multi-hop wireless mesh networks. , 2009, , . | | 2 |
| 150 | Adaptive Wireless Vehicular Communication Techniques under Correlated Radio Channels. , 2009, , . | | 2 |
| 151 | User Satisfaction Based CRRM policy for heterogeneous wireless networks. , 2009, , . | | 2 |
| 152 | VTC 2009 Spring Welcome from the Technical Program Committee. , 2009, , . | | 0 |
| 153 | Wireless Access in Vehicular Environments. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, . | 2.4 | 14 |
| 154 | Editors' opening address. Wireless Communications and Mobile Computing, 2008, 8, 549-551. | 1.2 | 0 |
| 155 | Mobile radio bi-dimensional large-scale fading modelling with site-to-site cross-correlation. European Transactions on Telecommunications, 2008, 19, 101-106. | 1.2 | 31 |
| 156 | Long-term evolution FDD and TDD demonstration [Mobile Radio]. IEEE Vehicular Technology Magazine, 2008, 3, 3-9. | 3.4 | 2 |
| 157 | First Google's android phone launched [Mobile Radio]. IEEE Vehicular Technology Magazine, 2008, 3, 3-69. | 3.4 | 15 |
| 158 | Common radio resource management policy for multimedia traffic in beyond 3G heterogeneous wireless systems. , 2008, , . | | 6 |
| 159 | Operation and Performance of Vehicular Ad-Hoc Routing Protocols in Realistic Environments. , 2008, , . | | 13 |
| 160 | Optimizing Adaptive Transmission Policies for Wireless Vehicular Communications. , 2008, , . | | 2 |
| 161 | User QoS-based Multi-Channel Assignment Schemes under Multimedia Traffic Conditions. , 2007, , . | | 7 |
| 162 | Effect of Channel-Quality Indicator Delay on HSDPA Performance. IEEE Vehicular Technology Conference, 2007, , . | 0.4 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Context-Based Communications Dimensioning for Safety Applications in Wireless Vehicular Systems. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , . | 0.0 | 0 |
| 164 | Multi-Channel Radio Resource Distribution Policies in Heterogeneous Traffic Scenarios. , 2007, , . | | 6 |
| 165 | Opportunistic-Driven Adaptive Radio Resource Management Technique for Efficient Wireless Vehicular Communications. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , . | 0.0 | 3 |
| 166 | Wireless Vehicular Adaptive Radio Resource Management Policies in Congested Channels. , 2007, , . | | 8 |
| 167 | An Efficient HCF Scheduling Mechanism in Mixed Traffic Scenarios. IEEE Vehicular Technology Conference, 2007, , . | 0.4 | 1 |
| 168 | Wivec welcome. , 2007, , . | | 0 |
| 169 | Real-time channel emulation for mobile communication test beds. IEEE Wireless Communications, 2007, 14, 54-60. | 9.0 | 1 |
| 170 | On the Importance of Radio Channel Modeling for the Dimensioning of Wireless Vehicular Communication Systems. , 2007, , . | | 11 |
| 171 | SPHERE - A Simulation Platform for Heterogeneous Wireless Systems. , 2007, , . | | 5 |
| 172 | Ultra Mobile Broadband [Mobile Radio]. IEEE Vehicular Technology Magazine, 2007, 2, 51-55. | 3.4 | 4 |
| 173 | WiTricity-The Wireless Power Transfer [Mobile Radio]. IEEE Vehicular Technology Magazine, 2007, 2, 38-44. | 3.4 | 30 |
| 174 | Policy-based channel access mechanism selection for QoS provision in IEEE 802.11e. IEEE Vehicular Technology Magazine, 2007, 2, 29-34. | 3.4 | 5 |
| 175 | Opportunistic technique for efficient wireless vehicular communications. IEEE Vehicular Technology Magazine, 2007, 2, 33-39. | 3.4 | 26 |
| 176 | WiMAX recognized as an IMT-2000 3G technology [Mobile Radio]. IEEE Vehicular Technology Magazine, 2007, 2, 53-59. | 3.4 | 1 |
| 177 | Dimensioning and Configuring Cross-Layer Channel Assignment Schemes in Packet Mobile Radio Networks with Mixed Traffic Services. , 2006, , . | | 0 |
| 178 | Dimensioning Wave-Based Inter-Vehicle Communication Systems for Vehicular Safety Applications. , 2006, , . | | 6 |
| 179 | Game theoretic and coordinated interference based channel allocation schemes for packet mobile communication systems. International Journal of Mobile Network Design and Innovation, 2006, 1, 136. | 0.1 | 1 |
| 180 | Operation and Performance of Link-Quality Based Channel Assignment Schemes in Adaptive Packet-Switched Mobile Radio Systems. Wireless Personal Communications, 2006, 38, 455-479. | 2.7 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Mobile WiMAX rollouts announced [Mobile Radio]. IEEE Vehicular Technology Magazine, 2006, 1, 53-59. | 3.4 | 3 |
| 182 | First HSUPA live demonstrations [Mobile Radio]. IEEE Vehicular Technology Magazine, 2006, 1, 60-65. | 3.4 | 1 |
| 183 | QoS provisioning in beyond 3G heterogeneous wireless systems through common radio resource management algorithms. , 2006, , . | | 5 |
| 184 | System performance and adaptive configuration of link adaptation techniques in packet-switched cellular radio networks. Computer Networks, 2005, 49, 404-426. | 5.1 | 6 |
| 185 | Link adaptation algorithm for improved wireless transmission of delay-sensitive packet data services. Electronics Letters, 2005, 41, 813. | 1.0 | 8 |
| 186 | Channel allocation mechanisms for improving QoS in packet mobile radio networks. Electronics Letters, 2005, 41, 21. | 1.0 | 9 |
| 187 | Effect of Shadowing Correlation Modeling on the System Level Performance of Adaptive Radio Resource Management Techniques. , 2005, , . | | 16 |
| 188 | Performance of link adaptation in GPRS. Electronics Letters, 2003, 39, 139. | 1.0 | 4 |
| 189 | On the Dynamics of Link Adaptation Updating Periods for Packet Switched Systems. Wireless Personal Communications, 2002, 23, 137-145. | 2.7 | 8 |
| 190 | GPRS link adaptation switching thresholds and intervals. Electronics Letters, 2000, 36, 1311. | 1.0 | 6 |
| 191 | Support of low delay data services in GSM. Electronics Letters, 1998, 34, 528. | 1.0 | 0 |
| 192 | Guaranteeing quality of service in mobile radio networks by means of link adaptation algorithms. , 0, , . | | 0 |
| 193 | Performance comparison of channel allocation techniques in packet-switched mobile communication networks. , 0, , . | | 0 |