# Multihop R-ALOHA for intervehicle communications at

IEEE Transactions on Vehicular Technology

46, 992-1005

DOI: 10.1109/25.653073

Citation Report

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Communication systems at millimeter waves for ITS applications. , 0, , . | | 13 |
| 2 | Performance evaluation of R-ALOHA for inter-vehicle communications at millimeter waves. , 0, , . | | 7 |
| 3 | An autonomous distributed inter-vehicle communication network using multicode sense CDMA. , 0, , . | | 4 |
| 4 | Millimeter waves for short-range multimedia communication systems. Proceedings of the IEEE, 1998, 86, 1383-1401. | 21.3 | 37 |
| 5 | The effect of multipath interference on the performance of random accessing. International Journal of Communication Systems, 1999, 12, 65-82. | 2.5 | 0 |
| 6 | Performance evaluation of autonomous decentralized vehicle-grouping protocol for vehicle-to-vehicle communications. , 0, , . | | 3 |
| 7 | Combined cellular/direct method of inter-vehicle communication. , 0, , . | | 12 |
| 8 | Intelligent transportation systems: the role of third generation mobile radio networks. , 2000, 38, 144-151. | | 90 |
| 9 | Vehicle to vehicle communication outage and its impact on convoy driving. , 0, , . | | 11 |
| 10 | Interference characteristics in intervehicle communication from oncoming vehicles. Electronics and Communications in Japan, 2001, 84, 9-18. | 0.2 | 2 |
| 11 | Distance dependence of path loss for millimeter wave inter-vehicle communications. , 2003, , . | | 25 |
| 12 | A vehicle-to-vehicle communication protocol for cooperative collision warning. , 0, , . | | 257 |
| 13 | Three-tiered sensor networks architecture for traffic information monitoring and processing. , 2005, , . | | 11 |
| 14 | Capture effect on R-ALOHA protocol for inter-vehicle communications. , 0, , . | | 7 |
| 15 | Simulation of mobile-to-mobile radio fading channels. , 2005, , . | | 3 |
| 16 | Cooperative vehicle collision avoidance using inter-vehicle packet forwarding. , 2005, , . | | 55 |
| 17 | Vehicle-to-vehicle wireless communication protocols for enhancing highway traffic safety. , 2006, 44, 74-82. | | 733 |
| 18 | VADD: Vehicle-Assisted Data Delivery in Vehicular Ad Hoc Networks. , 2006, , . | | 314 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Direction-oriented routing scheme for intervehicle multihop wireless networks. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.4 | 3 |
| 20 | Analysis of Sliding Frame R-ALOHA for Real-Time Ad Hoc Wireless Networks in a Fading Environment. , 2006, , . | | 0 |
| 21 | An aggressive wireless access data strategy for mobile networks. , 2007, , . | | 0 |
| 22 | Performance Evaluation of Multi-hop Inter-Vehicle Communication for Vehicle Safety Using Road to Vehicle Communication to Control. , 2007, , . | | 3 |
| 23 | Self-Configuring TDMA Protocols for Enhancing Vehicle Safety With DSRC Based Vehicle-to-Vehicle Communications. IEEE Journal on Selected Areas in Communications, 2007, 25, 1526-1537. | 14.0 | 101 |
| 24 | VADD: Vehicle-Assisted Data Delivery in Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 1910-1922. | 6.3 | 646 |
| 25 | V2V Wireless Communication Protocol for Rear-End Collision Avoidance on Highways. , 2008, , . | | 59 |
| 26 | Inter-vehicle communication systems: a survey. IEEE Communications Surveys and Tutorials, 2008, 10, 88-105. | 39.4 | 382 |
| 27 | Design and Analysis of a MAC Protocol for Vehicle to Roadside Networks. , 2008, , . | | 10 |
| 28 | Medium Access Control in Vehicle to Roadside Networks. , 2008, , . | | 0 |
| 29 | Exploiting vertical diversity in vehicular channel environments. , 2009, , . | | 7 |
| 30 | Analysis of sliding frame R-ALOHA protocol for real-time distributed wireless networks. Wireless Networks, 2009, 15, 1102-1112. | 3.0 | 10 |
| 31 | A-ADHOC: An adaptive real-time distributed MAC protocol for Vehicular Ad Hoc Networks. , 2009, , . | | 13 |
| 32 | Dynamic Slot Allocation Algorithm for R-ALOHA with Priority (PR-ALOHA). , 2010, , . | | 5 |
| 33 | R-ALOHA with priority (PR-ALOHA) in non ideal channel with capture effects. , 2010, , . | | 11 |
| 34 | VD4: Vehicular Density-Dependent Data Delivery Model in Vehicular Ad Hoc Networks. , 2010, , . | | 2 |
| 35 | A-ADHOC: An Adaptive Real-time Distributed MAC Protocol for Vehicular Ad Hoc Networks. Mobile Networks and Applications, 2011, 16, 576-585. | 3.3 | 21 |
| 36 | Medium access control in vehicular ad hoc networks. Wireless Communications and Mobile Computing, 2011, 11, 796-812. | 1.2 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Analyzing sliding frame reservation-Aloha MAC protocol against mobile hidden station problem in MANET. , 2011, , . | | 0 |
| 38 | A Joint Vehicle-Vehicle/Vehicle-Roadside Communication Protocol for Highway Traffic Safety. International Journal of Vehicular Technology, 2011, 2011, 1-10. | 1.1 | 15 |
| 39 | Analysis of PR-ALOHA protocol for inter vehicle communications. , 2011, , . | | 2 |
| 40 | On the Joint V2I and V2V Scheduling for Cooperative VANETs With Network Coding. IEEE Transactions on Vehicular Technology, 2012, 61, 62-73. | 6.3 | 81 |
| 41 | Maximal Scheduling in Wireless Ad Hoc Networks With Hypergraph Interference Models. IEEE Transactions on Vehicular Technology, 2012, 61, 297-310. | 6.3 | 35 |
| 42 | Realtime information propagation for a distributed traffic information system. , 2013, , . | | 0 |
| 43 | A Localized Adaptive Strategy to Calculate the Backoff Interval in Contention-Based Vehicular Networks. IEEE Access, 2014, 2, 215-226. | 4.2 | 6 |
| 44 | Analysis of Priority R-ALOHA (PR-ALOHA) protocol. Wireless Communications and Mobile Computing, 2015, 15, 716-725. | 1.2 | 3 |
| 45 | A novel MAC protocol based on cooperative master-slave for V2V communication. , 2015, , . | | 4 |
| 46 | Modeling and Analysis of Reservation Frame Slotted-ALOHA in Wireless Machine-to-Machine Area Networks for Data Collection. Sensors, 2015, 15, 3911-3931. | 3.8 | 5 |
| 47 | High precision localization for autonomous vehicles via multiple sensors, data fusion and novel wireless technologies. , 2016, , . | | 5 |
| 48 | Millimeter Wave Data Networking for Autonomous Vehicle Systems. , 2020, , . | | 0 |
| 49 | Moving Target Oriented Opportunistic Routing Algorithm in Vehicular Networks. International Journal of Distributed Sensor Networks, 2013, 9, 692146. | 2.2 | 2 |
| 51 | Enhancement of Delivery of Warning Messages for Mobile Networks. Journal of Networks, 2008, 3, . | 0.4 | 1 |
| 52 | Deep-Reinforcement-Learning-Based Distributed Vehicle Position Controls for Coverage Expansion in mmWave V2X. IEICE Transactions on Communications, 2019, E102.B, 2054-2065. | 0.7 | 4 |
| 53 | Novel Optical Scattering-Based V2V Communications With Experimental Analysis. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15765-15779. | 8.0 | 5 |