

# Vehicular Networking: A Survey and Tutorial on Requirements, Standards and Solutions

IEEE Communications Surveys and Tutorials

13, 584-616

DOI: [10.1109/surv.2011.061411.00019](https://doi.org/10.1109/surv.2011.061411.00019)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A new IVC based on Ad Hoc and its design simulations. , 2011, , .		1
2	Field tests and indoor emulation of distributed autonomous multi-hop vehicle-to-vehicle communications over TV white space. , 2012, , .		11
3	Dissecting dissemination in VANETs. , 2012, , .		0
4	Optimal roadside unit deployment in vehicle-to-infrastructure communications. , 2012, , .		12
5	Infotainment traffic flow dissemination in an urban VANET. , 2012, , .		20
6	To crash or not to crash: Estimating its likelihood and potentials of beacon-based IVC systems. , 2012, , .		20
7	A novel reliable routing scheme for VANETs. , 2012, , .		0
8	Enabling delay-tolerant communications for partially connected vehicular ad hoc networks. International Journal of Ad Hoc and Ubiquitous Computing, 2012, 11, 157.	0.5	3
9	Enabling Cyber Physical Systems with Wireless Sensor Networking Technologies. International Journal of Distributed Sensor Networks, 2012, 8, 489794.	2.2	33
10	Vehicle-to-infrastructure communication based on 802.11n wireless local area network technology. , 2012, , .		4
11	Fair and adaptive data dissemination for Traffic Information Systems. , 2012, , .		20
12	Towards provisioning vehicle-based rural information services. , 2012, , .		2
13	Mobile ad-hoc routing protocols survey for the design of VANET applications. , 2012, , .		8
14	Performance Analysis of Mobile Publish-Subscribe Service Discovery on IPv6 over GeoNetworking. , 2012, , .		2
15	Efficiency analysis of geocast target region specifications for VANET applications. , 2012, , .		10
16	Miniarutized and lightweight automotive antenna design for vehicle to vehicle communication. , 2012, , .		1
17	A vehicle density and load aware routing protocol for VANETs in city scenarios. , 2012, , .		13
18	Scalability Analysis of Infrastructure Networks for Vehicular Safety Applications. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
19	5 GHz Intra-Vehicle Channel Characterization. , 2012, , .		11
20	Adaptive modulation in public transport network system with network coding. , 2012, , .		0
21	Dynamic bandwidth allocation in mobile hotspots. , 2012, , .		1
22	Multicast routing protocol for Vehicular Delay-Tolerant Networks. , 2012, , .		10
23	From Delay-Tolerant Networks to Vehicular Delay-Tolerant Networks. IEEE Communications Surveys and Tutorials, 2012, 14, 1166-1182.	39.4	189
24	How to secure ITS applications?. , 2012, , .		5
25	3GPP LTE Versus IEEE 802.11p/WAVE: Which Technology is Able to Support Cooperative Vehicular Safety Applications?. IEEE Wireless Communications Letters, 2012, 1, 125-128.	5.0	238
26	A low-profile, low-cost antenna system with improved gain for DSRC vehicle-to-vehicle communications. International Journal of RF and Microwave Computer-Aided Engineering, 2013, 23, 111-117.	1.2	9
28	A Survey on Security in Vehicular Ad Hoc Networks. Lecture Notes in Computer Science, 2013, , 59-74.	1.3	33
29	Two-state routing protocol for maritime multi-hop wireless networks. Computers and Electrical Engineering, 2013, 39, 1854-1866.	4.8	22
30	Road traffic density estimation in vehicular networks. , 2013, , .		10
31	A reference architecture for cooperative driving. Journal of Systems Architecture, 2013, 59, 1095-1112.	4.3	32
32	An effective routing protocol for intermittently connected vehicular ad hoc networks. , 2013, , .		5
33	Providing Differentiated Levels of Service Availability in VANET Communications. IEEE Communications Letters, 2013, 17, 1380-1383.	4.1	15
34	V2V Communication Channels: State of Knowledge, New Results, and Whatâ€™s Next. Lecture Notes in Computer Science, 2013, , 1-21.	1.3	20
35	A scalable data dissemination protocol for both highway and urban vehicular environments. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	32
36	Relevance estimation of cooperative awareness messages in VANETs. , 2013, , .		8
37	Secure Verification of Location Claims on a Vehicular Safety Application. , 2013, , .		6

#	ARTICLE	IF	CITATIONS
38	Security issues in vehicular networks. , 2013, , .		4
39	AAF: Analog superposition assisted forwarding node selection and density estimation in vehicular networks. , 2013, , .		1
40	Vehicles Meet Infrastructure: Toward Capacityâ€“Cost Tradeoffs for Vehicular Access Networks. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 1266-1277.	8.0	81
41	Improvement of connectivity between infrastructure and consumer devices for infotainment services. IEEE Transactions on Consumer Electronics, 2013, 59, 329-334.	3.6	8
42	Fast and Reliable Hybrid routing for Vehicular Ad hoc Networks. , 2013, , .		6
43	V2V2I: Extended inter-vehicles to infrastructure communication paradigm. , 2013, , .		7
44	Power Control in See-Through Overtaking Assistance System. IEEE Communications Letters, 2013, 17, 612-615.	4.1	12
45	A Coalitional Game Theoretical Model for Content Downloading in Multihop VANETs. , 2013, , .		7
46	HIMALIS-C-ITS: Fast and secure mobility management scheme based on HIMALIS for cooperative ITS service in future networks. , 2013, , .		1
47	Analysis of connectivity probability and hop count for multi-hop broadcasting in vehicular networks. , 2013, , .		4
48	Defense against Sybil attack in the initial deployment stage of vehicular ad hoc network based on roadside unit support. Security and Communication Networks, 2013, 6, 523-538.	1.5	37
49	The Use of Automotive Radars in Video-Based Overtaking Assistance Applications. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 1035-1042.	8.0	32
50	Vehicular Networks for a Greener Environment: A Survey. IEEE Communications Surveys and Tutorials, 2013, 15, 1372-1388.	39.4	75
51	A moving cluster architecture and an intelligent resource reuse protocol for vehicular networks. Wireless Networks, 2013, 19, 1881-1900.	3.0	13
53	Vehicular Ad-hoc Networks (VANETs): Architecture, Protocols and Applications. Computer Communications and Networks, 2013, , 49-70.	0.8	37
54	Introduction to Wireless Multi-Hop Networks. SpringerBriefs in Computer Science, 2013, , 1-9.	0.2	5
55	Energy-Aware Cooperative Content Distribution over Wireless Networks: Design Alternatives and Implementation Aspects. IEEE Communications Surveys and Tutorials, 2013, 15, 1736-1760.	39.4	64
56	A Markov Chain Based Model for Congestion Control in VANETs. , 2013, , .		5

#	ARTICLE	IF	CITATIONS
57	GPS aided inter-vehicular wireless networking. , 2013, , .		13
58	Vehicular Backbone Network Approach to Vehicular Military Ad Hoc Networks. , 2013, , .		6
59	A novel location-based channel congestion control scheme in V2I networks. , 2013, , .		1
60	An improved routing metric based on link states for vehicular ad hoc networks. , 2013, , .		0
61	A MAC protocol with dynamic frame size by vehicle estimation for vehicular ad hoc networks. , 2013, , .		0
62	Dynamic Channel Coordination Schemes for IEEE 802.11p/1609 Vehicular Networks: A Survey. International Journal of Distributed Sensor Networks, 2013, 9, 827317.	2.2	8
63	MCNC: Data Aggregation and Dissemination in Vehicular Ad hoc Networks Using Multicast Network Coding. International Journal of Distributed Sensor Networks, 2013, 9, 853014.	2.2	1
64	An Empirical Study on Ad Hoc Performance of DSRC and Wi-Fi Vehicular Communications. International Journal of Distributed Sensor Networks, 2013, 9, 482695.	2.2	22
65	Secrecy-Enhanced Data Dissemination Using Cooperative Relaying in Vehicular Networks. International Journal of Distributed Sensor Networks, 2013, 9, 505831.	2.2	2
66	GPCR-D: A Topology and Position Based Routing Protocol in VANET. Advanced Materials Research, 0, 846-847, 858-863.	0.3	2
67	Dynamic Cognitive Self-Organized TDMA for Medium Access Control in Real-Time Vehicle to Vehicle Communications. Mathematical Problems in Engineering, 2013, 2013, 1-13.	1.1	3
68	TEAP: A Traffic Jam Early Alert Protocol in VANET. Applied Mechanics and Materials, 0, 416-417, 1978-1982.	0.2	0
69	Parking Garage Channel Characteristics at 5 GHz for V2V Applications. , 2013, , .		14
70	Performance Comparison of IEEE 802.11p and IEEE 802.11b for Vehicle-to-Vehicle Communications in Highway, Rural, and Urban Areas. International Journal of Vehicular Technology, 2013, 2013, 1-10.	1.1	39
71	A geometry-based coverage strategy over urban VANETs. , 2013, , .		24
72	VeMail: A message handling system towards efficient transportation management. , 2013, , .		0
73	Content-centric networking for telematics services. , 2013, , .		0
74	On/off sleep scheduling in energy efficient vehicular roadside infrastructure. , 2013, , .		12

#	ARTICLE	IF	CITATIONS
75	Coalitional game theoretic approach for cooperative transmission in vehicular networks. , 2013, , .		9
76	VIN6: VIN-based IPv6 provider independent addressing for future vehicular internet communications. , 2013, , .		2
77	Statistical Beaconing Congestion Control for Vehicular Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 4162-4181.	6.3	28
78	Field tests and indoor emulation of distributed autonomous multi-hop vehicle-to-vehicle communications over TV white space. Mobile Computing and Communications Review, 2013, 16, 54-57.	1.7	11
79	Wide-Area Publish/Subscribe Mobile Resource Discovery Based on IPv6 GeoNetworking. IEICE Transactions on Communications, 2013, E96.B, 1706-1715.	0.7	0
80	eHealth Service Support in Future IPv6 Vehicular Networks. Future Internet, 2013, 5, 317-335.	3.8	3
81	A Wireless and Real-Time Monitoring System Design for Car Networking Applications. International Journal of Antennas and Propagation, 2013, 2013, 1-5.	1.2	3
82	Small LTE Base Stations Deployment in Vehicle-to-Road- Infrastructure Communications. , 0, , .		4
83	Reduction of Fuel Consumption and Exhaust Pollutant Using Intelligent Transport Systems. Scientific World Journal, The, 2014, 2014, 1-13.	2.1	45
84	Vehicle in a cognitive network. Intelligent Decision Technologies, 2014, 9, 17-27.	0.9	1
85	Measuring the Capacity between Boats of Vehicular Ad Hoc Networks. , 2014, , .		0
86	An Analytic Hierarchy Process Based Approach for Optimal Road Side Unit Placement in Vehicular Ad Hoc Networks. , 2014, , .		7
87	Privacy-Preserving Cooperative Route Planning. IEEE Internet of Things Journal, 2014, 1, 590-599.	8.7	12
88	Resource-Management for Vehicular Real-Time Application under Hard Reliability Constraints. , 2014, , .		8
89	Primary-secondary resource-management on vehicular networks under soft and hard collision constraints. , 2014, , .		2
90	A TDMA-based channel access scheme for achieving fairness in inter-vehicle communications. , 2014, , .		2
91	An overview of Internet of Vehicles. China Communications, 2014, 11, 1-15.	3.2	469
92	Investigating the security threats in Vehicular ad hoc Networks (VANETs): Towards security engineering for safer on-road transportation. , 2014, , .		26

#	ARTICLE	IF	CITATIONS
93	Inter street interference cancelation in urban vehicular networks using network coding. , 2014, , .		1
94	Modeling the vehicle-to-vehicle propagation channel: A review. Radio Science, 2014, 49, 721-736.	1.6	33
95	Autonomic data dissemination in highway Vehicular Ad Hoc Networks with diverse traffic conditions. , 2014, , .		11
96	A Genetic Algorithm-Based Sparse Coverage over Urban VANETs. , 2014, , .		3
97	CARTIM: A proposal toward identification and minimization of vehicular traffic congestion for VANET. , 2014, , .		27
98	A self-adaptive data dissemination solution for intelligent transportation systems. , 2014, , .		16
99	A virtual P-Persistent bandwidth partitioning manager for VANET's broadcast channel. , 2014, , .		1
100	Uplink utilization with V2V2R communications in clustered vehicular networks. , 2014, , .		4
101	Geographic routing protocol for vehicular ad hoc networks in city scenarios: a proposal and analysis. International Journal of Communication Systems, 2014, 27, 4126-4143.	2.5	29
102	Performance Improvement in Geographic Routing for Vehicular Ad Hoc Networks. Sensors, 2014, 14, 22342-22371.	3.8	50
103	Shortest-time route finding application using vehicular communication. , 2014, , .		5
104	IJS: An Intelligent Junction Selection Based Routing Protocol for VANET to Support ITS Services. International Scholarly Research Notices, 2014, 2014, 1-14.	0.9	3
105	Spectrum Requirement for Vehicle-to-Vehicle Communication for Traffic Safety. , 2014, , .		15
106	Secure pairwise key establishment in vehicular networks. , 2014, , .		3
107	Cellular-based vehicle to pedestrian (V2P) adaptive communication for collision avoidance. , 2014, , .		50
108	V2V Path Loss Modeling for Example 5 GHz Overpass Channels. , 2014, , .		1
109	Performance evaluation of primary-secondary reliable resource-management in vehicular networks. , 2014, , .		11
110	Timings matter. , 2014, , .		8

#	ARTICLE	IF	CITATIONS
111	Vehicle Monitoring System Using IEEE 802.11p Devices. , 2014, , .		0
112	A Reliable Beaconless Routing Protocol for VANETs. , 2014, , .		5
113	A Compressed Sensing Approach to Monitor Urban Traffic with Data Aggregation in VANETs. , 2014, , .		3
114	Social networks for certification in Vehicular Disruption Tolerant Networks. , 2014, , .		5
115	Generic stochastic modeling of vehicle-to-vehicle wireless channels. Vehicular Communications, 2014, 1, 153-167.	4.0	17
116	Dynamic Overlay-Based Scheme for Video Delivery over VANETs. , 2014, , .		0
117	A model for situation and threat/impact assessment in vehicular ad-hoc networks. , 2014, , .		3
118	A Knapsack Constrained Steiner Tree model for continuous coverage over urban VANETs. , 2014, , .		4
119	Analyzing dynamic IPv6 address auto-configuration techniques for group IP-based vehicular communications. , 2014, , .		4
120	A new analytical model for highway inter-vehicle communication systems. , 2014, , .		7
121	A rule based control algorithm of connected vehicles in uncontrolled intersection. , 2014, , .		13
122	Hotspot discovery algorithms in coverage selection model over VANETs. , 2014, , .		0
123	Distributed source-relay selection scheme for vehicular relaying networks under eavesdropping attacks. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	8
124	Exploring efficient seamless handover in VANET systems using network dwell time. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	17
125	Reliable Delivery of Warning Messages in Partitioned Vehicular Ad Hoc Networks. , 2014, , .		1
126	Connectivity management to support reliable communication on Cognitive vehicular networks. , 2014, , .		4
127	Robust vehicle-to-infrastructure video transmission for road surveillance applications. IEEE Transactions on Vehicular Technology, 2014, , 1-1.	6.3	38
128	Live Video Streaming in Vehicular Networks. Lecture Notes in Computer Science, 2014, , 156-162.	1.3	3



#	ARTICLE	IF	CITATIONS
129	A probabilistic model for communication link reliability in vehicular ad hoc networks. , 2014, , .		2
130	A secure alert messaging system for safe driving. Computer Communications, 2014, 46, 29-42.	5.1	17
131	A survey on vehicular cloud computing. Journal of Network and Computer Applications, 2014, 40, 325-344.	9.1	665
132	Minimum Energy Data Transmission for Wireless Networked Control Systems. IEEE Transactions on Wireless Communications, 2014, 13, 2163-2175.	9.2	45
133	Mobile Internet access over intermittent network connectivity. Journal of Network and Computer Applications, 2014, 40, 126-138.	9.1	6
134	Opportunistic Spectrum Access for CR-VANETs: A Game-Theoretic Approach. IEEE Transactions on Vehicular Technology, 2014, 63, 237-251.	6.3	117
135	Routing protocols in Vehicular Delay Tolerant Networks: A comprehensive survey. Computer Communications, 2014, 48, 141-158.	5.1	141
136	A Vehicular Networking Perspective on Estimating Vehicle Collision Probability at Intersections. IEEE Transactions on Vehicular Technology, 2014, 63, 1802-1812.	6.3	72
137	Cooperative Adaptive Cruise Control in Real Traffic Situations. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 296-305.	8.0	801
138	Cooperative information forwarding in vehicular networks subject to channel randomness. , 2014, , .		5
139	VeDi: A vehicular crowd-sourced video social network for VANETs. , 2014, , .		21
140	Modeling and Analysis of an Infrastructure Service Request Queue in Multichannel V2I Communications. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 1155-1167.	8.0	20
141	When vehicles meet TV white space: A QoS guaranteed dynamic spectrum access approach for VANET. , 2014, , .		19
142	Downlink utilization with R2V2V communications in clustered vehicular networks. , 2014, , .		0
143	IoT sensing framework with inter-cloud computing capability in vehicular networking. Electronic Commerce Research, 2014, 14, 389-416.	5.0	53
144	A link state aware geographic routing protocol for vehicular ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	14
145	Advisory warnings based on cooperative perception. , 2014, , .		23
146	Joint placement and sleep scheduling of grid-connected solar powered road side units in vehicular networks. , 2014, , .		15

#	ARTICLE	IF	CITATIONS
147	Vehicular ad hoc networks (VANETs): Current state, challenges, potentials and way forward. , 2014, , .		122
148	A relay-based coverage area model for optimal connectivity in vehicular networks. , 2014, , .		2
149	On Modeling and Testing Security Properties of Vehicular Networks. , 2014, , .		2
150	Vehicle monitoring system using IEEE 802.11p device and Android application. , 2014, , .		6
151	Safety applications modeling methodology and performance optimization in road vehicle communication. , 2014, , .		0
152	Vehicular Ad Hoc Networks: Architectures, Research Issues, Challenges and Trends. Lecture Notes in Computer Science, 2014, , 102-113.	1.3	11
153	RSU placement optimization in vehicular participatory sensing networks. , 2014, , .		9
154	Compressed multi-access for MIMO-based Vehicle Communications Network. , 2014, , .		1
155	Simplified Parallel Interference Cancellation for Underdetermined MIMO Systems. IEEE Transactions on Vehicular Technology, 2014, 63, 3196-3208.	6.3	4
156	A Protocol for Identification and Minimization of Traffic Congestion in Vehicular Networks. , 2014, , .		3
157	Contention window adaptation for broadcast beaconing in vehicular ad hoc networks. , 2014, , .		7
158	Congestion control in vehicular networks using network coding. , 2014, , .		7
159	HIMALIS-VI: Fast and Secure Mobility Management Scheme Based on HIMALIS for V2I Services in Future Networks. Wireless Personal Communications, 2014, 78, 2009-2023.	2.7	2
160	Enhanced fast handovers for PMIPv6 in vehicular environments. , 2014, , .		6
161	A Review of Network Mobility Protocols for Fully Electrical Vehicles Services. IEEE Intelligent Transportation Systems Magazine, 2014, 6, 80-95.	3.8	6
162	Providing ubiquitous communication using handover techniques in VANET systems. , 2014, , .		3
163	ITS for Sustainable Mobility: A Survey on Applications and Impact Assessment Tools. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 477-493.	8.0	54
164	Content-centric wireless networking: A survey. Computer Networks, 2014, 72, 1-13.	5.1	114

#	ARTICLE	IF	CITATIONS
165	Performance Evaluation of IEEE 802.11p-Enabled Vehicular Video Surveillance System. IEEE Communications Letters, 2014, 18, 708-711.	4.1	59
166	Cluster-based traffic information generalization in Vehicular Ad-hoc Networks. Vehicular Communications, 2014, 1, 197-207.	4.0	41
167	An Intersection-based Delay sensitive routing for VANETs using ACO algorithm. , 2014, , .		12
168	Fast and Secure Multihop Broadcast Solutions for Intervehicular Communication. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 433-450.	8.0	49
169	On adding the social dimension to the Internet of Vehicles: Friendship and middleware. , 2014, , .		62
170	Real-Time Detection of Denial-of-Service Attacks in IEEE 802.11p Vehicular Networks. IEEE Communications Letters, 2014, 18, 110-113.	4.1	104
171	LTE and IEEE 802.11p for vehicular networking: a performance evaluation. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	204
172	A survey on data dissemination in vehicular ad hoc networks. Vehicular Communications, 2014, 1, 214-225.	4.0	129
173	Connected Vehicles: Solutions and Challenges. IEEE Internet of Things Journal, 2014, 1, 289-299.	8.7	913
175	Vehicular networks using the IEEE 802.11p standard: An experimental analysis. Vehicular Communications, 2014, 1, 91-96.	4.0	109
176	Automatic field data analyzer for closed-loop vehicle design. Information Sciences, 2014, 259, 321-334.	6.9	5
177	On the applicability of fair and adaptive data dissemination in traffic information systems. Ad Hoc Networks, 2014, 13, 428-443.	5.5	25
178	Vehicular Passenger Mobility-Aware Bandwidth Allocation in Mobile Hotspots. IEEE Transactions on Wireless Communications, 2014, 13, 3281-3292.	9.2	1
179	A Distance-Aware Safety-Related Message Broadcasting Algorithm for Vehicular Networks. International Journal of Distributed Sensor Networks, 2014, 10, 139857.	2.2	3
180	Engineering Link Utilization in Cellular Offloading Oriented VANETs. , 2014, , .		2
181	Relay selection for alert messaging in vanets based on bi-directional stable communication approach. , 2014, , .		2
182	Design and simulation of a collision notification application with geocast routing for car-to-car communications. European Transport Research Review, 2015, 7, .	4.8	4
183	Regularized ICI Cancellation in V2V Communications. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
184	A Probabilistic Model for Link Duration in Vehicular Ad Hoc Networks under Rayleigh Fading Channel Conditions. , 2015, , .		4
185	Network coding techniques for VANET advertising applications. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	7
186	A novel mechanism for detecting DOS attack in VANET using Enhanced Attacked Packet Detection Algorithm (EAPDA). , 2015, , .		28
187	Temporal connectivity of vehicular networks: The power of store-carry-and-forward. , 2015, , .		19
188	Network security protocol for constrained resource devices in Internet of things. , 2015, , .		7
189	GARUDA: A New Geographical Accident Aware Solution to Reduce Urban Congestion. , 2015, , .		8
190	Enhanced Distributed Multi-Hop Clustering Algorithm for VANETs Based on Neighborhood Follow (EDMCNF) Collaborated with Road Side Units. , 2015, , .		2
191	A Distribution Method of High Precise Differential Corrections for a Network Beidou/RTK System Based on Vehicular Networks. Cybernetics and Information Technologies, 2015, 15, 140-150.	1.1	0
192	Modeling and dynamical topology properties of VANET based on complex networks theory. AIP Advances, 2015, 5, .	1.3	11
194	Infrastructure-assisted efficient broadcasting in hybrid vehicular networks. , 2015, , .		5
195	An electric-vehicle-based supplementary power delivery system. , 2015, , .		10
196	Bus-based content downloading for Vehicular Ad Hoc Networks. , 2015, , .		3
197	Performance modelling and evaluation of V2I video surveillance system. , 2015, , .		1
198	Engineering Link Utilization in Cellular Offloading Oriented VANETs. , 2015, , .		7
199	Exploring mobility metrics quantitatively for vehicular networks based on three-phase traffic theory. , 2015, , .		0
200	Fuzzy Logic based Greedy Routing (FLGR) in Multi-Hop Vehicular Ad hoc Networks. Indian Journal of Science and Technology, 2015, 8, 1-14.	0.7	5
201	Provisioning Vehicular Services and Communications Based on a Bluetooth Sensor Network Deployment. Sensors, 2015, 15, 12765-12781.	3.8	7
202	Security of Cooperative Intelligent Transport Systems: Standards, Threats Analysis and Cryptographic Countermeasures. Electronics (Switzerland), 2015, 4, 380-423.	3.1	131

#	ARTICLE	IF	CITATIONS
203	Analytical Framework for End-to-End Delay Based on Unidirectional Highway Scenario. Mathematical Problems in Engineering, 2015, 2015, 1-13.	1.1	1
204	Flexible Framework for Real-Time Embedded Systems Based on Mobile Cloud Computing Paradigm. Mobile Information Systems, 2015, 2015, 1-14.	0.6	17
205	Link Reliability Based Greedy Perimeter Stateless Routing for Vehicular Ad Hoc Networks. International Journal of Vehicular Technology, 2015, 2015, 1-16.	1.1	25
206	End-to-End Delay Analysis for IEEE 802.11 String-Topology Multi-Hop Networks. IEICE Transactions on Communications, 2015, E98.B, 1284-1293.	0.7	20
207	Multi-hop delay reduction for safety-related message broadcasting in vehicle-to-vehicle communications. IET Communications, 2015, 9, 404-411.	2.2	49
208	SIR: a secure and intelligent routing protocol for vehicular <i>ad hoc</i> network. IET Networks, 2015, 4, 185-194.	1.8	30
209	Vehicular networking: A survey on spectrum access technologies and persisting challenges. Vehicular Communications, 2015, 2, 125-149.	4.0	49
210	Heterogeneous Vehicular Networking: A Survey on Architecture, Challenges, and Solutions. IEEE Communications Surveys and Tutorials, 2015, 17, 2377-2396.	39.4	425
211	Proxy Mobile IPv6 Handover Management in Vehicular Networks: State of the Art, Taxonomy and Directions for Future Research. Wireless Personal Communications, 2015, 84, 1509-1534.	2.7	6
212	Routing in Internet of Vehicles: A Review. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2339-2352.	8.0	318
213	A new Solution based on Inter-Vehicle Communication to Reduce Traffic jam in Highway Environment. IEEE Latin America Transactions, 2015, 13, 721-726.	1.6	16
214	An intelligent transportation system for detection and control of congested roads in urban centers. , 2015, , .		28
215	An Auction-Driven Multi-Objective Provisioning Framework in a Vehicular Cloud. , 2015, , .		8
216	An RSU-Coordinated Synchronous Multi-Channel MAC Scheme for Vehicular Ad Hoc Networks. IEEE Access, 2015, 3, 2794-2802.	4.2	23
217	A Stochastic Geometry Model for Vehicular Communication near Intersections. , 2015, , .		44
218	Modeling Inter-Vehicle Communication in Multi-Lane Highways: A Stochastic Geometry Approach. , 2015, , .		17
219	An efficient cooperative transmission scheme for vehicular communications. , 2015, , .		0
220	Accurate measurement of transmission line parameters for automotive ethernet. , 2015, , .		7

#	ARTICLE	IF	CITATIONS
221	Conceptual approach of a hierarchical cloud architecture for intelligent transport systems. , 2015, , .		1
222	Memory and memoryless optimal time-window controllers for secondary users in vehicular networks. , 2015, , .		7
223	Model for Path Duration in Vehicular Ad Hoc Networks under Greedy Forwarding Strategy. Procedia Computer Science, 2015, 48, 394-400.	2.0	5
224	Power Control in D2D-Based Vehicular Communication Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5547-5562.	6.3	123
225	Relay by Smart Device: Innovative Communications for Efficient Information Sharing Among Vehicles and Pedestrians. IEEE Vehicular Technology Magazine, 2015, 10, 54-62.	3.4	57
226	Visible Light Communication for Vehicular Networking: Performance Study of a V2V System Using a Measured Headlamp Beam Pattern Model. IEEE Vehicular Technology Magazine, 2015, 10, 45-53.	3.4	138
228	How Close are We to Realizing a Pragmatic VANET Solution? A Meta-Survey. ACM Computing Surveys, 2015, 48, 1-40.	23.0	94
229	Stable infrastructure-based routing for Intelligent Transportation Systems. , 2015, , .		7
230	D2D in LTE vehicular networking: System model and upper bound performance. , 2015, , .		27
231	A Lightweight Cross-Layer Cooperative Testbed for Evaluation of Connected Vehicles. , 2015, , .		4
232	End-to-end throughput and delay analysis for IEEE 802.11 string topology multi-hop network using Markov-chain model. , 2015, , .		13
233	Vehicular clouds: State of the art, challenges and future directions. , 2015, , .		13
234	Heavy-Duty Vehicle Platooning for Sustainable Freight Transportation: A Cooperative Method to Enhance Safety and Efficiency. IEEE Control Systems, 2015, 35, 34-56.	0.8	269
235	A New Approach to Manage and Disseminate Data in Vehicular Ad hoc Networks. , 2015, , .		2
236	LDM-based dynamic network discovery and selection for IPv6 mobility management optimization in C-ITS environments. , 2015, , .		8
237	Speed-dependent autonomous beamwidth variation for VANET safety applications. , 2015, , .		1
238	Scorpion: A Solution Using Cooperative Rerouting to Prevent Congestion and Improve Traffic Condition. , 2015, , .		26
239	Cooperative Intersection Collision Avoidance in a Constrained Communication Environment. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
240	Cluster-based transmit power control in heterogeneous vehicular networks. , 2015, , .		7
241	CAN gateway for fast vehicle to vehicle (V2V) communication. , 2015, , .		3
242	Issues and possibilities in Vehicular Ad-hoc Networks (VANETs). , 2015, , .		7
243	Tentpoles Scheme: A Data-Aided Channel Estimation Mechanism for Achieving Reliable Vehicle-to-Vehicle Communications. IEEE Transactions on Wireless Communications, 2015, 14, 2487-2499.	9.2	11
244	VANET Modeling and Clustering Design Under Practical Traffic, Channel and Mobility Conditions. IEEE Transactions on Communications, 2015, 63, 870-881.	7.8	82
245	Temporal Analysis of a 3D Ellipsoid Channel Model for the Vehicle-to-Vehicle Communication Environments. Wireless Personal Communications, 2015, 82, 1337-1350.	2.7	18
246	A cluster-based vehicular cloud architecture with learning-based resource management. Journal of Supercomputing, 2015, 71, 1401-1426.	3.6	112
247	Reducing Multi-hop Wireless Delay for High-Priority Applications in Vehicular Wireless Networks. Wireless Personal Communications, 2015, 81, 685-710.	2.7	3
248	MMCD: Cooperative Downloading for Highway VANETs. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 34-43.	4.6	60
249	Energy-Efficient Broadcast in Mobile Networks Subject to Channel Randomness. IEEE Transactions on Wireless Communications, 2015, 14, 2929-2941.	9.2	8
250	Improving dynamic and distributed congestion control in vehicular ad hoc networks. Ad Hoc Networks, 2015, 33, 112-125.	5.5	31
251	From today's VANETs to tomorrow's planning and the bets for the day after. Vehicular Communications, 2015, 2, 158-171.	4.0	72
252	A novel context-aware variable interval MAC protocol to enhance event-driven message delivery in IEEE 802.11p/WAVE vehicular networks. Vehicular Communications, 2015, 2, 172-183.	4.0	17
253	A Real-Time MAC Protocol for In-Vehicle Power Line Communications Based on HomePlug GP. , 2015, , .		9
254	Modeling and Analysis of Link Duration in Vehicular Ad Hoc Networks Under Different Fading Channel Conditions. International Journal of Wireless Information Networks, 2015, 22, 157-170.	2.7	2
255	Providing Vehicular Infotainment Service Using VHF/UHF TV Bands via Spatial Spectrum Reuse. IEEE Transactions on Broadcasting, 2015, 61, 279-289.	3.2	16
256	Longitudinal collision mitigation via coordinated braking of multiple vehicles using model predictive control. Integrated Computer-Aided Engineering, 2015, 22, 171-185.	4.6	80
257	Future research directions in design of reliable communication systems. Telecommunication Systems, 2015, 60, 423-450.	2.5	24

#	ARTICLE	IF	CITATIONS
258	Guaranteed Geocast Routing Protocol for Vehicular Adhoc Networks in Highway Traffic Environment. Wireless Personal Communications, 2015, 83, 2657-2682.	2.7	31
259	A fuzzy logic based clustering strategy for improving vehicular ad-hoc network performance. Sadhana - Academy Proceedings in Engineering Sciences, 2015, 40, 351-367.	1.3	22
260	Client-Based Control of the Interdependence Between LTE MTC and Human Data Traffic in Vehicular Environments. IEEE Transactions on Vehicular Technology, 2015, 64, 1856-1871.	6.3	25
261	The Driving Safety Field Based on Driverâ€™Vehicleâ€™Road Interactions. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2203-2214.	8.0	210
262	Information dissemination in vehicular networks. , 2015, , 75-93.		3
263	Vehicle-to-infrastructure communications. , 2015, , 3-28.		6
264	Toward Social Internet of Vehicles: Concept, Architecture, and Applications. IEEE Access, 2015, 3, 343-357.	4.2	313
265	A Road Selection Based Routing Protocol for Vehicular Ad Hoc Network. Wireless Personal Communications, 2015, 83, 2463-2483.	2.7	17
266	Minimizing traffic jams in urban Centers using vehicular ad hoc networks. , 2015, , .		11
267	GNSS Multipath-Resistant Cooperative Navigation in Urban Vehicular Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5450-5463.	6.3	39
268	Investigating the challenges of Dynamic Spectrum Access in Cognitive Radio-enabled Vehicular Ad Hoc Networks (CR-VANETs). , 2015, , .		3
269	Geometry-Based Statistical Modeling of Non-Stationary MIMO Vehicle-to-Vehicle Channels. , 2015, , .		3
270	Performance Evaluation of OLSR and AODV in VANET Cloud Computing Using Fading Model with SUMO and NS3. , 2015, , .		12
271	Cognitive vehicular communication for 5G. IEEE Communications Magazine, 2015, 53, 109-117.	6.1	99
272	A Stable Routing Protocol for Highway Mobility over Vehicular Ad-Hoc Networks. , 2015, , .		8
273	Hard and soft optimal resource allocation for primary and secondary users in infrastructure Vehicular Networks. , 2015, , .		5
274	Software defined networking-based vehicular Adhoc Network with Fog Computing. , 2015, , .		292
275	Simulation Tools and Techniques for Vehicular Communications and Applications. , 2015, , 365-392.		25



#	ARTICLE	IF	CITATIONS
276	A comprehensive experimental analysis of standard TCP variants in vehicular environment. , 2015, , .		2
277	Recent advances in cryptographic solutions for vehicular networks. , 2015, , .		13
278	Joint optimization of communication and controller components of wireless networked control systems. , 2015, , .		4
279	Design and verification for transportation system security. , 2015, , .		18
280	A Survey on Vehicular Social Networks. IEEE Communications Surveys and Tutorials, 2015, 17, 2397-2419.	39.4	217
281	Vehicle-to-vehicle communication in C-ACC/platooning scenarios. , 2015, 53, 192-197.		88
282	Differential distributed space-time coding for vehicle-to-vehicle networks. , 2015, , .		2
283	An OFDMA-Based MAC Protocol for Next-Generation VANETs. IEEE Transactions on Vehicular Technology, 2015, 64, 4088-4100.	6.3	38
284	A Data Management Perspective on Vehicular Networks. IEEE Communications Surveys and Tutorials, 2015, 17, 2420-2460.	39.4	54
285	Analysis of Message Delivery Delay in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 4770-4779.	6.3	17
286	Does ETSI beaconing frequency control provide cooperative awareness?. , 2015, , .		17
287	A fast, reliable and lightweight distributed dissemination protocol for safety messages in Urban Vehicular Networks. Ad Hoc Networks, 2015, 27, 26-43.	5.5	34
288	VIKE: vehicular IKE for context-awareness. Wireless Networks, 2015, 21, 1343-1362.	3.0	4
289	VANET IR-CAS for Commercial SA: Information Retrieval Context Aware System for VANET Commercial Service Announcement. International Journal of Intelligent Transportation Systems Research, 2015, 13, 37-49.	1.1	4
290	Complexity analysis and algorithms for the Program Download Problem. Journal of Combinatorial Optimization, 2015, 29, 216-227.	1.3	2
291	Distributed and adaptive resource management in Cloud-assisted Cognitive Radio Vehicular Networks with hard reliability guarantees. Vehicular Communications, 2015, 2, 1-12.	4.0	87
292	Reliable Adaptive Resource Management for Cognitive Cloud Vehicular Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 2528-2537.	6.3	53
293	Fault-aware flow control and multi-path routing in VANETs. Peer-to-Peer Networking and Applications, 2015, 8, 1090-1107.	3.9	6

#	ARTICLE	IF	CITATIONS
294	GeoCover: An efficient sparse coverage protocol for RSU deployment over urban VANETs. Ad Hoc Networks, 2015, 24, 85-102.	5.5	38
295	Intra-Vehicle Networks: A Review. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 534-545.	8.0	239
296	Pseudonym Schemes in Vehicular Networks: A Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 228-255.	39.4	327
297	Mobility information estimation algorithm using Kalman-filter for vehicular ad hoc networks. International Journal of Information and Computer Security, 2016, 8, 221.	0.2	6
298	IoT Privacy and Security Challenges for Smart Home Environments. Information (Switzerland), 2016, 7, 44.	2.9	262
299	The Traffic Adaptive Data Dissemination (TrAD) Protocol for both Urban and Highway Scenarios. Sensors, 2016, 16, 920.	3.8	12
300	A Tightly-Coupled GPS/INS/UWB Cooperative Positioning Sensors System Supported by V2I Communication. Sensors, 2016, 16, 944.	3.8	71
301	Cooperative Distributed STBC Transmission Scheme for Multi-Hop V2V Communications. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 252-262.	0.3	6
302	From vehicular networks to vehicular clouds in smart cities. , 2016, , 149-171.		14
303	Exponent-Based Partitioning Broadcast Protocol for Emergency Message Dissemination in Vehicular Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 2075-2083.	0.3	5
304	Toward mobile Internet-based layered vehicular networks with efficient access management. International Journal of Communication Systems, 2016, 29, 2112-2133.	2.5	4
305	Network anomaly detection for railway critical infrastructure based on autoregressive fractional integrated moving average. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	5
306	A SVM based routing scheme in VANETs. , 2016, , .		29
307	CONVINCE. , 2016, , .		17
308	Automotive radar and communications sharing of the 79-GHz band. , 2016, , .		7
309	Modeling Urban ITS Communication via Stochastic Geometry Approach. , 2016, , .		6
310	Quality of Service of Video Streaming in Vehicular Adhoc Networks: Performance Analysis. , 2016, , .		4
311	SPARTAN: A Solution to Prevent Traffic Jam with Real-Time Alert and Re-Routing for Smart City. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
312	Performance analyses of successive interference cancellation in vehicular network. , 2016, , .		3
313	Software defined security for vehicular ad hoc networks. , 2016, , .		18
314	Reliable Distance-Vector Routing for Static-node-assisted Vehicular Networks. , 2016, , .		1
315	An efficient approach for load balancing in vehicular ad-hoc networks. , 2016, , .		12
316	A Fully-distributed Traffic Management System to Improve the Overall Traffic Efficiency. , 2016, , .		25
317	Latency Analysis in Real LTE Networks for Vehicular Applications. , 2016, , .		5
318	Poster: Using clusters of parked cars as virtual vehicular network infrastructure. , 2016, , .		5
319	A secure commercial ads dissemination scheme for vehicular networks. , 2016, , .		1
320	Receiver-based data forwarding in vehicular ad hoc networks. , 2016, , .		3
321	Architecture of Heterogeneous Vehicular Networks. Springer Briefs in Electrical and Computer Engineering, 2016, , 9-24.	0.5	4
322	A Survey and Taxonomy on Medium Access Control Strategies for Cooperative Communication in Wireless Networks: Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2016, 18, 2493-2521.	39.4	38
323	Design and Experimental Evaluation of a Database-Assisted V2V Communications System Over TV White Space. Journal of Signal Processing Systems, 2016, 83, 45-55.	2.1	3
324	HPDM: A Hybrid Pseudonym Distribution Method for Vehicular Ad-hoc Networks. Procedia Computer Science, 2016, 83, 377-384.	2.0	9
325	Hierarchy-based monitoring of Vehicular Delay-Tolerant Networks. , 2016, , .		4
326	Cyberâ€Physical Control of Road Freight Transport. Proceedings of the IEEE, 2016, 104, 1128-1141.	21.3	71
327	E-NC: PSO based enforced network coding in vehicular networks. , 2016, , .		0
328	Frequency-Domain In-Vehicle UWB Channel Modeling. IEEE Transactions on Vehicular Technology, 2016, 65, 3929-3940.	6.3	36
329	Fair Congestion Control in Vehicular Networks With Beaconing Rate Adaptation at Multiple Transmit Powers. IEEE Transactions on Vehicular Technology, 2016, 65, 3888-3903.	6.3	21

#	ARTICLE	IF	CITATIONS
330	A Multi-Scale Spatiotemporal Perspective of Connected and Automated Vehicles: Applications and Wireless Networking. IEEE Intelligent Transportation Systems Magazine, 2016, 8, 65-73.	3.8	17
331	Networked control challenges in collaborative road freight transport. European Journal of Control, 2016, 30, 2-14.	2.6	24
332	Performance Analysis of IEEE 802.11p in the Presence of Hidden Terminals. Wireless Personal Communications, 2016, 89, 61-78.	2.7	9
333	Centralized and Localized Data Congestion Control Strategy for Vehicular Ad Hoc Networks Using a Machine Learning Clustering Algorithm. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 3275-3285.	8.0	147
334	Piggybacking assisted many-to-Many communication with efficient vehicle selection for improved performance in vehicular ad hoc networks. Computer Networks, 2016, 108, 223-232.	5.1	1
335	Computational Security for Context-Awareness in Vehicular Ad-Hoc Networks. IEEE Access, 2016, 4, 5268-5279.	4.2	11
336	The Quantum Car. IEEE Wireless Communications Letters, 2016, 5, 624-627.	5.0	18
337	Communication analysis of real vehicular calibrated traces. , 2016, , .		6
338	ICARUS: Improvement of traffic Condition through an Alerting and Re-routing System. Computer Networks, 2016, 110, 118-132.	5.1	39
339	Design of hexagon microstrip antenna for vehicle-to-vehicle communication. Journal of China Universities of Posts and Telecommunications, 2016, 23, 69-76.	0.8	16
340	5-GHz V2V Channel Characteristics for Parking Garages. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	18
341	Joint link state and forwarding quality: A novel geographic opportunistic routing in VANETs. , 2016, , .		5
342	Preview Controller Design for Vehicle Stability With V2V Communication. IEEE Transactions on Intelligent Transportation Systems, 2016, , 1-10.	8.0	5
343	MoM - a real time monitoring and management tool to improve the performance of Vehicular Delay Tolerant Networks. , 2016, , .		1
344	Real-time path planning to prevent traffic jam through an intelligent transportation system. , 2016, , .		68
345	The impact of malicious nodes positioning on vehicular alert messaging system. Ad Hoc Networks, 2016, 52, 3-16.	5.5	18
346	Emergency application for Vehicle-to-Vehicle Communication using Named Data Networking (eVNDN). , 2016, , .		3
347	Cloud-Based Pedestrian Road-Safety with Situation-Adaptive Energy-Efficient Communication. IEEE Intelligent Transportation Systems Magazine, 2016, 8, 45-62.	3.8	40

#	ARTICLE	IF	CITATIONS
348	SNVC: Social networks for vehicular certification. Computer Networks, 2016, 111, 129-140.	5.1	9
349	Vehicular Ad Hoc Networks (VANET): Architectures, methodologies and design issues. , 2016, , .		20
350	Implementation of a Cost-effective V2X hardware and software platform. , 2016, , .		5
351	Novel cross layer detection schemes to detect blackhole attack against QoS-OLSR protocol in VANET. Vehicular Communications, 2016, 5, 9-17.	4.0	39
352	VeShare: a D2D infrastructure for real-time social-enabled vehicle networks. IEEE Wireless Communications, 2016, 23, 96-102.	9.0	23
353	Overhearing-aware modified Dijkstra's algorithm for multicasting over multi-hop wireless networks. International Journal of Communication Networks and Distributed Systems, 2016, 16, 240.	0.4	1
354	Millimeter Wave Vehicular Communications: A Survey. Foundations and Trends in Networking, 2016, 10, 1-113.	10.2	154
355	A GRASP-based heuristic for allocating the roadside infrastructure maximizing the number of distinct vehicles experiencing contact opportunities. , 2016, , .		4
356	Prioritizing and scheduling messages for congestion control in vehicular ad hoc networks. Computer Networks, 2016, 108, 15-28.	5.1	35
357	Intelligent transportation as the key enabler of smart cities. , 2016, , .		12
358	Vehicular Network Based Reliable Traffic Density Estimation. , 2016, , .		6
359	Integration of communication standards in Electrical Vehicle Ad-Hoc Networks for smartgrid support. , 2016, , .		6
360	Theoretical Interference Analysis of Inter-vehicular Communication at Intersection with Power Control. , 2016, , .		2
361	Misbehaviour detection in vehicular networks using logistic trust. , 2016, , .		23
362	Delta-r: A novel and more economic strategy for allocating the roadside infrastructure in vehicular networks with guaranteed levels of performance. , 2016, , .		13
363	On-demand Misbehavior Detection for Vehicular Ad Hoc Network. International Journal of Distributed Sensor Networks, 2016, 12, 155014771667392.	2.2	3
364	Comprehensive survey on clustering-based efficient data dissemination algorithms for VANET. , 2016, , .		14
365	Secure VANET from vampire attack using LEACH protocol. , 2016, , .		5

#	ARTICLE	IF	CITATIONS
366	Performance analysis of Wi-Fi Direct for vehicular ad-hoc networks. , 2016, , .		6
367	Improving Spatial Indexing and Searching for Location-Based DNS Queries. Lecture Notes in Computer Science, 2016, , 187-198.	1.3	3
368	On minimizing the system information age in vehicular ad-hoc networks via efficient scheduling and piggybacking. Wireless Networks, 2016, 22, 1625-1639.	3.0	5
369	A Survey of Emerging M2M Systems: Context, Task, and Objective. IEEE Internet of Things Journal, 2016, 3, 1246-1258.	8.7	53
370	TrAD: Traffic Adaptive Data Dissemination Protocol for Both Urban and Highway VANETs. , 2016, , .		12
371	An efficient message access quality model in vehicular communication networks. Signal Processing, 2016, 120, 682-690.	3.7	18
372	Data Dissemination With Network Coding in Two-Way Vehicle-to-Vehicle Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2445-2456.	6.3	29
373	Opportunistic fleets for road event detection in vehicular sensor networks. Wireless Networks, 2016, 22, 503-521.	3.0	9
374	A Survey on Platoon-Based Vehicular Cyber-Physical Systems. IEEE Communications Surveys and Tutorials, 2016, 18, 263-284.	39.4	570
375	Understanding Spurious Message Forwarding in VANET Beaconless Dissemination Protocols: An Analytical Approach. IEEE Transactions on Vehicular Technology, 2016, 65, 2243-2258.	6.3	41
376	Cognitive radio based connectivity management for resilient end-to-end communications in VANETs. Computer Communications, 2016, 79, 1-8.	5.1	12
377	Resource Allocation for Vehicle-to-Infrastructure Communication Using Directional Transmission. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 1183-1188.	8.0	27
378	On Residual Path Lifetime in Mobile Networks. IEEE Communications Letters, 2016, 20, 582-585.	4.1	7
379	Network coding with crowdsourcing-based trajectory estimation for vehicular networks. Journal of Network and Computer Applications, 2016, 64, 204-215.	9.1	4
380	Genetic tuning of fuzzy rule-based systems for multi-hop broadcast protocols for VANETs. Telecommunication Systems, 2016, 63, 399-420.	2.5	5
381	On Trajectory-Based I2V Group Message Delivery Over Vehicular Ad-Hoc Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7389-7402.	6.3	9
382	A survey on context-aware vehicular network applications. Vehicular Communications, 2016, 3, 43-57.	4.0	86
383	5-GHz Vehicle-to-Vehicle Channel Characterization for Example Overpass Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 5862-5873.	6.3	27

#	ARTICLE	IF	CITATIONS
384	Improved Multi-hop Routing in Integrated VANET-LTE Hybrid Vehicular Networks. , 2016, , .		5
385	Distributed and Fair Beaconing Rate Adaptation for Congestion Control in Vehicular Networks. IEEE Transactions on Mobile Computing, 2016, 15, 3028-3041.	5.8	56
386	Data communication in VANETs: Protocols, applications and challenges. Ad Hoc Networks, 2016, 44, 90-103.	5.5	371
387	A graph coloring based dynamic channel assignment algorithm for cognitive radio vehicular Ad Hoc networks. , 2016, , .		8
388	Advances in vehicular ad-hoc networks (VANETs): Challenges and road-map for future development. International Journal of Automation and Computing, 2016, 13, 1-18.	4.5	119
389	VehiHealth: An Emergency Routing Protocol for Vehicular Ad Hoc Network to Support Healthcare System. Journal of Medical Systems, 2016, 40, 65.	3.6	16
390	Engineering Social Justice into Traffic Control for Self-Driving Vehicles?. Science and Engineering Ethics, 2016, 22, 1131-1149.	2.9	38
391	RVCloud: a routing protocol for vehicular ad hoc network in city environment using cloud computing. Wireless Networks, 2016, 22, 1329-1341.	3.0	14
392	Situation awareness within the context of connected cars: A comprehensive review and recent trends. Information Fusion, 2016, 29, 68-83.	19.1	79
394	Self soft fault detection based routing protocol for vehicular ad hoc network in city environment. Wireless Networks, 2016, 22, 285-305.	3.0	14
395	Bandwidth Enhancement of a Monopolar Patch Antenna With V-Shaped Slot for Car-to-Car and WLAN Communications. IEEE Transactions on Vehicular Technology, 2016, 65, 1130-1136.	6.3	129
396	A survey on position-based routing for vehicular ad hoc networks. Telecommunication Systems, 2016, 62, 15-30.	2.5	204
397	A Hybrid Routing Protocol for 3-D Vehicular Ad Hoc Networks. IEEE Systems Journal, 2017, 11, 1239-1248.	4.6	18
398	Optimal RSUs placement with delay bounded message dissemination in vehicular networks. Journal of Combinatorial Optimization, 2017, 33, 1276-1299.	1.3	9
399	TAPCS: Traffic-aware pseudonym changing strategy for VANETs. Peer-to-Peer Networking and Applications, 2017, 10, 1008-1020.	3.9	33
400	Improving Delay and Energy Efficiency of Vehicular Networks Using Mobile Femto Access Points. IEEE Transactions on Vehicular Technology, 2017, 66, 1496-1505.	6.3	63
401	Analytical Model and Performance Evaluation of Long-Term Evolution for Vehicle Safety Services. IEEE Transactions on Vehicular Technology, 2017, 66, 1926-1939.	6.3	52
402	SA-EAST. Transactions on Embedded Computing Systems, 2017, 16, 1-22.	2.9	72

#	ARTICLE	IF	CITATIONS
403	VANet security challenges and solutions: A survey. Vehicular Communications, 2017, 7, 7-20.	4.0	429
404	VPKI Hits the Highway: Secure Communication for the Connected Vehicle Program. IT Professional, 2017, 19, 59-63.	1.5	11
405	Vehicular Energy Network. IEEE Transactions on Transportation Electrification, 2017, 3, 392-404.	7.8	38
406	A survey and comparative study of QoS aware broadcasting techniques in VANET. Telecommunication Systems, 2017, 66, 253-281.	2.5	46
407	Link residual lifetime-based next hop selection scheme for vehicular ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	2.4	21
408	A survey on authentication schemes in VANETs for secured communication. Vehicular Communications, 2017, 9, 19-30.	4.0	222
409	Signal Processing Challenges in Cellular-Assisted Vehicular Communications: Efforts and developments within 3GPP LTE and beyond. IEEE Signal Processing Magazine, 2017, 34, 47-59.	5.6	47
410	Study on Self-Tuning Tyre Friction Control for Developing Main-Servo Loop Integrated Chassis Control System. IEEE Access, 2017, 5, 6649-6660.	4.2	200
411	Traffic-aware routing protocol with cooperative coverage-oriented information collection method for VANET. IET Communications, 2017, 11, 444-450.	2.2	25
412	Simplified node decomposition and platoon head selection: a novel algorithm for node decomposition in vehicular ad hoc networks. Artificial Life and Robotics, 2017, 22, 44-50.	1.2	3
413	Velocity Awareness in Vehicular Networks via Sparse Recovery. IEEE Transactions on Vehicular Technology, 2017, 66, 9421-9435.	6.3	4
415	A fixed assignment based window access scheme for enhancing QoS of vehicular adhoc networks. , 2017, , .		1
416	No one can track you: Randomized authentication in Vehicular Ad-hoc Networks. , 2017, , .		19
417	Resource Allocation for D2D-Enabled Vehicular Communications. IEEE Transactions on Communications, 2017, 65, 3186-3197.	7.8	278
418	Weighted Voting Game Based Relay Node Managemnet in VANETs. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 90-100.	0.3	0
419	Reliable data dissemination protocol for VANET traffic safety applications. Ad Hoc Networks, 2017, 63, 30-44.	5.5	119
420	How Can Edge Computing Benefit From Software-Defined Networking: A Survey, Use Cases, and Future Directions. IEEE Communications Surveys and Tutorials, 2017, 19, 2359-2391.	39.4	353
421	Performance evaluation of wide-spread assignment schemes in a vehicular cloud. Vehicular Communications, 2017, 9, 144-153.	4.0	13



#	ARTICLE	IF	CITATIONS
422	OGCMAC: A Novel OFDM Based Group Contention MAC for VANET Control Channel. IEEE Transactions on Wireless Communications, 2017, 16, 5796-5809.	9.2	6
423	Distributed Cooperative Reinforcement Learning-Based Traffic Signal Control That Integrates V2X Networksâ€™ Dynamic Clustering. IEEE Transactions on Vehicular Technology, 2017, 66, 8667-8681.	6.3	90
424	Towards Safer Roads through Cooperative Hazard Awareness and Avoidance in Connected Vehicles. , 2017, , .		8
425	A Non-WSSUS Mobile-to-Mobile Channel Model Assuming Velocity Variations of the Mobile Stations. , 2017, , .		14
426	Service-Oriented Dynamic Connection Management for Software-Defined Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2826-2837.	8.0	65
427	Intelligent UAV-assisted routing protocol for urban VANETs. Computer Communications, 2017, 107, 93-111.	5.1	139
428	A Receiver-Based Forwarding Scheme to Minimize Multipath Formation in VANET. Advances in Intelligent Systems and Computing, 2017, , 15-26.	0.6	2
429	Routing in Vehicular Ad-hoc Networks: A Survey on Single- and Cross-Layer Design Techniques, and Perspectives. IEEE Access, 2017, 5, 9497-9517.	4.2	99
430	Fast Distributed Agreements and safety-critical scenarios in VANETs. , 2017, , .		3
431	Joint Optimization of Wireless Network Energy Consumption and Control System Performance in Wireless Networked Control Systems. IEEE Transactions on Wireless Communications, 2017, 16, 2235-2248.	9.2	28
432	Vehicular cloud networks: Challenges, architectures, and future directions. Vehicular Communications, 2017, 9, 268-280.	4.0	108
433	Content sharing in Internet of Vehicles: Two matching-based user-association approaches. Vehicular Communications, 2017, 8, 35-44.	4.0	22
434	Resource Allocation Algorithms Supporting Coexistence of Cognitive Vehicular and IEEE 802.22 Networks. IEEE Transactions on Wireless Communications, 2017, 16, 1066-1079.	9.2	28
435	Minimizing GPS Dependency for a Vehicleâ€™s Trajectory Identification by Using Data from Smartphone Inertial Sensors and Onboard Diagnostics Device. Transportation Research Record, 2017, 2644, 55-63.	1.9	2
436	Efficient framework for secure VANET membership management. International Journal of Vehicle Information and Communication Systems, 2017, 3, 173.	0.1	0
437	Modeling the information flow propagation wave under vehicle-to-vehicle communications. Transportation Research Part C: Emerging Technologies, 2017, 85, 377-395.	7.6	17
438	Real-Time Associative Memoryâ€“Based Rear-End Collision Warning System. Transportation Research Record, 2017, 2621, 1-9.	1.9	7
439	A Review of Wireless Power Transfer Electric Vehicles in Vehicle-to-Grid Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 98-107.	0.3	2

#	ARTICLE	IF	CITATIONS
440	A Cyber Physical Buses-and-Drones Mobile Edge Infrastructure for Large Scale Disaster Emergency Communications. , 2017, , .		13
441	Trusted Third Party for service management in vehicular clouds. , 2017, , .		5
442	Non-Orthogonal Multiple Access for High-Reliable and Low-Latency V2X Communications in 5G Systems. IEEE Journal on Selected Areas in Communications, 2017, 35, 2383-2397.	14.0	127
443	Roadside Unit Caching: Auction-Based Storage Allocation for Multiple Content Providers. IEEE Transactions on Wireless Communications, 2017, 16, 6321-6334.	9.2	53
444	Analytical model for information flow propagation wave under an information relay control strategy in a congested vehicle-to-vehicle communication environment. Transportation Research Procedia, 2017, 23, 738-757.	1.5	5
445	Modeling of the dynamic flow propagation of multiple units of information under vehicle-to-vehicle communications based advanced traveler information systems. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2017, 21, 310-323.	4.2	5
446	Modeling and Design of Millimeter-Wave Networks for Highway Vehicular Communication. IEEE Transactions on Vehicular Technology, 2017, 66, 10676-10691.	6.3	113
447	Traffic management systems: A classification, review, challenges, and future perspectives. International Journal of Distributed Sensor Networks, 2017, 13, 155014771668361.	2.2	102
448	Quantum Entanglement Distribution Innext-Generation Wireless Communication Systems. , 2017, , .		8
449	Security and privacy in vehicular communications: Challenges and opportunities. Vehicular Communications, 2017, 10, 13-28.	4.0	53
450	Using MIMO and cross layer design for VANETs: A review. , 2017, , .		4
451	Broadband communication solutions for maritime ITSs: Wider and faster deployment of new e-navigation services. , 2017, , .		9
452	An architecture proposal for V2X communication-centric traffic light controller systems. , 2017, , .		24
453	V2X communication protocol in VANET for co-operative intelligent transportation system. , 2017, , .		26
454	5G Software Defined Vehicular Networks. , 2017, 55, 87-93.		166
455	Architecture and key technologies for Internet of Vehicles: a survey. Journal of Communications and Information Networks, 2017, 2, 1-17.	5.2	93
456	A cost-effective SCTP extension for hybrid vehicular networks. Journal of Communications and Information Networks, 2017, 2, 18-29.	5.2	3
457	QoS-aware interference management for vehicular D2D relay networks. Journal of Communications and Information Networks, 2017, 2, 75-90.	5.2	12

#	ARTICLE	IF	CITATIONS
458	Meeting different QoS requirements of vehicular networks: A D2D-based approach. , 2017, , .		6
459	Vehicular Clouds: Ubiquitous Computing on Wheels. Emergence, Complexity and Computation, 2017, , 435-452.	0.3	8
461	Vehicle-to-infrastructure communication over multi-tier heterogeneous networks: A survey. Computer Networks, 2017, 112, 144-166.	5.1	71
462	Throughput-Efficient Channel Allocation Algorithms in Multi-Channel Cognitive Vehicular Networks. IEEE Transactions on Wireless Communications, 2017, 16, 757-770.	9.2	28
463	Physical Layer Security for Next Generation Wireless Networks: Theories, Technologies, and Challenges. IEEE Communications Surveys and Tutorials, 2017, 19, 347-376.	39.4	489
464	Communications Protocol Design for 5G Vehicular Networks. , 2017, , 625-649.		11
465	APDM: An adaptive multi-priority distributed multichannel MAC protocol for vehicular ad hoc networks in unsaturated conditions. Computer Communications, 2017, 104, 119-133.	5.1	23
466	A Comparative Survey of VANET Clustering Techniques. IEEE Communications Surveys and Tutorials, 2017, 19, 657-681.	39.4	361
467	Vehicles of the Future: A Survey of Research on Safety Issues. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 1046-1065.	8.0	104
468	Multicast Beamforming Capabilities of LTE MBSFN for V2X Communications. , 2017, , .		4
469	Stacked LSTM Deep Learning Model for Traffic Prediction in Vehicle-to-Vehicle Communication. , 2017, , .		47
470	Bit error rate performance analysis of vehicular communication systems considering velocity variations of the mobile stations. , 2017, , .		6
471	An EPEC Analysis for Power Allocation in LTE-V Networks. , 2017, , .		3
472	Vehicular Communications: A Physical Layer Perspective. IEEE Transactions on Vehicular Technology, 2017, 66, 10647-10659.	6.3	188
473	Intelligent travel and parking guidance system based on Internet of vehicle. , 2017, , .		4
474	The problem of privacy in cooperative intelligent transportation systems (C-ITS). , 2017, , .		4
475	A Leader-path-following formation system for AGVs with multi-sensor data fusion based vehicle tracking. IOP Conference Series: Materials Science and Engineering, 2017, 235, 012006.	0.6	3
476	An Overview of 3GPP Cellular Vehicle-to-Everything Standards. GetMobile (New York, N Y), 2017, 21, 19-25.	1.0	115

#	ARTICLE	IF	CITATIONS
477	Real time car parking system: A novel taxonomy for integrated vehicular computing. , 2017, , .		11
478	A game theory approach for congestion control in vehicular ad hoc networks. , 2017, , .		7
479	Social-Aware Bootstrapping and Trust Establishing Mechanism for Vehicular Social Networks. , 2017, , .		17
480	Radio Resource Management for V2V Discovery. , 2017, , .		7
481	A study of the impact of merging schemes on cluster stability in VANETs. , 2017, , .		3
482	Threat on incentive based earning in VANET. , 2017, , .		0
483	Providing consistent rates for backhauling of mobile base stations in public urban transportation. , 2017, , .		7
484	Optimal transmission range for V2I communications on congested highways. , 2017, , .		5
485	Multi-hop links quality analysis of 5G enabled vehicular networks. , 2017, , .		13
486	An index coded approach for reducing number of broadcasts in vehicular networks. , 2017, , .		1
487	Reflection-optimized star topologies for automotive bus systems. , 2017, , .		4
488	VANET scalable fuzzy logic based adaptive beaconing. , 2017, , .		5
489	A review of data management and protocols for vehicular networks. International Journal of Web and Grid Services, 2017, 13, 186.	0.5	3
490	Vehicular Communication Network Environments. International Journal of Vehicular Telematics and Infotainment Systems, 2017, 1, 24-45.	0.3	0
491	Improved performance automotive communications infrastructure using Markov chains and queuing models. , 2017, , .		0
492	Survey on Ranging Sensors and Cooperative Techniques for Relative Positioning of Vehicles. Sensors, 2017, 17, 271.	3.8	172
493	An Efficient and QoS Supported Multichannel MAC Protocol for Vehicular Ad Hoc Networks. Sensors, 2017, 17, 2293.	3.8	15
494	Performance Analysis of the IEEE 802.11p Multichannel MAC Protocol in Vehicular Ad Hoc Networks. Sensors, 2017, 17, 2890.	3.8	34

#	ARTICLE	IF	CITATIONS
495	Advanced Emergency Braking Control Based on a Nonlinear Model Predictive Algorithm for Intelligent Vehicles. Applied Sciences (Switzerland), 2017, 7, 504.	2.5	36
496	Fog over Virtualized IoT: New Opportunity for Context-Aware Networked Applications and a Case Study. Applied Sciences (Switzerland), 2017, 7, 1325.	2.5	25
497	Downlink data transmission between WiMAX-DSRC communication systems. , 2017, , .		0
498	An Efficient Channel Access Scheme for Vehicular Ad Hoc Networks. Mobile Information Systems, 2017, 2017, 1-10.	0.6	22
499	Trust on the Ratee: A Trust Management System for Social Internet of Vehicles. Wireless Communications and Mobile Computing, 2017, 2017, 1-11.	1.2	20
500	Modeling of Non-WSSUS Double-Rayleigh Fading Channels for Vehicular Communications. Wireless Communications and Mobile Computing, 2017, 2017, 1-15.	1.2	12
501	Performance analysis for an enhanced architecture of IoV via Content-Centric Networking. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	2.4	16
502	Modeling CCH Switch to SCH in IEEE 802.11p/WAVE Vehicular Networks. , 2017, , .		0
503	Load Balancing for Minimizing Deadline Misses and Total Runtime for Connected Car Systems in Fog Computing. , 2017, , .		25
504	Applying Fog Computing to Improve Crime Assistance in Smart Transportation Safety Systems. , 2017, , .		3
505	A Unified Framework of Clustering Approach in Vehicular Ad Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1401-1414.	8.0	74
506	The Impact of Interference From the Side Lanes on mmWave/THz Band V2V Communication Systems With Directional Antennas. IEEE Transactions on Vehicular Technology, 2018, 67, 5028-5041.	6.3	60
507	Efficient and dynamic elliptic curve quâ€vanstone implicit certificates distribution scheme for vehicular cloud networks. Security and Privacy, 2018, 1, e11.	2.7	8
508	A novel self-adaptive content delivery protocol for vehicular networks. Ad Hoc Networks, 2018, 73, 1-13.	5.5	10
509	V2X Access Technologies: Regulation, Research, and Remaining Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 1858-1877.	39.4	289
510	Providing Reliable Communications over Static-node-assisted Vehicular Networks Using Distance-vector Routing. Mobile Networks and Applications, 2018, 23, 1376-1393.	3.3	3
511	Cooperative Vehicular Networking: A Survey. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 996-1014.	8.0	193
512	A Comparison of Stateless Position-based Packet Routing Algorithms for FANETs. IEEE Transactions on Mobile Computing, 2018, 17, 2468-2482.	5.8	90

#	ARTICLE	IF	CITATIONS
513	Performance Analysis of CBRP, AODV and DSR Routing Protocols in VANETs Based on IDM-IM. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 33-40.	0.3	1
514	DEBTS: Delay Energy Balanced Task Scheduling in Homogeneous Fog Networks. IEEE Internet of Things Journal, 2018, 5, 2094-2106.	8.7	130
515	Big Data Analytics Architecture for Internet-of-Vehicles Based on the Spark. , 2018, , .		14
516	A Survey on Acquisition, Tracking, and Pointing Mechanisms for Mobile Free-Space Optical Communications. IEEE Communications Surveys and Tutorials, 2018, 20, 1104-1123.	39.4	209
517	Not All VANET Broadcasts Are the Same: Context-Aware Class Based Broadcast. IEEE/ACM Transactions on Networking, 2018, 26, 17-30.	3.8	31
518	Vehicular Sensing Networks in a Smart City: Principles, Technologies and Applications. IEEE Wireless Communications, 2018, 25, 122-132.	9.0	143
519	Dual-Band Full-Duplex Tx/Rx Antennas for Vehicular Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 4059-4070.	6.3	59
520	Design and Verification of a Virtual Drive Test Methodology for Vehicular LTE-A Applications. IEEE Transactions on Vehicular Technology, 2018, 67, 3791-3799.	6.3	17
521	Secure Enforcement in Cognitive Internet of Vehicles. IEEE Internet of Things Journal, 2018, 5, 1242-1250.	8.7	59
522	Wireless Network Design for Control Systems: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 978-1013.	39.4	303
523	Survey on existing authentication issues for cellular-assisted V2X communication. Vehicular Communications, 2018, 12, 50-65.	4.0	117
524	Analysis of Average Packet Loss Rate in Multi-Hop Broadcast for VANETs. IEEE Communications Letters, 2018, 22, 157-160.	4.1	20
525	Fog-Based Crime-Assistance in Smart IoT Transportation System. IEEE Access, 2018, 6, 11101-11111.	4.2	63
526	Reliable Traffic Density Estimation in Vehicular Network. IEEE Transactions on Vehicular Technology, 2018, 67, 6424-6437.	6.3	20
527	Generalized analytical expressions for end-to-end throughput of IEEE 802.11 string-topology multi-hop networks. Ad Hoc Networks, 2018, 70, 135-148.	5.5	13
528	Achieving Secure and Privacy-Preserving Incentive in Vehicular Cloud Advertisement Dissemination. IEEE Access, 2018, 6, 25040-25050.	4.2	10
529	An Approach to Convergence Between LTE and DSRC. Lecture Notes in Networks and Systems, 2018, , 225-234.	0.7	2
530	Heterogeneous vehicular communications: A comprehensive study. Ad Hoc Networks, 2018, 75-76, 52-79.	5.5	70

#	ARTICLE	IF	CITATIONS
531	Signal to Noise Ratio Based Wi-Fi Offloading Decision Algorithm in Vehicular Networks. Procedia Computer Science, 2018, 125, 910-916.	2.0	1
532	A Domain-Specific Comparison of Information-Centric Networking Architectures for Connected Vehicles. IEEE Communications Surveys and Tutorials, 2018, 20, 2372-2388.	39.4	27
533	VANET/ITS cybersecurity threats: Analysis, categorization and forecasting. , 2018, , .		4
534	Clustering algorithm for internet of vehicles (IoV) based on dragonfly optimizer (CAVDO). Journal of Supercomputing, 2018, 74, 4542-4567.	3.6	82
535	GNSS Time Synchronization in Vehicular Ad-Hoc Networks: Benefits and Feasibility. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3915-3924.	8.0	61
536	An efficient distributed mutual exclusion algorithm for intersection traffic control. Journal of Supercomputing, 2018, 74, 1090-1107.	3.6	21
537	Vehicle Public Safety System Design and Implementation. International Journal of Intelligent Transportation Systems Research, 2018, 16, 16-25.	1.1	2
538	Non-IP Multi-protocol Stack for Vehicular Communications. Mobile Networks and Applications, 2018, 23, 1179-1193.	3.3	1
539	Emerging technologies and research challenges for intelligent transportation systems: 5G, HetNets, and SDN. International Journal on Interactive Design and Manufacturing, 2018, 12, 327-335.	2.2	49
540	Platoon Control of Connected Vehicles from a Networked Control Perspective: Literature Review, Component Modeling, and Controller Synthesis. IEEE Transactions on Vehicular Technology, 2024, , 1-1.	6.3	43
541	Channel Prediction With Location Uncertainty for Ad Hoc Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 349-361.	2.8	4
542	Prediction-based protocols for vehicular Ad Hoc Networks: Survey and taxonomy. Computer Networks, 2018, 130, 34-50.	5.1	39
543	Analytical model for information flow propagation wave under an information relay control strategy in a congested vehicle-to-vehicle communication environment. Transportation Research Part C: Emerging Technologies, 2018, 94, 1-18.	7.6	21
544	Theoretical interference analysis of inter-vehicular communication at intersection with power control. Computer Communications, 2018, 117, 84-103.	5.1	5
545	Opportunistic Routing for Vehicular Energy Network. IEEE Internet of Things Journal, 2018, 5, 533-545.	8.7	21
546	A Feedback Aware Reliable Transport Protocol with Improved Window Increment Mechanism for Inter Vehicular Wireless Network. Wireless Personal Communications, 2018, 98, 1119-1134.	2.7	4
547	A comparative classification of information dissemination approaches in vehicular ad hoc networks from distinctive viewpoints: A survey. Computer Networks, 2018, 131, 15-37.	5.1	56
548	A cross layer protocol for traffic management in Social Internet of Vehicles. Future Generation Computer Systems, 2018, 82, 707-714.	7.5	50

#	ARTICLE	IF	CITATIONS
549	Towards Reasoning Vehicles. ACM Computing Surveys, 2018, 50, 1-37.	23.0	21
550	Fairness-constrained optimized time-window controllers for secondary-users with primary-user reliability guarantees. Computer Communications, 2018, 116, 63-76.	5.1	1
551	Required navigation performance for connected and autonomous vehicles: where are we now and where are we going?. Transportation Planning and Technology, 2018, 41, 104-118.	2.0	18
552	Efficient and scalable execution of smart city parallel applications. Concurrency Computation Practice and Experience, 2018, 30, e4258.	2.2	7
553	A Comparative Survey on Information Dissemination in Heterogeneous Vehicular Communication Networks. , 2018, , .		2
554	Software Downloads in Trusted Zones with Wake-up Sensors for Connected Vehicles. , 2018, , .		1
555	A Survey on Secure Safety Applications in VANET. , 2018, , .		16
556	Research trends in Architecture, Security, Services and Applications of Internet of Vehicles (IOV). , 2018, , .		4
557	An infrastructurless vehicle blackbox system. , 2018, , .		1
558	Concurrent Data Dissemination at Intersections in mmWave for Cooperative Perceptions. , 2018, , .		0
559	Secured and Energy Efficient Data Transmission in SDN-VANETs. , 2018, , .		3
560	Pilot Insertion with Index Modulation for OFDM-Based Vehicular Communications. , 2018, , .		1
561	Effects of Vehicular Communication on Risk Assessment in Automated Driving Vehicles. Applied Sciences (Switzerland), 2018, 8, 2632.	2.5	7
562	Towards "Smarter" Vehicles Through Cloud-Backed Swarm Cognition. , 2018, , .		3
563	5G-Dynamic Resource Sharing Mechanism for Vehicular Networks: Congestion Game Approach. , 2018, , .		1
564	Performance Evaluation of a Receiver-Based Routing Protocol in Vehicular Ad-Hoc Networks. , 2018, , .		1
565	ProSEV: Proxy-Based Secure and Efficient Vehicular Communication. , 2018, , .		0
566	BESAFE: Design and Implementation of a DSRC-Based Test-Bed for Connected Autonomous Vehicles. , 2018, , .		1



#	ARTICLE	IF	CITATIONS
567	V2I mmWave Connectivity for Highway scenarios. , 2018, , .		1
568	Towards 5G: An Empirical Evaluation of Software-Defined End-to-End Network Slicing. , 2018, , .		23
569	Performance Evaluation for LTE-V based Vehicle-to-Vehicle Platooning Communication. , 2018, , .		8
570	Improving Emergency Collision Avoidance with Vehicle to Vehicle Communications. , 2018, , .		5
571	Congestion Adaptive Traffic Light Control and Notification Architecture Using Google Maps APIs. Data, 2018, 3, 67.	2.3	18
572	Mode Selection in UAV-aided Vehicular Network: an Evolutionary Game Approach. , 2018, , .		3
573	Secure and Tamper-resilient Distributed Ledger for Data Aggregation in Autonomous Vehicles. , 2018, , .		7
574	Challenges for Decentralized Congestion Control Mechanisms in Vehicular Ad Hoc Networks. , 2018, , .		2
575	Attacker Placement for Detecting Vulnerabilities of Pseudonym Change Strategies in VANET. , 2018, , .		3
576	Concurrent Geometric Multicasting. , 2018, , .		2
577	A Speech-Based On-Demand Intersection Assistant Prototype. , 2018, , .		3
578	An Efficient Load Balance Algorithm for Vehicular Ad-Hoc Network. , 2018, , .		23
579	Throughput-Aware Joint Route-Access Network Selection in Vehicular Communications. , 2018, , .		0
580	Smart Wireless Communication System for Traffic Management and Localization. , 2018, , .		0
581	Measuring Mobile Network Multi-Access for Time-Critical C-ITS Applications. , 2018, , .		4
582	Connected Vehicles in Cellular Networks: Multi-Access Versus Single-Access Performance. , 2018, , .		5
583	Modelling of Non-WSSUS Channels with Time-Variant Doppler and Delay Characteristics. , 2018, , .		16
584	Issues, Challenges, and Research Opportunities in Intelligent Transport System for Security and Privacy. Applied Sciences (Switzerland), 2018, 8, 1964.	2.5	34

#	ARTICLE	IF	CITATIONS
585	VANET protocols for more safety and fluidity in Intelligent Transportation Systems. , 2018, , .		0
586	The Relationship between Transport Wireless Network Throughput and Vehicle Speed. Automatic Control and Computer Sciences, 2018, 52, 297-305.	0.8	3
587	Evaluating Software-Defined Networking-Driven Edge Clouds for 5G Critical Communications. , 2018, , .		4
588	Dynamic Channel Selection for Real-Time Safety Message Communication in Vehicular Networks. , 2018, , .		3
589	Vouch. , 2018, , .		14
590	RSU Controlled Named Data Networking for Traffic Information Dissemination in Vehicular Networks. , 2018, , .		3
591	Real-Time Push-Based Data Forwarding for Target Tracking in Vehicular Named Data Networking. , 2018, , .		5
592	Enhancing the Wi-Fi Direct Protocol for Data Communication in Vehicular Ad-hoc Networks. , 2018, , .		1
593	Analysis of a Speech-Based Intersection Assistant in Real Urban Traffic. , 2018, , .		2
594	Novel Technique in Multihop Environment for Efficient Emergency Message Dissemination and Lossless Video Transmission in VANETS. Journal of Communications and Information Networks, 2018, 3, 101-111.	5.2	7
595	A Smart TLVC-Based Traffic Light Scheduling for Preventing YLD-related Accidents in Smart City. , 2018, , .		0
596	Improving QoS in Vehicular ad-hoc Networks using a multi-objective optimization algorithm. , 2018, , .		0
597	Information-Centric Networking With Edge Computing for IoT: Research Challenges and Future Directions. IEEE Access, 2018, 6, 73465-73488.	4.2	51
598	Seamless Vertical Handoff Protocol for LTE-802.11p Hybrid Vehicular Communications Over the Tactile Internet. , 2018, , .		1
599	Analysis of Packet Loss Characteristics in VANETs. , 2018, , .		5
600	Cloud, Edge, or Both? Towards Decision Support for Designing IoT Applications. , 2018, , .		24
601	Moments of Interference in Vehicular Networks With Hardcore Headway Distance. IEEE Transactions on Wireless Communications, 2018, 17, 8330-8341.	9.2	12
602	Comparative Study of Classification Algorithms for Big Data in VANET. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
603	Driving-situation-aware adaptive broadcasting rate scheme for vehicular ad hoc network. Journal of Intelligent and Fuzzy Systems, 2018, 35, 423-438.	1.4	12
604	A fuzzy-based approach for cluster management in VANETs: Performance evaluation for two fuzzy-based systems. Internet of Things (Netherlands), 2018, 3-4, 120-133.	7.7	37
605	Doppler Power Spectrum Measurements of Vehicular Channels in the 700 MHz Band. , 2018, , .		2
606	Cybersecurity Attacks in Vehicle-to-Infrastructure Applications and Their Prevention. Transportation Research Record, 2018, 2672, 66-78.	1.9	19
607	Multi-objective Approaches to Improve QoS in Vehicular Ad-hoc Networks. , 2018, , .		3
608	Non-Orthogonal Multiple Access for Vehicular Communication. , 2018, , .		2
609	Agriculture meets IEEE 802.11p: A Feasibility Study. , 2018, , .		6
610	Joint Resource Allocation With Weighted Max-Min Fairness for NOMA-Enabled V2X Communications. IEEE Access, 2018, 6, 65449-65462.	4.2	40
611	Network Slicing for Critical Communications in Shared 5G Infrastructures - An Empirical Evaluation. , 2018, , .		45
612	An Extended Kalman Filter and Back Propagation Neural Network Algorithm Positioning Method Based on Anti-lock Brake Sensor and Global Navigation Satellite System Information. Sensors, 2018, 18, 2753.	3.8	10
613	Improving flow delivery with link available time prediction in software-defined high-speed vehicular networks. Computer Networks, 2018, 145, 165-174.	5.1	10
614	Design and Experimental Validation of a Cooperative Adaptive Cruise Control System Based on Supervised Reinforcement Learning. Applied Sciences (Switzerland), 2018, 8, 1014.	2.5	28
615	A Real World Information-Centric Connected Vehicle Testbed Supporting ETSI ITS-G5. , 2018, , .		3
616	Cellular V2X Communications in Unlicensed Spectrum for 5G Networks. , 2018, , .		4
617	KM-based efficient algorithms for optimal packet scheduling problem in cellular/infostation integrated networks. Ad Hoc Networks, 2018, 77, 84-94.	5.5	5
618	IEEE 1609 WAVE and IEC 61850 Standard Communication Based Integrated EV Charging Management in Smart Grids. IEEE Transactions on Vehicular Technology, 2018, 67, 7690-7697.	6.3	62
619	Optimal and Greedy Algorithms for the One-Dimensional RSU Deployment Problem With New Model. IEEE Transactions on Vehicular Technology, 2018, 67, 7643-7657.	6.3	33
620	TEAM: A Trust Evaluation and Management Framework in Context-Enabled Vehicular Ad-Hoc Networks. IEEE Access, 2018, 6, 28643-28660.	4.2	65

#	ARTICLE	IF	CITATIONS
621	Multi-level SDN with vehicles as fog computing infrastructures: A new integrated architecture for 5G-VANETs. , 2018, , .		23
622	Delay-Constrained Throughput Maximization in UAV-Assisted VANETs. Lecture Notes in Computer Science, 2018, , 115-126.	1.3	3
623	Effect Analysis of Early Warning for Abandoned Object on Highway Based on Internet-of-Vehicles CA Model. Discrete Dynamics in Nature and Society, 2018, 2018, 1-14.	0.9	1
624	Artificial swarm algorithm for VANET protection against routing attacks. , 2018, , .		36
625	A Hybrid Low-Latency D2D Resource Allocation Scheme Based on Cellular V2X Networks. , 2018, , .		17
626	Effect of Fog and Rain on the Performance of Vehicular Visible Light Communications. , 2018, , .		59
627	Dynamic Virtual Resource Allocation in 5G Vehicular Communication Networks with Mixed SCMA/OFDMA. , 2018, , .		8
628	Coexistence of Wi-Fi and WAVE in the DSRC Spectrum: Impact on WAVE Latency and Throughput. , 2018, , .		1
629	Applications, requirements, and design guidelines for multi-tiered vehicular network architecture. , 2018, , .		5
630	Memory Matters: Bumblebee Behavioral Models for Vehicle-to-Vehicle Communications. IEEE Access, 2018, 6, 25437-25447.	4.2	8
631	3VSR: Three Valued Secure Routing for Vehicular Ad Hoc Networks using Sensing Logic in Adversarial Environment. Sensors, 2018, 18, 856.	3.8	13
632	A hybrid reactive and position-based approach to packet routing in 3D topology networks. , 2018, , .		2
633	Hierarchical architecture for 5G based software-defined intelligent transportation system. , 2018, , .		18
634	Robust cruise control of heterogeneous connected vehicle systems. , 2018, , .		6
635	On latency-aware tree topology construction for emergency responding VANET applications. , 2018, , .		8
636	SINR and throughput improvement for VANET using fuzzy power control. International Journal of Communication Systems, 2018, 31, e3579.	2.5	9
637	An Analytical Framework for Coverage in Cellular Networks Leveraging Vehicles. IEEE Transactions on Communications, 2018, , 1-1.	7.8	58
638	CISRP: connectivity-aware intersection-based shortest path routing protocol for VANETs in urban environments. IET Networks, 2018, 7, 152-161.	1.8	15

#	ARTICLE	IF	CITATIONS
639	Autonomous Traffic Management: Open Issues and New Directions. , 2018, , .		12
640	Performance Evaluation of Joint Placement and Sleep Scheduling of Grid-Connected Solar Powered Road Side Units in Vehicular Networks. IEEE Transactions on Green Communications and Networking, 2018, 2, 1197-1209.	5.5	17
641	Multidimensional Security Provision for Secure Communication in Vehicular Ad Hoc Networks Using Hierarchical Structure and End-to-End Authentication. IEEE Access, 2018, 6, 46558-46567.	4.2	21
642	A Multi-path Extension to RDV Routing Scheme for Static-node-Assisted Vehicular Networks. , 2018, , .		1
644	A system of systems framework: Cooperative Maneuvers Manager for Autonomous Vehicles. , 2018, , .		2
645	Adaptive Windowing for ICI Mitigation in Vehicular Communications. IEEE Wireless Communications Letters, 2018, 7, 974-977.	5.0	7
646	Cellular V2X Communications in Unlicensed Spectrum: Harmonious Coexistence With VANET in 5G Systems. IEEE Transactions on Wireless Communications, 2018, 17, 5212-5224.	9.2	111
647	Smart farming: Opportunities, challenges and technology enablers. , 2018, , .		75
648	Vehicular Networks to Intelligent Transportation Systems. , 2018, , 297-315.		12
649	A Link-Stability-Based Interest-Forwarding Strategy For Vehicular Named Data Networks. IEEE Internet Computing, 2018, 22, 16-26.	3.3	38
650	A Security-Aware Fuzzy-Based Cluster Head Selection System for VANETs. Advances in Intelligent Systems and Computing, 2019, , 505-516.	0.6	1
651	Performance study and optimization of multi-channel allocation in VANET under physical channel model. Wireless Networks, 2019, 25, 4785-4797.	3.0	3
652	Trust model for secure group leader-based communications in VANET. Wireless Networks, 2019, 25, 4639-4661.	3.0	43
653	A Survey on Multi-Agent Reinforcement Learning Methods for Vehicular Networks. , 2019, , .		27
654	A game theoretical based rebroadcasting protocol for content dissemination in VANETs. , 2019, , .		0
655	Event-Driven Stochastic Eco-Driving Strategy at Signalized Intersections From Self-Driving Data. IEEE Transactions on Vehicular Technology, 2019, 68, 8557-8569.	6.3	29
656	Platoon Cooperation in Cellular V2X Networks for 5G and Beyond. IEEE Transactions on Wireless Communications, 2019, 18, 3919-3932.	9.2	82
657	Preemptive Network Selection for V2V Communication. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
658	Semi-Persistent V2X Resource Allocation with Traffic Prediction in Two-Tier Cellular Networks. , 2019, , .		4
659	A Cooperative and Reliable RSU-Assisted IEEE 802.11P-Based Multi-Channel MAC Protocol for VANETs. IEEE Access, 2019, 7, 107576-107590.	4.2	23
660	Risk Controlled Beacon Transmission in V2V Communications. , 2019, , .		7
661	Clustering Based Resource Management Scheme for Latency and Sum Rate Optimization in V2X Networks. , 2019, , .		7
662	A Survey of Security Services, Attacks, and Applications for Vehicular Ad Hoc Networks (VANETs). Sensors, 2019, 19, 3589.	3.8	123
663	Real-Time Detection of DoS Attacks in IEEE 802.11p Using Fog Computing for a Secure Intelligent Vehicular Network. Electronics (Switzerland), 2019, 8, 776.	3.1	16
664	Cooperative vehicular communications at intersections over Nakagami-m fading channels. Vehicular Communications, 2019, 19, 100165.	4.0	13
665	Preamble-Based Adaptive Channel Estimation for IEEE 802.11p. Sensors, 2019, 19, 2971.	3.8	11
666	A Distance-Vector-Based Multi-Path Routing Scheme for Static-Node-Assisted Vehicular Networks. Sensors, 2019, 19, 2688.	3.8	5
667	Multi-hop interpersonal trust assessment in vehicular <i>ad-hoc</i> networks using three-valued subjective logic. IET Information Security, 2019, 13, 223-230.	1.7	13
668	Naive Bayes Classifier Based Driving Habit Prediction Scheme for VANET Stable Clustering. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 445-452.	0.3	3
669	Concurrent Transmission Scheduling for Perceptual Data Sharing in mmWave Vehicular Networks. IEICE Transactions on Information and Systems, 2019, E102.D, 952-962.	0.7	4
670	A Distributed Token Passing Protocol for Time Constrained Data Gathering in VANETs. Electronics (Switzerland), 2019, 8, 823.	3.1	5
671	ESCBV: energy-efficient and secure communication using batch verification scheme for vehicle users. Wireless Networks, 2019, 25, 4403-4414.	3.0	9
672	A tutorial survey on vehicular communication state of the art, and future research directions. Vehicular Communications, 2019, 18, 100164.	4.0	104
673	A Joint Reliable Transport Strategy in Internet of Vehicles. Electronics (Switzerland), 2019, 8, 926.	3.1	2
674	VANET's Security Concerns and Solutions. , 2019, , .		6
675	A traffic-aware electric vehicle charging management system for smart cities. Vehicular Communications, 2019, 20, 100188.	4.0	18

#	ARTICLE	IF	CITATIONS
676	Trust enforcement in vehicular networks: challenges and opportunities. IET Wireless Sensor Systems, 2019, 9, 237-246.	1.7	10
677	Designing and Manufacturing of a Worst Case Communication Channel for Automotive Ethernet 1000BASE-T1. , 2019, , .		2
678	Adaptive alert content dissemination protocol inspired from volunteer's dilemma game for Vehicular Ad-hoc Networks. Vehicular Communications, 2019, 19, 100180.	4.0	3
679	Blockchain-based security aspects in heterogeneous Internet of Things networks: A survey. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3741.	3.9	51
680	Quality of User Experience in 5G-VANET. , 2019, , .		9
681	ETCS: An Efficient Traffic Congestion Scheduling Scheme Combined with Edge Computing. , 2019, , .		7
682	IEEE 802.11p under congestion in an Infrastructure-to-Vehicle communication approach. , 2019, , .		4
683	The priority assignment of messages effects on delay performance in VANET. Journal of Physics: Conference Series, 2019, 1187, 042106.	0.4	1
684	Minimization of Energy Consumption Per Bit Using an Average Dwell-Time Approach for Wireless Networked Control Systems. IEEE Access, 2019, 7, 81839-81848.	4.2	3
685	Predictive energy management strategy for connected 48V hybrid electric vehicles. Energy, 2019, 187, 115952.	8.8	25
686	Emergency Vehicle Traversal using DSRC/WAVE based Vehicular Communication. , 2019, , .		3
687	Secure communication protocol for smart transportation based on vehicular cloud. , 2019, , .		7
688	Performance Analysis of IEEE 802.11p Protocol with Retry Limit in VANETs: An Analytical study. Procedia Computer Science, 2019, 152, 195-203.	2.0	2
689	A survey on security attacks in VANETs: Communication, applications and challenges. Vehicular Communications, 2019, 19, 100179.	4.0	107
690	Vehicular Communications in Tunnels using VLC. , 2019, , .		10
691	A social internet of vehicles sharing SloT relationships. , 2019, , .		7
692	Context-aware data-centric misbehaviour detection scheme for vehicular ad hoc networks using sequential analysis of the temporal and spatial correlation of the consistency between the cooperative awareness messages. Vehicular Communications, 2019, 20, 100186.	4.0	30
693	Information-Guided Pilot Insertion for OFDM-Based Vehicular Communications Systems. IEEE Internet of Things Journal, 2019, 6, 26-37.	8.7	7

#	ARTICLE	IF	CITATIONS
694	A Scalable Indirect Position-Based Causal Diffusion Protocol for Vehicular Networks. IEEE Access, 2019, 7, 14767-14778.	4.2	4
695	Forecasting Issues of Wireless Communication Networks's Cyber Resilience for An Intelligent Transportation System: An Overview of Cyber Attacks. Information (Switzerland), 2019, 10, 27.	2.9	21
696	Effect of security and trustworthiness for a fuzzy cluster management system in VANETs. Cognitive Systems Research, 2019, 55, 153-163.	2.7	37
697	Road-Aware Estimation Model for Path Duration in Internet of Vehicles (IoV). Wireless Personal Communications, 2019, 109, 715-738.	2.7	20
698	Privacy-Preserving Authentication and Service Rights Management for the Internet of Vehicles. Lecture Notes in Electrical Engineering, 2019, , 1904-1912.	0.4	0
699	Intrusion Detection Systems: A Cross-Domain Overview. IEEE Communications Surveys and Tutorials, 2019, 21, 3639-3681.	39.4	61
700	Survey on QoE/QoS Correlation Models for Video Streaming over Vehicular Ad-hoc Networks. Journal of Computing and Information Technology, 2019, 26, 267-287.	0.3	6
701	Dynamic Clustering Mechanism to Avoid Congestion Control in Vehicular Ad Hoc Networks Based on Node Density. Wireless Personal Communications, 2019, 107, 1911-1931.	2.7	23
702	Vehicular Data Space: The Data Point of View. IEEE Communications Surveys and Tutorials, 2019, 21, 2392-2418.	39.4	19
703	Vehicular Communications Over TV White Spaces in the Presence of Secondary Users. IEEE Access, 2019, 7, 53496-53508.	4.2	8
704	A Survey on Location Privacy Techniques Deployed in Vehicular Networks. , 2019, , .		10
705	CNVPS: Cooperative Neighboring Vehicle Positioning System Based on Vehicle-to-Vehicle Communication. IEEE Access, 2019, 7, 16847-16857.	4.2	14
706	Dynamic Resource Allocation for LTE-Based Vehicle-to-Infrastructure Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 5017-5030.	6.3	15
707	Indirect Diffused Light Free-Space Optical Communications for Vehicular Networks. IEEE Communications Letters, 2019, 23, 814-817.	4.1	13
708	RNN-Assisted Network Coding for Secure Heterogeneous Internet of Things With Unreliable Storage. IEEE Internet of Things Journal, 2019, 6, 7608-7622.	8.7	6
709	Active Roll Preview Control with V2V Communication. International Journal of Automotive Technology, 2019, 20, 169-175.	1.4	9
710	Delay-Constrained Data Transmission with Minimal Energy Consumption in Cognitive Radio/WiFi Vehicular Networks. Wireless Personal Communications, 2019, 107, 1777-1797.	2.7	1
711	A collaborative routing protocol for video streaming with fog computing in vehicular ad hoc networks. International Journal of Distributed Sensor Networks, 2019, 15, 155014771983283.	2.2	8



#	ARTICLE	IF	CITATIONS
712	Improved Delay Performance in VANET by the Priority Assignment. IOP Conference Series: Earth and Environmental Science, 0, 234, 012081.	0.3	5
713	Study on the Framework of Intersection Pedestrian Collision Warning System Considering Pedestrian Characteristics. Transportation Research Record, 2019, 2673, 747-758.	1.9	17
714	Group Speed Parameter Effect for Clustering of Vehicles in VANETs: A Fuzzy-Based Approach. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 13-24.	0.7	0
715	Cooperative Collision Avoidance for Overtaking Maneuvers in Cellular V2X-Based Autonomous Driving. IEEE Transactions on Vehicular Technology, 2019, 68, 4434-4446.	6.3	42
716	Cold Chain Logistics Information Monitoring Platform Based on Internet of Vehicles. , 2019, , .		3
717	Cooperative NOMA Broadcasting/Multicasting for Low-Latency and High-Reliability 5G Cellular V2X Communications. IEEE Internet of Things Journal, 2019, 6, 7828-7838.	8.7	128
718	Elucidating the challenges for the praxis of fog computing: An aspect-based study. International Journal of Communication Systems, 2019, 32, e3926.	2.5	16
719	Authentication and privacy schemes for vehicular ad hoc networks (VANETs): A survey. Vehicular Communications, 2019, 16, 45-61.	4.0	120
720	Improving Download Throughput by Saving the Transmission Bandwidth in Vehicular Networks. Arabian Journal for Science and Engineering, 2019, 44, 3967-3976.	3.0	1
722	Energy-Angle Domain Initial Access and Beam Tracking in Millimeter Wave V2X Communications. IEEE Access, 2019, 7, 9340-9350.	4.2	9
723	A Judicious Spectrum Sensing Technique in Cognitive Radio Assisted Internet of Vehicles. , 2019, , .		1
724	The merging control method of on-ramp vehicles based on cooperative vehicle infrastructure system for highway entering ramp. IOP Conference Series: Materials Science and Engineering, 2019, 688, 044057.	0.6	2
725	Proof-of-Concept of a SDN Based mmWave V2X Network for Safe Automated Driving. , 2019, , .		17
726	Survey of Hybrid VANET Design for Provisioning Infotainment Application. , 2019, , .		0
727	Assessing Social Aspects of Urban Vehicular Scenarios for Improving Message Diffusion. , 2019, , .		2
728	Stochastic Geometric Analysis of Cellular-Relay V2V Communications. , 2019, , .		4
729	Short Blocklength Priority-Based Coding for Unequal Error Protection in the AWGN Channel. , 2019, , .		3
730	Facilitated Local Context Sharing in V2X Environment with NOMA for Small Packet. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
731	Pending Interest Lifetime Mechanism for Vehicular Named Data Networks. , 2019, , .		5
732	Efficient data handover and intelligent information assessment in software-defined vehicular social networks. IET Intelligent Transport Systems, 2019, 13, 1814-1821.	3.0	8
733	A baseline for context-aware system for safety messages dissemination in VANETs. Revista Facultad De Ingenier�a, 2019, , 9-18.	0.5	0
734	Autonomous Traffic Management using Big Data in a Network of IoT Enabled Devices. , 2019, , .		0
735	Multi-Vehicle Cooperative Local Mapping Using Split Covariance Intersection Filter. , 2019, , .		1
736	VANET Channel Allocation Scheme Based on Hungarian Algorithm. , 2019, , .		0
737	Security Attacks, Requirements and Authentication Schemes in VANET. , 2019, , .		12
738	A Smart Forwarding Scheme for the Interest Packet in VNDN. , 2019, , .		5
739	Interest Forwarding Strategies In Vehicular Named Data Networks. , 2019, , .		5
740	Data Anomaly Detection for Internet of Vehicles Based on Traffic Cellular Automata and Driving Style. Sensors, 2019, 19, 4926.	3.8	5
741	Information Dissemination Speed in Delay Tolerant Urban Vehicular Networks in a Hyperfractal Setting. IEEE/ACM Transactions on Networking, 2019, 27, 1901-1914.	3.8	10
742	Review of Potential Methods for Handover Decision in V2V VANET. , 2019, , .		4
743	A secure priority vehicle movement based on blockchain technology in connected vehicles. , 2019, , .		10
744	Theoretical Performance Analysis of Vehicular Broadcast Communications at Intersection and Their Optimization. , 2019, , .		5
745	Model Predictive Cruise Control of Heterogeneous Vehicle Systems. , 2019, , .		0
746	Improving Throughput and Energy Efficiency in Vehicular Ad-Hoc Networks using Internet of Vehicles and Mobile Femto Access Points. , 2019, , .		2
747	Spectrum and Power Allocation for Vehicular Networks with Diverse Latency Requirements. , 2019, , .		2
748	An Intelligent Vehicle Control System for Enhancing Road Safety Using Optimal Visible Light Communication Network. Journal of Optical Communications, 2023, 44, 81-94.	4.7	1

#	ARTICLE	IF	CITATIONS
749	Design of Secure and Reliable MU-MIMO Transceiver System for Vehicular Networks. International Journal of Computer Networks and Communications, 2019, 11, 15-32.	0.3	2
750	Scalable Modulation-based Multi-Service Multiplexing Transmission for Vehicular Communications. , 2019, , .		0
751	IEEE 802.11p field trials on interference minimization for safety-related V2X applications. , 2019, , .		1
753	A microsimulation approach for the impact assessment of a Vehicle-to-Infrastructure based Road Hazard Warning system. , 2019, , .		3
754	Usability Benefits and Challenges in mmWave V2V Communications: A Case Study. , 2019, , .		6
755	Control of Platooned Vehicles in Presence of Traffic Shock Waves. , 2019, , .		12
756	Clustering in VANETs: A Fuzzy-Based System for Clustering of Vehicles. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 810-821.	0.7	0
757	Mobility prediction-based efficient clustering scheme for connected and automated vehicles in VANETs. Computer Networks, 2019, 150, 217-233.	5.1	20
758	A Privacy-Preserving and Verifiable Querying Scheme in Vehicular Fog Data Dissemination. IEEE Transactions on Vehicular Technology, 2019, 68, 1877-1887.	6.3	36
759	Emergency Message Dissemination Schemes Based on Congestion Avoidance in VANET and Vehicular FoG Computing. IEEE Access, 2019, 7, 1570-1585.	4.2	63
760	A Pedestrian Collision Prevention Method Through P2V Communication. Advances in Intelligent Systems and Computing, 2019, , 547-553.	0.6	0
761	Survey on IoV routing protocols: Security and network architecture. International Journal of Communication Systems, 2019, 32, e3849.	2.5	41
762	Vehdoop: A Scalable Analytical Processing Framework for Vehicular Sensor Networks. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3104-3114.	8.0	6
763	A Novel VANETs-Based Traffic Light Scheduling Scheme for Greener Planet and Safer Road Intersections. IEEE Access, 2019, 7, 22175-22185.	4.2	16
764	Cyber security challenges and solutions for V2X communications: A survey. Computer Networks, 2019, 151, 52-67.	5.1	92
765	Performance Evaluation of a Fuzzy-Based Cluster-Management System for VANETs. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 623-636.	0.7	0
766	Mobility Prediction: A Survey on State-of-the-Art Schemes and Future Applications. IEEE Access, 2019, 7, 802-822.	4.2	90
767	Joint Roadside Unit Deployment and Service Task Assignment for Internet of Vehicles (IoV). IEEE Internet of Things Journal, 2019, 6, 3271-3283.	8.7	48

#	ARTICLE	IF	CITATIONS
768	5G-enabled Hierarchical architecture for software-defined intelligent transportation system. Computer Networks, 2019, 150, 81-89.	5.1	68
769	Construction of a stable vehicular ad hoc network based on hybrid genetic algorithm. Telecommunication Systems, 2019, 71, 433-445.	2.5	11
770	Energy-efficient multicast routing protocol based on SDN and fog computing for vehicular networks. Ad Hoc Networks, 2019, 84, 68-81.	5.5	63
771	QoS supported adaptive and multichannel MAC protocol in vehicular ad-hoc network. Cluster Computing, 2019, 22, 3325-3337.	5.0	7
772	Traffic-Aware VANET Routing for City Environmentsâ€”A Protocol Based on Ant Colony Optimization. IEEE Systems Journal, 2019, 13, 571-581.	4.6	105
773	Joint optimization of spectrum access and power allocation in uplink OFDMA CR-VANETs. Wireless Networks, 2019, 25, 1-11.	3.0	36
774	Energy-Efficient Adaptive Resource Management for Real-Time Vehicular Cloud Services. IEEE Transactions on Cloud Computing, 2019, 7, 196-209.	4.4	220
775	Driverless vehicle security: Challenges and future research opportunities. Future Generation Computer Systems, 2020, 108, 1092-1111.	7.5	82
776	Structures generated in a multiagent system performing information fusion in peer-to-peer resource-constrained networks. Neural Computing and Applications, 2020, 32, 16367-16385.	5.6	4
777	A robust distance-based relay selection for message dissemination in vehicular network. Wireless Networks, 2020, 26, 1755-1771.	3.0	49
778	Evaluation of Congestion-Enabled Forwarding With Mixed Data Traffic in Vehicular Communications. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 233-247.	8.0	28
779	A Secure and Trustworthy Intelligent System for Clustering in VANETs Using Fuzzy Logic. Advances in Intelligent Systems and Computing, 2020, , 156-165.	0.6	2
780	A Review of Sensing and Communication, Human Factors, and Controller Aspects for Information-Aware Connected and Automated Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 7-29.	8.0	69
781	PRIVANET: An Efficient Pseudonym Changing and Management Framework for Vehicular Ad-Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3209-3218.	8.0	37
782	Battery Lifetime Prognostics. Joule, 2020, 4, 310-346.	24.0	570
783	Secure and Blockchain-Based Emergency Driven Message Protocol for 5G Enabled Vehicular Edge Computing. Sensors, 2020, 20, 154.	3.8	44
784	Lion optimization algorithm (LOA)-based reliable emergency message broadcasting system in VANET. Soft Computing, 2020, 24, 10415-10432.	3.6	15
785	5G Vehicle-to-Everything Services: Gearing Up for Security and Privacy. Proceedings of the IEEE, 2020, 108, 373-389.	21.3	89

#	ARTICLE	IF	CITATIONS
786	A Blockchain-SDN-Enabled Internet of Vehicles Environment for Fog Computing and 5G Networks. IEEE Internet of Things Journal, 2020, 7, 4278-4291.	8.7	147
787	Security issues and challenges in V2X: A Survey. Computer Networks, 2020, 169, 107093.	5.1	117
788	A receiver-forwarding decision scheme based on Bayesian for NDN-VANET. China Communications, 2020, 17, 106-120.	3.2	14
789	Real-time Prediction of Non-stationary Wireless Channels. IEEE Transactions on Wireless Communications, 2020, 19, 7836-7850.	9.2	12
790	Pseudonym change-based privacy-preserving schemes in vehicular ad-hoc networks: A survey. Journal of Information Security and Applications, 2020, 55, 102618.	2.5	12
791	Model of transport of medical emergency services using VANET networks in urban areas and implemented with computer intelligence. , 2020, , .		0
792	Naive Bayes Classifier Based Driving Habit Prediction Scheme for VANET Stable Clustering. Mobile Networks and Applications, 2020, 25, 1708-1714.	3.3	7
793	Characterization of Field of View in Visible Light Communication Systems for Intelligent Transportation Systems. IEEE Photonics Journal, 2020, 12, 1-16.	2.0	25
794	Distributed Utility Optimization in Vehicular Communication Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 11992-12003.	6.3	1
795	Longitudinal and lateral control of autonomous vehicles in multi-vehicle driving environments. IET Intelligent Transport Systems, 2020, 14, 924-935.	3.0	19
796	Joint Full-Duplex and Roadside Unit Selection for NOMA-Enabled V2X Communications: Ergodic Rate Performance. IEEE Access, 2020, 8, 140348-140360.	4.2	16
797	An anonymous authentication scheme for edge computing-based car2home connectivity services in vehicular networks. Future Generation Computer Systems, 2020, 106, 659-671.	7.5	13
798	Autonomous Resource Slicing for Virtualized Vehicular Networks With D2D Communications Based on Deep Reinforcement Learning. IEEE Systems Journal, 2020, 14, 4694-4705.	4.6	38
799	COSMOS Smart Intersection: Edge Compute and Communications for Bird's Eye Object Tracking. , 2020, , .		19
800	Utilizing Multi-Connectivity to Reduce Latency and Enhance Availability for Vehicle to Infrastructure Communication. IEEE Transactions on Mobile Computing, 2022, 21, 1874-1891.	5.8	9
801	Towards a secure ITS: Overview, challenges and solutions. Journal of Information Security and Applications, 2020, 55, 102637.	2.5	8
802	An Assessment of Provision of Heterogeneous Services for Sustainable Cargo Transportation Process Management by Roads. Sustainability, 2020, 12, 8405.	3.2	6
803	GreenVANET: Greening Vehicular Ad-hoc Network by Scheduling Up-link Channel. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
804	Omega: a Secure Event Ordering Service for the Edge. , 2020, , .		9
805	Detection and Control of Data Congestion in Vehicular Broadcast Networks. , 2020, , .		1
806	A Non-WSSUS Channel Simulator for V2X Communication Systems. Electronics (Switzerland), 2020, 9, 1190.	3.1	7
807	Low-Latency VLC System with Fresnel Receiver for I2V ITS Applications. Journal of Sensor and Actuator Networks, 2020, 9, 35.	3.9	19
808	Architectural Design Alternatives Based on Cloud/Edge/Fog Computing for Connected Vehicles. IEEE Communications Surveys and Tutorials, 2020, 22, 2349-2377.	39.4	78
809	On the Potential of V2X Message Compression for Vehicular Networks. IEEE Access, 2020, 8, 214254-214268.	4.2	9
810	Analysis and Assessment of the Common Mode Termination for Automotive Ethernet 1000BASE-T1. , 2020, , .		1
811	Multipath modeling and mitigation by using sparse estimation in global navigation satellite system-challenged urban vehicular environments. International Journal of Advanced Robotic Systems, 2020, 17, 172988142096869.	2.1	1
812	Enhanced QoS Performance with Reduced Route Overhead by Ant Colony Optimization Algorithm for VANET. , 2020, , .		1
813	Secrecy Rate Maximization via Radio Resource Allocation in Cellular Underlying V2V Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 7281-7294.	6.3	22
814	Securing Vehicle-to-Everything (V2X) Communication Platforms. IEEE Transactions on Intelligent Vehicles, 2020, 5, 693-713.	12.7	117
815	Development and Performance Evaluation of a Connected Vehicle Application Development Platform. Transportation Research Record, 2020, 2674, 537-552.	1.9	2
816	Secure and Efficient Privacy-Preserving Authentication Scheme for 5G Software Defined Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 8542-8554.	6.3	31
817	PLS-Based Secrecy Transmission for VANETs. IEEE Transactions on Vehicular Technology, 2020, 69, 7596-7608.	6.3	5
818	Performance Analysis of various Information Platforms for recognizing the quality of Indian Roads. , 2020, , .		8
819	Channel Modelling and Performance Limits of Vehicular Visible Light Communication Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 6891-6901.	6.3	72
820	An Efficient Cluster Based Resource Management Scheme and its Performance Analysis for V2X Networks. IEEE Access, 2020, 8, 87071-87082.	4.2	20
821	An improved distance-based ant colony optimization routing for vehicular ad hoc networks. International Journal of Communication Systems, 2020, 33, e4502.	2.5	22

#	ARTICLE	IF	CITATIONS
822	QoS-aware multi-path video streaming for urban VANETs using ACO algorithm. Telecommunication Systems, 2020, 75, 79-96.	2.5	10
823	Distributed and Adaptive Reservation MAC Protocol for Beaconing in Vehicular Networks. IEEE Transactions on Mobile Computing, 2021, 20, 2936-2948.	5.8	17
824	A low-complexity design for the terminal device of the urban IoT-oriented heterogeneous network with ultra-high-speed OFDM processing. Sustainable Cities and Society, 2020, 61, 102323.	10.4	6
825	Wideband Dual Circularly Polarized Antenna for Intelligent Transport Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 5193-5202.	6.3	23
826	Cooperative Content Downloading Protocol Based on the Mobility Information of Vehicles in Intermittently Connected Vehicular Networks. , 2020, , .		7
827	Vision-Based Personal Safety Messages (PSMs) Generation for Connected Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 9402-9416.	6.3	13
828	Cognitive Radio-Assisted NOMA Broadcasting for 5G Cellular V2X Communications: Model of Roadside Unit Selection and SWIPT. Sensors, 2020, 20, 1786.	3.8	6
829	Machine Learning to Improve Multi-Hop Searching and Extended Wireless Reachability in V2X. IEEE Communications Letters, 2020, 24, 1477-1481.	4.1	20
830	Performance Analysis of Cooperative Sensing over Time-Correlated Rayleigh Channels in Vehicular Environments. Electronics (Switzerland), 2020, 9, 1004.	3.1	4
831	Batch-Assisted Verification Scheme for Reducing Message Verification Delay of the Vehicular <i>Ad Hoc</i> Networks. IEEE Internet of Things Journal, 2020, 7, 8144-8156.	8.7	15
832	Recent Advances and Challenges in Security and Privacy for V2X Communications. IEEE Open Journal of Vehicular Technology, 2020, 1, 244-266.	4.9	47
833	Internet of Things device authentication via electromagnetic fingerprints. Engineering Reports, 2020, 2, e12226.	1.7	5
834	Optimising message broadcasting in opportunistic networks. Computer Communications, 2020, 157, 162-178.	5.1	8
835	Capacity and Coverage Analysis of High Altitude Platform (HAP) Antenna Arrays for Rural Vehicular Broadband Services. , 2020, , .		8
836	Electronic Payment Schemes Based on Blockchain in VANETs. IEEE Access, 2020, 8, 38296-38303.	4.2	27
837	Two-Way Transmission for Low-Latency and High-Reliability 5G Cellular V2X Communications. Sensors, 2020, 20, 386.	3.8	14
838	Use Of Smartphones for Ensuring Vulnerable Road User Safety through Path Prediction and Early Warning: An In-Depth Review of Capabilities, Limitations and Their Applications in Cooperative Intelligent Transport Systems. Sensors, 2020, 20, 997.	3.8	18
839	Secure authentication and privacy-preserving techniques in Vehicular Ad-hoc NETWORKS (VANETs). Vehicular Communications, 2020, 25, 100247.	4.0	94



#	ARTICLE	IF	CITATIONS
841	Semi-Persistent Resource Allocation Based on Traffic Prediction for Vehicular Communications. IEEE Transactions on Intelligent Vehicles, 2020, 5, 345-355.	12.7	8
842	QoS aware distributed dynamic channel allocation for V2V communication in TVWS spectrum. Computer Networks, 2020, 171, 107126.	5.1	7
843	Security and Privacy in Vehicular Ad Hoc Network and Vehicle Cloud Computing: A Survey. Wireless Communications and Mobile Computing, 2020, 2020, 1-25.	1.2	75
844	A New Affinity Propagation Clustering Algorithm for V2V-Supported VANETs. IEEE Access, 2020, 8, 71405-71421.	4.2	18
845	A Reputation System Using a Bayesian Statistical Filter in Vehicular Networks. , 2020, , .		5
846	An extensible frame structure for time division multiple access medium access control in vehicular ad hoc networks. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3912.	3.9	2
847	Distributed Estimation Framework for Beyond 5G Intelligent Vehicular Networks. IEEE Open Journal of Vehicular Technology, 2020, 1, 190-214.	4.9	19
848	V2VR: Reliable Hybrid-Network-Oriented V2V Data Transmission and Routing Considering RSUs and Connectivity Probability. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3533-3546.	8.0	176
849	Intelligent Vehicle Network Routing With Adaptive 3D Beam Alignment for mmWave 5G-Based V2X Communications. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2706-2718.	8.0	40
850	Mobility Prediction in Vehicular Ad-Hoc Networks: Prediction Aims, Techniques, Use Cases, and Research Challenges. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 105-126.	3.8	7
851	Measurement-based VLC channel characterization for I2V communications in a real urban scenario. Vehicular Communications, 2021, 28, 100305.	4.0	15
852	Energy-Efficient Strategy for Improving Coverage and Rate Using Hybrid Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 430-443.	8.0	13
853	Blockchain-Based Adaptive Trust Management in Internet of Vehicles Using Smart Contract. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3616-3630.	8.0	74
854	Performance enhancement of safety message communication via designing dynamic power control mechanisms in vehicular ad hoc networks. Computational Intelligence, 2021, 37, 1286-1308.	3.2	7
855	TDMA based contention-free MAC protocols for vehicular ad hoc networks: A survey. Vehicular Communications, 2021, 28, 100308.	4.0	14
856	Security of SDN-based vehicular ad hoc networks: State-of-the-art and challenges. Vehicular Communications, 2021, 27, 100284.	4.0	20
857	Deep learning support for intelligent transportation systems. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4169.	3.9	26
858	Vehicular Visible Light Communications: A Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 161-181.	39.4	134



#	ARTICLE	IF	CITATIONS
859	Reinforcement Learning for IoT Security: A Comprehensive Survey. IEEE Internet of Things Journal, 2021, 8, 8693-8706.	8.7	76
860	A cooperative game based mechanism for autonomous organization and ubiquitous connectivity in VANETs. Simulation Modelling Practice and Theory, 2021, 107, 102213.	3.8	9
861	Energy-efficiency maximization in D2D-enabled vehicular communications with consideration of dynamic channel information and fairness. Peer-to-Peer Networking and Applications, 2021, 14, 164-176.	3.9	3
862	A Novel Cost Optimization Strategy for SDN-Enabled UAV-Assisted Vehicular Computation Offloading. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3664-3674.	8.0	130
863	Fire Controlling Under Uncertainty in Urban Region Using Smart Vehicular Ad hoc Network. Wireless Personal Communications, 2021, 116, 2049-2069.	2.7	11
864	A Survey on Deep Learning-Based Vehicular Communication Applications. Journal of Signal Processing Systems, 2021, 93, 369-388.	2.1	13
865	Optimal Multipath Routing for Video Transmission in VANETs. Wireless Personal Communications, 2021, 116, 805-827.	2.7	11
866	Fuzzy-Based Distributed Protocol for Vehicle-to-Vehicle Communication. IEEE Transactions on Fuzzy Systems, 2021, 29, 612-626.	9.8	36
867	Three-Dimensional Cooperative Positioning in Vehicular Ad-hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 937-950.	8.0	19
868	Left-Right-Front Caching Strategy for Vehicular Networks in ICN-Based Internet of Things. IEEE Access, 2021, 9, 595-605.	4.2	14
869	Analytical Nonstationary 3D MIMO Channel Model for Vehicle-to-Vehicle Communication on Slope. International Journal of Antennas and Propagation, 2021, 2021, 1-16.	1.2	1
870	Telematics and Mobile Internet. Advances in Wireless Technologies and Telecommunication Book Series, 2021, , 373-396.	0.4	5
871	Resource Allocation of Video Streaming Over Vehicular Networks: A Survey, Some Research Issues and Challenges. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5955-5975.	8.0	31
872	Vehicular Network Systems in Smart Cities. , 2021, , 721-749.		1
873	A Budgeted Maximum Coverage based mmWave Enabled 5G RSUs Placement in Urban Vehicular Networks. , 2021, , .		4
874	Vehicle-to-Everything (V2X) Communication Scenarios for Vehicular Ad-hoc Networking (VANET): An Overview. Lecture Notes in Computer Science, 2021, , 15-30.	1.3	5
875	Performance Analysis of NOMA in Vehicular Communications Over i.n.i.d Nakagami-m Fading Channels. IEEE Transactions on Wireless Communications, 2021, 20, 6254-6268.	9.2	18
876	An SDN empowered location aware routing for energy efficient next generation vehicular networks. IET Intelligent Transport Systems, 2021, 15, 308-319.	3.0	6

#	ARTICLE	IF	CITATIONS
877	Clustering and 5G-Enabled Smart Cities. , 2021, , 1012-1050.		4
878	A Survey of Autonomous Vehicles: Enabling Communication Technologies and Challenges. Sensors, 2021, 21, 706.	3.8	142
879	A Survey on Resource Allocation for 5G Heterogeneous Networks: Current Research, Future Trends, and Challenges. IEEE Communications Surveys and Tutorials, 2021, 23, 668-695.	39.4	305
880	Intelligent Vehicle Communications Technology for the Development of Smart Cities. Studies in Computational Intelligence, 2021, , 65-84.	0.9	2
881	A Survey on the Current Security Landscape of Intelligent Transportation Systems. IEEE Access, 2021, 9, 9180-9208.	4.2	64
882	Applications of Game Theory in Vehicular Networks: A Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 2660-2710.	39.4	22
883	IP-CHOCK Reference Detection and Prevention of Denial of Service (DoS) Attacks in Vehicular Ad-Hoc Network. , 2021, , 579-601.		0
884	On the $k$ Nearest-Neighbor Path Distance from the Typical Intersection in the Manhattan Poisson Line Cox Process. IEEE Transactions on Mobile Computing, 2021, , 1-1.	5.8	2
885	Recent Developments on Mobile Ad-Hoc Networks and Vehicular Ad-Hoc Networks. Electronics (Switzerland), 2021, 10, 364.	3.1	7
886	A Review on Highway Routing Protocols in Vehicular Ad Hoc Networks. SN Computer Science, 2021, 2, 1.	3.6	17
887	A Review of Applications and Communication Technologies for Internet of Things (IoT) and Unmanned Aerial Vehicle (UAV) Based Sustainable Smart Farming. Sustainability, 2021, 13, 1821.	3.2	115
888	A Study on Various Technologies to Solve the Routing Problem in Internet of Vehicles (IoV). Wireless Personal Communications, 2021, 119, 459-487.	2.7	13
889	Channel Modeling Based on 3D Scenario Information for V2I Communications. , 2021, , .		2
890	Network Capacity Optimization for Cellular-Assisted Vehicular Systems by Online Learning-Based mmWave Beam Selection. Wireless Communications and Mobile Computing, 2021, 2021, 1-26.	1.2	7
891	Adaptive and Optimum Secret Key Establishment for Secure Vehicular Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 2310-2321.	6.3	19
892	Enabling Technologies for Urban Smart Mobility: Recent Trends, Opportunities and Challenges. Sensors, 2021, 21, 2143.	3.8	111
893	Toward Electrical Vehicular Ad Hoc Networks: E-VANET. Journal of Electrical Engineering and Technology, 2021, 16, 1667-1683.	2.0	6
894	WHISPER: A Location Privacy-Preserving Scheme Using Transmission Range Changing for Internet of Vehicles. Sensors, 2021, 21, 2443.	3.8	13

#	ARTICLE	IF	CITATIONS
895	Topology-Aware Dynamic Computation Offloading in Vehicular Networks. , 2021, , .		2
896	Anomaly Detection of Highway Vehicle Trajectory under the Internet of Things Converged with 5G Technology. Complexity, 2021, 2021, 1-12.	1.6	5
897	Hybrid Connectivity for Autonomous Vehicles: Conceptual View & Initial Results. , 2021, , .		7
898	Fuzzy Matching Learning for Dynamic Resource Allocation in Cellular V2X Network. IEEE Transactions on Vehicular Technology, 2021, 70, 3479-3492.	6.3	6
899	V2V Communication and Authentication: The Internet of Things Vehicles(Iotv). Wireless Personal Communications, 2021, 120, 231-247.	2.7	6
900	Performance Analysis of Cellular-Relay Vehicle-to-Vehicle Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 3396-3411.	6.3	12
901	Blockchain-Based Privacy-Preserving Driver Monitoring for MaaS in the Vehicular IoT. IEEE Transactions on Vehicular Technology, 2021, 70, 3788-3799.	6.3	39
902	Detecting and Controlling the Occurrence of Data Congestion in a High-density VANETs Environment. , 2021, , .		0
903	Edge computing and its role in Industrial Internet: Methodologies, applications, and future directions. Information Sciences, 2021, 557, 34-65.	6.9	41
904	Analysis of Global and Local Synchronization in Parallel Computing. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 988-1000.	5.6	6
905	Impact of Ad-hoc on-demand distance vector on TCP traffic simulation using network simulator. Materials Today: Proceedings, 2021, , .	1.8	0
906	The Emergence of Vehicle Computing. IEEE Internet Computing, 2021, 25, 18-22.	3.3	9
907	Impact of Safety Message Generation Rules on the Awareness of Vulnerable Road Users. Sensors, 2021, 21, 3375.	3.8	9
908	A Novel Heuristic Data Routing for Urban Vehicular <i>Ad Hoc</i> Networks. IEEE Internet of Things Journal, 2021, 8, 8976-8989.	8.7	19
909	AV-CPS: Audio Visual Cognitive Processing System for Critical Intervention in Autonomous Vehicles. , 2021, , .		3
910	A Comprehensive Survey of the Key Technologies and Challenges Surrounding Vehicular Ad Hoc Networks. ACM Transactions on Intelligent Systems and Technology, 2021, 12, 1-30.	4.5	34
911	MComIoV: Secure and Energy-Efficient Message Communication Protocols for Internet of Vehicles. IEEE/ACM Transactions on Networking, 2021, 29, 1349-1361.	3.8	15
912	Indirect Line-Of-Sight Free-Space Optical Communications Using Diffuse Reflection. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
913	Super-Resolution in Automotive Pulse Radars. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 913-926.	10.8	4
914	Comparative evaluation of Kalman filters and motion models in vehicular state estimation and path prediction. Journal of Navigation, 2021, 74, 1142-1160.	1.7	4
915	VCom: Secure and Efficient Vehicle-to-Vehicle Message Communication Protocol. IEEE Transactions on Network and Service Management, 2021, 18, 2365-2376.	4.9	9
916	Modeling and verifying NDN-based IoV using CSP. Journal of Software: Evolution and Process, 2022, 34, e2371.	1.6	4
917	Novel Road Traffic Management Strategy for Rapid Clarification of the Emergency Vehicle Route Based on V2V Communications. Sensors, 2021, 21, 5120.	3.8	7
918	Efficient Message Dissemination in V2V Network: A Local Centrality-based Approach. , 2021, , .		2
919	A dual band shorted triangular patch antenna for vehicular application. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22801.	1.2	6
920	On Machine Learning Applicability to Transaction Time Prediction for Time-Critical C-ITS Applications. , 2021, , .		1
921	Intelligent Drunk and Drive Alert System (ADAS). Lecture Notes in Networks and Systems, 2022, , 463-473.	0.7	0
922	A survey of data dissemination schemes in vehicular named data networking. Vehicular Communications, 2021, 30, 100353.	4.0	21
923	Deep reinforcement learning techniques for vehicular networks: Recent advances and future trends towards 6G. Vehicular Communications, 2022, 33, 100398.	4.0	18
924	Secure Authentication Schemes for Vehicular Adhoc Networks: A Survey. Wireless Personal Communications, 2022, 123, 31-68.	2.7	7
925	LSTM-Based Channel Access Scheme for Vehicles in Cognitive Vehicular Networks With Multi-Agent Settings. IEEE Transactions on Vehicular Technology, 2021, 70, 9132-9143.	6.3	9
926	Privacy-Preserving Aggregation for Federated Learning-Based Navigation in Vehicular Fog. IEEE Transactions on Industrial Informatics, 2021, 17, 8453-8463.	11.3	50
927	HMM-Based Traffic State Prediction and Adaptive Routing Method in VANETs. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 236-252.	0.3	0
928	A Comprehensive Review of Authentication Schemes in Vehicular Ad-Hoc Network. IEEE Access, 2021, 9, 31309-31321.	4.2	66
929	Popularity Incentive Caching for Vehicular Named Data Networking. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3640-3653.	8.0	16
930	An Efficient Cooperative Transmission Based Opportunistic Broadcast Scheme in VANETs. IEEE Transactions on Mobile Computing, 2021, , 1-1.	5.8	5

#	ARTICLE	IF	CITATIONS
931	Optimized Power Control in Internet of Vehicles Based on Serial Interference Cancellation and User Matching. IEEE Access, 2021, 9, 68472-68481.	4.2	0
932	Theoretical Broadcast Rate Optimization for V2V Communications at Intersection. IEEE Transactions on Mobile Computing, 2022, 21, 3360-3372.	5.8	2
933	A Survey of Security and Privacy in Connected Vehicles. , 2015, , 217-247.		46
934	Vehicular Network Systems in Smart Cities. , 2020, , 1-30.		3
935	Implementation and Demonstration of WAVE Networking Services for Intelligent Transportation Systems. Lecture Notes in Computer Science, 2014, , 130-139.	1.3	1
936	tNote: A Social Network of Vehicles under Internet of Things. Lecture Notes in Computer Science, 2014, , 227-236.	1.3	16
938	Smart Transportation Systems: Architecture, Enabling Technologies, and Open Issues. SpringerBriefs in Computer Science, 2017, , 23-49.	0.2	18
939	Trust Based Congestion Control Algorithm (TBCCA) in VANET. Communications in Computer and Information Science, 2019, , 524-535.	0.5	2
940	Performance analysis of collision avoidance routing protocol for inter-vehicular communication. Cluster Computing, 2019, 22, 7769-7775.	5.0	7
941	AdPS: Adaptive Priority Scheduling for Data Services in Heterogeneous Vehicular Networks. Computer Communications, 2020, 159, 71-82.	5.1	11
943	An enhanced routing algorithm using ant colony optimization and VANET infrastructure. MATEC Web of Conferences, 2019, 259, 02009.	0.2	15
944	A Survey on Pseudonym Changing Strategies for Vehicular Ad-Hoc Networks. IEEE Communications Surveys and Tutorials, 2018, 20, 770-790.	39.4	131
945	Data Verification and Misbehavior Detection in Vehicular Ad-hoc Networks. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.4	8
946	Timings Matter. Mobile Computing and Communications Review, 2015, 18, 81-90.	1.7	2
947	Improving the Performance of VANETs using Many-to-Many Communication. , 2015, , .		3
948	SearchCom. , 2020, , .		7
949	An Efficient Prediction-Based Data Forwarding Strategy in Vehicular Ad Hoc Network. International Journal of Distributed Sensor Networks, 2015, 11, 128725.	2.2	5
950	A Machine Learning System for Routing Decision-Making in Urban Vehicular Ad Hoc Networks. International Journal of Distributed Sensor Networks, 2015, 11, 374391.	2.2	40

#	ARTICLE	IF	CITATIONS
951	A Survey on Multihop Ad Hoc Networks for Disaster Response Scenarios. International Journal of Distributed Sensor Networks, 2015, 2015, 1-16.	2.2	91
952	Vehicular Ad Hoc Networks: Architectures, Research Issues, Methodologies, Challenges, and Trends. International Journal of Distributed Sensor Networks, 2015, 11, 745303.	2.2	177
953	A Self-Adaptive and Link-Aware Beaconless Forwarding Protocol for VANETs. International Journal of Distributed Sensor Networks, 2015, 11, 757269.	2.2	9
954	Increasing Intelligence in Inter-Vehicle Communications to Reduce Traffic Congestions: Experiments in Urban and Highway Environments. PLoS ONE, 2016, 11, e0159110.	2.5	49
955	Framework for Safety Driving System in Connected-Vehicle Communication Networks. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 137-146.	0.4	3
956	A Novel Distributed Intrusion Detection System for Vehicular Ad Hoc Networks. International Journal of Advanced Computer Science and Applications, 2015, 6, .	0.7	8
957	Overview of Wireless Access in Vehicular Environment (WAVE) Protocols and Standards. Indian Journal of Science and Technology, 2013, 6, 1-8.	0.7	32
958	The future of vehicle crash avoidance through VANETs. International Journal of Advanced and Applied Sciences, 2018, 5, 1-15.	0.4	3
961	Network Management and Monitoring Solutions for Vehicular Networks: A Survey. Electronics (Switzerland), 2020, 9, 853.	3.1	10
962	Vehicular Cloud Computing. Advances in Wireless Technologies and Telecommunication Book Series, 2014, , 262-274.	0.4	10
963	Towards Smarter Cities and Roads. Advances in Wireless Technologies and Telecommunication Book Series, 2014, , 16-50.	0.4	5
964	IP-CHOCK Reference Detection and Prevention of Denial of Service (DoS) Attacks in Vehicular Ad-Hoc Network. Advances in Wireless Technologies and Telecommunication Book Series, 2017, , 398-420.	0.4	1
965	Challenges and Opportunities in Vehicular Cloud Computing. Advances in Computer and Electrical Engineering Book Series, 2018, , 57-74.	0.3	7
966	Challenges and Opportunities in Vehicular Cloud Computing. , 2019, , 2168-2185.		14
967	Vehicular Ad Hoc Networks (VANETs). Advances in Data Mining and Database Management Book Series, 2020, , 224-239.	0.5	7
968	Network Connectivity Probability of Linear Vehicular Ad Hoc Networks on Two-Way Street. Communications and Network, 2012, 04, 332-341.	0.8	9
969	A Robust Multi-RAT VANET/LTE for Mixed Control & Entertainment Traffic. Journal of Transportation Technologies, 2015, 05, 113-121.	0.5	10
970	Embedded VANETs Architecture. Communications on Applied Electronics, 2015, 1, 40-45.	0.4	1

#	ARTICLE	IF	CITATIONS
971	Feasibility Analysis of Vehicle-to-vehicle Communication on Suburban Road. Promet - Traffic - Traffico, 2013, 25, 483-493.	0.7	6
972	Multi-Fogs-Based Traceable Privacy-Preserving Scheme for Vehicular Identity in Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12544-12561.	8.0	2
973	HDRS: A Hybrid Reputation System With Dynamic Update Interval for Detecting Malicious Vehicles in VANETs. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12766-12777.	8.0	5
974	The Security Challenges with Cognitive Radio Environments for VANETS. , 2021, , .		11
975	Single Pair Ethernet for the Industrial Internet of Things: Accurate Line Measurements. , 2021, , .		2
976	Single Pair Ethernet for the Industrial Internet of Things: Accurate Line Modeling. , 2021, , .		0
977	Role of Machine Learning in Resource Allocation Strategy over Vehicular Networks: A Survey. Sensors, 2021, 21, 6542.	3.8	13
978	Hierarchical Control for Trajectory-based Intelligent Navigation in Urban Adjacent Intersections. , 2021, , .		2
979	Resource Allocation Schemes for 5G Network: A Systematic Review. Sensors, 2021, 21, 6588.	3.8	18
980	Distributed multilane merging for connected autonomous vehicle platooning. Science China Information Sciences, 2021, 64, 1.	4.3	8
981	Vehicular Ad Hoc Networks. Hans Journal of Wireless Communications, 2013, 03, 22-44.	0.0	0
982	The Program Download Problem: Complexity and Algorithms. Lecture Notes in Computer Science, 2013, , 688-696.	1.3	1
983	Fairness Assurance through TXOP Tuning in IEEE 802.11p Vehicle-to-Infrastructure Networks for Drive-Thru Internet Applications. Communications and Network, 2013, 05, 69-83.	0.8	4
984	Dynamic User Behavior-Based Piracy Propagation Monitoring in Wireless Peer-to-Peer Networks. Lecture Notes in Computer Science, 2013, , 44-55.	1.3	0
985	Downlink Capacity of Vehicular Networks with Access Infrastructure. Springer Briefs in Electrical and Computer Engineering, 2014, , 53-74.	0.5	0
987	Routing Protocols simulation for Efficiency Applications in Vehicular Environments. Sistemas Y Telemática, 2013, 11, 27.	0.1	1
989	Fuzzy Logic-Based Adaptive Decision Support in Autonomous Vehicular Networks. Studies in Computational Intelligence, 2014, , 215-236.	0.9	1
990	Routing And Communication Path Mapping In VANETS. , 2014, , .		0



#	ARTICLE	IF	CITATIONS
991	Video Service using Smart AP and GPS in Vehicle Network. , 2014, , .		0
992	Expected Node Degree and Hopcount Analysis of One-dimensional Vehicular Ad Hoc Networks (VANETs). Journal of Information and Computational Science, 2014, 11, 5717-5725.	0.1	0
993	Multimedia Service using CSMA/GPS in Vehicular Communication Network. International Journal of Multimedia and Ubiquitous Engineering, 2014, 9, 123-132.	0.4	2
994	Safety in Vehicular Networks”on the Inevitability of Short-Range Directional Communications. Lecture Notes in Computer Science, 2015, , 347-360.	1.3	4
995	Vehicular Cloud Computing. , 2015, , 1049-1061.		3
996	Disruption-Tolerant Routing in Vehicular Ad-hoc Networks. Computer Communications and Networks, 2015, , 121-157.	0.8	0
997	Selective Random CDD Enhanced Joint Cooperative Relay and HARQ for Delay-Tolerant Vehicular Communications. International Journal of Distributed Sensor Networks, 2015, 11, 657938.	2.2	5
998	Survey em Redes Veiculares Usando o MixiM sobre o OMNeT++. Interfaces Científicas - Exatas E Tecnológicas, 2015, 1, 47-56.	0.0	0
999	On Dynamic Video Source Decision in VANETs: An On-Demand Clustering Approach. International Journal of Distributed Sensor Networks, 2015, 11, 436810.	2.2	4
1000	Towards Smarter Cities and Roads. , 2016, , 1594-1630.		0
1001	Implementation and Performance Evaluation of Vehicle-Moving Based Routing Protocol in VANET. Lecture Notes in Computer Science, 2016, , 93-104.	1.3	0
1002	VTCP: A Clustering Protocol Based on Traffic Flow States for Vehicular Networks. Lecture Notes in Computer Science, 2016, , 107-119.	1.3	0
1003	Neighbor Trust Algorithm (NTA) to Protect VANET from Denial of Service Attack (DoS). International Journal of Computer Applications, 2016, 140, 8-12.	0.2	5
1004	The Framework for Implementation of Smart Refrigerators using IoT. , 2016, , .		3
1006	Secure Data Dissemination for Intelligent Transportation Systems. SpringerBriefs in Computer Science, 2017, , 99-140.	0.2	1
1008	Wireless Multi-Hop Networks. Springer Briefs in Electrical and Computer Engineering, 2017, , 5-17.	0.5	0
1009	Vehicular Social Sensor Networks. , 2017, , 19-37.		1
1010	Vehicular Social Sensor Networks. , 2017, , 19-37.		0



#	ARTICLE	IF	CITATIONS
1011	ALGORITHMS FOR TRAFFIC MANAGEMENT IN THE INTELLIGENT TRANSPORT SYSTEMS. International Journal of Advanced Studies, 2017, 7, 52.	0.1	1
1012	Intrusion Detection System in Self-Organizing Networks: A Survey. , 2017, , 339-392.		1
1013	A Dynamic Reallocation Based Window Access Scheme for Enhancing QoS of Vehicular Ad-hoc Networks (VANETs). Advances in Science, Technology and Engineering Systems, 2018, 3, 322-328.	0.5	0
1015	An energy-efficient failure detector for vehicular cloud computing. PLoS ONE, 2018, 13, e0191577.	2.5	2
1016	Throughput and Delay Analysis of IEEE 802.11 String-Topology Multi-Hop Network in TCP Traffic with Delayed ACK. IEICE Transactions on Communications, 2018, E101.B, 1233-1245.	0.7	0
1017	A Fuzzy-Based System for Safe Driving Information in VANETs. Lecture Notes on Data Engineering and Communications Technologies, 2019, , 648-658.	0.7	1
1018	Improving QoS of VANET using Network Coding. International Journal of Engineering and Management Research, 2018, 8, 192-200.	0.2	0
1019	Distributed Change Detection via Average Consensus over Networks. Springer Proceedings in Mathematics and Statistics, 2019, , 177-192.	0.2	5
1020	Clustering and 5G-Enabled Smart Cities. Advances in Wireless Technologies and Telecommunication Book Series, 2019, , 18-55.	0.4	3
1021	Implementation of a Fuzzy-Based Simulation System and a Testbed for Improving Driving Conditions in VANETs. Advances in Intelligent Systems and Computing, 2020, , 3-12.	0.6	2
1022	Implementation of a Fuzzy-Based Simulation System and a Testbed for Improving Driving Conditions in VANETs Considering Drivers's Vital Signs. Advances in Intelligent Systems and Computing, 2020, , 37-48.	0.6	2
1023	A Review on the Vehicle to Vehicle and Vehicle to Infrastructure Communication. Advances in Intelligent Systems and Computing, 2020, , 44-52.	0.6	0
1024	Possibilities to Support Heterogeneous Mobile Services in Vehicle Communication Networks. Informacijos Mokslai, 0, 85, 176-192.	0.0	2
1025	An Effective Congestion Control System for Vehicular Adhoc Networks Using Multidimensional Data Clustering. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 224-230.	0.7	0
1026	Heuristic Routing with Infrastructure Nodes for Data Dissemination in Vehicular Networks. , 2019, , .		0
1027	VANET Security through Group Broadcast Encryption. Journal of Computer and Communications, 2020, 08, 22-35.	0.9	5
1028	SNR-Based Early Warning Message Scheme for VANETs. Journal of Mobile Multimedia, 0, , .	0.9	4
1030	Visible Light Communication for Automotive Market Weather Conditions Simulation. Advances in Intelligent Systems and Computing, 2021, , 637-651.	0.6	0

#	ARTICLE	IF	CITATIONS
1031	Optimal Resource Sharing Amongst Device-to-Device Communication Using Particle Swarm Algorithm. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 1-11.	0.7	0
1032	Effect of Driver's Condition for Driving Risk Measurement in VANETs: A Comparison Study of Simulation and Experimental Results. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 102-113.	0.7	0
1033	Fundamentals of Communication Networks Resilience to Disasters and Massive Disruptions. Computer Communications and Networks, 2020, , 1-43.	0.8	14
1034	Design of Resilient Vehicle-to-Infrastructure Systems. Computer Communications and Networks, 2020, , 721-741.	0.8	1
1035	Possibilities to Support Heterogeneous Mobile Services in Vehicle Communication Networks. Informacijos Mokslai, 0, 90, 80-95.	0.0	0
1036	Distributed and Privacy Preserving Routing of Connected Vehicles to Minimize Congestion. , 2020, , .		1
1037	Review on various authentication schemes and attacks on connected vehicles. IOP Conference Series: Materials Science and Engineering, 0, 993, 012102.	0.6	2
1039	Towards the Development of Vehicular Ad-Hoc Networks (VANETs). Advances in Computational Intelligence and Robotics Book Series, 2020, , 21-47.	0.4	2
1040	Evolution of Vehicular Networks in the Transition from 3G to 4G Systems. , 2020, , 444-454.		0
1041	Architecture and experimental evaluation of context-aware adaptation in vehicular networks. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	1
1042	A Novel Prediction-Based Temporal Graph Routing Algorithm for Software-Defined Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13275-13290.	8.0	28
1043	Multi-Vehicle Cooperative SLAM Using Iterated Split Covariance Intersection Filter. , 2021, , .		1
1044	Compilation of References. , 0, , 0-0.		0
1045	Mobile Cloud Computing in Service Platform for Vehicular Networking. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 57-64.	0.3	0
1046	INVESTIGATION OF SECURE VEKIT WEB INTERFACE FOR PREVENTING ENVIRONMENT POLLUTION. Transport, 2020, 35, 511-522.	1.2	0
1047	Quality of Experience and Emerging Technologies: Considering Features of 5G, IoT, Cloud and AI. EAI/Springer Innovations in Communication and Computing, 2021, , 1-8.	1.1	2
1048	On the Impact of SDN for Transmission Power Adaptation and FIB Population in NDN-VANETs. , 2020, , .		3
1049	Vehicle Fusion Positioning Model based on CSI. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
1050	A Cluster Routing Protocol Based On Vehicle Density In Vehicular Ad Hoc Networks. , 2020, , .		2
1051	Analyzing the coexistence of DSRC and Wi-Fi networks using the Poisson line Cox process. Physical Communication, 2022, 50, 101518.	2.1	0
1052	A Hybrid Vehicle-to-Vehicle Transmission Model for Vehicular Networks. , 2021, , .		2
1053	Analysis of the Possibility of Using Cellular Networks in Vehicular Networks and Remote-Control Channels of Drones in Terms of Delays. , 2021, , .		0
1055	A Model-Based Reinforcement Learning Protocol for Routing in Vehicular Ad hoc Network. Wireless Personal Communications, 2022, 123, 975-1001.	2.7	5
1057	A distributed soft sensors model for managing vague and uncertain multimedia communications using information fusion techniques. AEJ - Alexandria Engineering Journal, 2022, 61, 5517-5528.	6.4	5
1058	Secure Privacy-Preserving V2V Communication in 5G-V2X Supporting Network Slicing. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14439-14455.	8.0	10
1060	Multistate Active Combined Power and Message/Data Rate Adaptive Decentralized Congestion Control Mechanisms for Vehicular Ad Hoc Networks. Journal of Physics: Conference Series, 2022, 2161, 012018.	0.4	7
1061	ICDRP-F-SDVN: An innovative cluster-based dual-phase routing protocol using fog computing and software-defined vehicular network. Vehicular Communications, 2022, 34, 100453.	4.0	15
1062	An Intelligent Parking System Based on Cooperative Vehicle Infrastructure System. , 2020, , .		1
1063	Medium Access Probability Model Based on CSMA/CA for a DSRC Network Driven by Poisson Line Process. , 2020, , .		0
1064	Evaluation of Transportation Systems and Novel UV-Oriented Solution for Integration, Resilience, Inclusiveness and Sustainability. , 2020, , .		3
1065	Evaluation of Smart Infrastructure Systems and Novel UV-Oriented Solution for Integration, Resilience, Inclusiveness, and Sustainability. , 2020, , .		2
1066	Distributed Cooperative Localization Framework via Consensus Optimization. , 2020, , .		1
1067	Evaluation of Intersection Control Strategies Supported by Communication Infrastructure in Presence of Selfish Vehicles. , 2020, , .		0
1068	Lightweight Secure Data Exchange in Decentralized VANETs with Physical Layer Security. , 2020, , .		1
1069	Internet of Vehicles (IoV): A Survey of Challenges and Solutions. , 2020, , .		23
1070	Car Social Network: Contact a Driver Through the License Plate. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
1071	Intelligent Traffic Based on Hybrid Control Policy of Connected Autonomous Vehicles in Multiple Unsignalized Intersections. , 2021, , .		1
1072	A hybrid Algorithms to Improve the Quality of Service in Vehicular Ad-Hoc Networks: A Framework. , 2021, , .		3
1073	A Privacy Conserves Pseudonym Acquisition Scheme in Vehicular Communication Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15536-15545.	8.0	4
1074	Experimentation framework for wireless communication systems under jamming scenarios. IET Cyber-Physical Systems: Theory and Applications, 2022, 7, 93-111.	3.3	2
1075	A Comprehensive Review of Computing Paradigms, Enabling Computation Offloading and Task Execution in Vehicular Networks. IEEE Access, 2022, 10, 3580-3600.	4.2	28
1076	A Novel Highway Routing Protocol in Vehicular Ad Hoc Networks Using VMaSC-LTE and DBA-MAC Protocols. Wireless Communications and Mobile Computing, 2022, 2022, 1-11.	1.2	17
1077	An Intelligent Approach for Cloud-Fog-Edge Computing SDN-VANETs Based on Fuzzy Logic: Effect of Different Parameters on Coordination and Management of Resources. Sensors, 2022, 22, 878.	3.8	12
1078	Security of Vehicular Ad Hoc Networks using blockchain: A comprehensive review. Vehicular Communications, 2022, 34, 100458.	4.0	33
1079	Blockchain Technology for Intelligent Transportation Systems: A Systematic Literature Review. IEEE Access, 2022, 10, 20995-21031.	4.2	70
1080	Energy Efficiency and Delay Tradeoff in an MEC-Enabled Mobile IoT Network. IEEE Internet of Things Journal, 2022, 9, 15942-15956.	8.7	18
1081	SAMA: Security-Aware Monitoring Approach for Location Abusing and UAV GPS-Spoofing Attacks on Internet of Vehicles. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 343-360.	0.3	3
1084	A Review on Integration of Vehicular Ad-Hoc Networks and Cloud Computing. International Journal of Cloud Applications and Computing, 2022, 12, 1-23.	2.0	6
1085	Modeling and Analysis of Multi-Relay Cooperative Communications in C-V2X Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 16371-16385.	8.0	3
1086	Doppler Spectrum Measurement Platform for Narrowband V2V Channels. IEEE Access, 2022, 10, 27162-27184.	4.2	7
1087	Spectrum Access Allocation in Vehicular Networks With Intermittently Interrupted Channels. IEEE Wireless Communications Letters, 2022, 11, 1151-1155.	5.0	0
1088	Analysis of Fog Computing Service for Infrastructure Managing in ITS. , 2022, , .		1
1090	Adaptive traffic signal control for developing countries using fused parameters derived from crowd-source data. Transportation Letters, 2023, 15, 296-307.	3.1	2
1091	Comprehensive Review on Misbehavior Detection for Vehicular Ad Hoc Networks. Journal of Advanced Transportation, 2022, 2022, 1-27.	1.7	10

#	ARTICLE	IF	CITATIONS
1092	A Novel V2V Charging Mechanism Based on Bargain Model within the Scheme of Internet of Smart Charging Points. , 2021, , .		0
1093	Bus-based WSMP Dissemination Protocol for Vehicular Network. , 2021, , .		0
1094	An Optimal Packet Delivery Strategy Based on Deep Reinforcement Learning in IoV. , 2021, , .		0
1095	Communication Technologies Enabling Effective UAV Networks: A Standards Perspective. IEEE Communications Standards Magazine, 2021, 5, 33-40.	4.9	4
1096	Performance Limit of Two-Agent Scheduling with Kinematic Constraints. , 2021, , .		2
1097	Internet of Vehicles and Intelligent Routing: A Survey-Based Study. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 517-531.	0.7	2
1098	Security Hardened and Privacy Preserved Vehicle-to-Everything (V2X) Communication. Security and Communication Networks, 2022, 2022, 1-4.	1.5	0
1099	Ad Hoc Communication Topology Construction for Delay-Sensitive Internet of Vehicle Applications. Wireless Communications and Mobile Computing, 2022, 2022, 1-15.	1.2	2
1102	D-World: Decay Small-World for Optimizing Swarm Knowledge Synchronization. IEEE Access, 2022, 10, 60060-60077.	4.2	2
1103	Timely Updates With Priorities: Lexicographic Age Optimality. IEEE Transactions on Communications, 2022, 70, 3020-3033.	7.8	3
1104	RAFT: Congestion control technique for efficient information dissemination in ICN based VANET. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2022, 25, 397-404.	1.0	0
1105	State-of-the-art: Data Dissemination Techniques in Vehicular Ad-hoc Networks. , 2022, , .		3
1106	Roadside Unit Deployment in Internet of Vehicles Systems: A Survey. Sensors, 2022, 22, 3190.	3.8	31
1107	Deep Journalism and DeepJournal V1.0: A Data-Driven Deep Learning Approach to Discover Parameters for Transportation. Sustainability, 2022, 14, 5711.	3.2	10
1108	PCP: A Pseudonym Change Scheme for Location Privacy Preserving in VANETs. Entropy, 2022, 24, 648.	2.2	7
1109	Optimal collision-avoiding deceleration when approaching a stochastically vanishing obstacle. Automatica, 2022, 142, 110323.	5.0	0
1110	LiDAR SLAM Based Multivehicle Cooperative Localization Using Iterated Split CIF. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21137-21147.	8.0	15
1111	Survey on Issues and Recent Advances in Vehicular Public-Key Infrastructure (VPKI). IEEE Communications Surveys and Tutorials, 2022, 24, 1574-1601.	39.4	24

#	ARTICLE	IF	CITATIONS
1112	A survey on vehicular task offloading: Classification, issues, and challenges. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 4135-4162.	3.9	9
1113	ELITE: An Intelligent Digital Twin-based Hierarchical Routing Scheme for Softwarized Vehicular Networks. IEEE Transactions on Mobile Computing, 2022, , 1-1.	5.8	56
1114	Data Dissemination Performance in P2P-Based Vehicular Communications for Smart City Environments. Wireless Communications and Mobile Computing, 2022, 2022, 1-29.	1.2	0
1115	A Fuzzy Logic Approach for Determining Driver Impatience and Stress Leveraging Internet of Vehicles Infrastructure. Vehicles, 2022, 4, 553-566.	3.1	1
1117	Impact of Driver Behavior in VANET Data Transmission. , 2022, , .		0
1118	Blockchain and Edge Intelligence-based Secure and Trusted V2V Framework Underlying 6G Networks. , 2022, , .		3
1119	Efficient resource allocation scheme for D2D enabled vehicular networks in secured 5G communication. Journal of Discrete Mathematical Sciences and Cryptography, 2022, 25, 931-942.	0.8	0
1120	A Review on Optimisation Strategies for Cloud Computing Technologies. , 2022, , .		0
1121	Vehicles Speed Advisory: New Technique for Safer Highways' Overtaking. , 2022, , .		1
1122	The performance effect due to varying network topologies on a software defined network employing the k-shortest path. International Journal of Advanced and Applied Sciences, 2022, 9, 134-144.	0.4	0
1123	Cooperative D-GNSS Aided with Multi Attribute Decision Making Module: A Rigorous Comparative Analysis. Future Internet, 2022, 14, 195.	3.8	3
1124	Design and Evaluation of Schemes for Replacing Multiple Member Vehicles in Vehicular Clouds. Electronics (Switzerland), 2022, 11, 2085.	3.1	0
1125	Survey on acquisition, tracking and pointing (ATP) systems and beam profile correction techniques in FSO communication systems. Journal of Optical Communications, 2020, , .	4.7	3
1126	A Comparison of End-to-End Architectures for Connected Vehicles. , 2022, , .		1
1127	Implementation and evaluation of a fuzzy-based system for determining stress feeling level in VANETs: Effect of driving experience and history on driver stress. Journal of High Speed Networks, 2022, , 1-13.	0.8	0
1128	The partial cloud member replacement for reconstructing vehicular clouds in VANETs: Reactive and proactive schemes. Ad Hoc Networks, 2022, 136, 102959.	5.5	1
1129	A Minimax Scheduling Framework for Inertially-Constrained Multi-Agent Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 24414-24427.	8.0	1
1130	Routing and Congestion in Vehicular Ad-Hoc Networks (VANETs): Characteristics, Challenges and Solutions. Lecture Notes in Electrical Engineering, 2022, , 313-336.	0.4	0

#	ARTICLE	IF	CITATIONS
1131	Optimal Joint Power and Rate Adaptation for Awareness and Congestion Control in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25033-25046.	8.0	2
1132	A Hybrid Scheduling Framework for Mixed Real-Time Tasks in an Automotive System With Vehicular Network. IEEE Transactions on Cloud Computing, 2022, , 1-14.	4.4	1
1133	Distributed Ledger Technology Based Architecture for Decentralized Device-to-Device Communication Network. IEEE Access, 2022, 10, 92006-92022.	4.2	1
1134	A Minimax Framework for Two-Agent Scheduling With Inertial Constraints. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 24401-24413.	8.0	2
1135	On the realization of VANET using named data networking: On improvement of VANET using NDN-based routing, caching, and security. International Journal of Communication Systems, 2022, 35, .	2.5	1
1136	Optimization transmit rate-based decentralized congestion control scheme in vehicular ad hoc networks. AIP Conference Proceedings, 2022, , .	0.4	2
1137	Quantification of multi-hazard risk of existing RC bridges in Barak Valley region, India. Proceedings of the Institution of Civil Engineers: Bridge Engineering, 2024, 177, 17-31.	0.6	0
1138	Vehicle Computing: Vision and challenges. , 2023, 1, 23-35.		2
1139	Reliable and Efficient Message Dissemination by Adaptive Relay Selection in Vehicular Networks. International Journal of Next-generation Computing, 0, , .	1.1	0
1140	Performance of Cooperative Detection in Joint Communication-Sensing Vehicular Network: A Data Analytic and Stochastic Geometry Approach. IEEE Transactions on Vehicular Technology, 2023, 72, 3848-3863.	6.3	1
1141	A Top-Down Survey on Optical Wireless Communications for the Internet of Things. IEEE Communications Surveys and Tutorials, 2023, 25, 1-45.	39.4	25
1142	Energy Efficient On/Off Switching of mmRSUs for 5G Vehicular Networks. , 2021, , .		0
1143	Data-driven Extreme Events Modeling for Vehicle Networks by Personalized Federated Learning: Invited Paper. , 2022, , .		1
1144	Cooperative Content Precaching Scheme Based on the Mobility Information of Vehicles in Intermittently Connected Vehicular Networks. Electronics (Switzerland), 2022, 11, 3663.	3.1	4
1145	Precise GNSS Time Synchronization With Experimental Validation in Vehicular Networks. IEEE Transactions on Network and Service Management, 2023, 20, 3289-3301.	4.9	1
1146	SELECT: Secure and Lightweight Context-Aware Mechanism for Smart Vehicular Networks. , 2022, , .		2
1147	Propagation characteristics of various highway V2V environment at 5.9GHz Band. , 2022, , .		1
1148	Smart City Intersections: Intelligence Nodes for Future Metropolises. Computer, 2022, 55, 74-85.	1.1	5



#	ARTICLE	IF	CITATIONS
1149	Sensorless and Coordination-Free Lane Switching on a Drone Road Segment—A Simulation Study. Drones, 2022, 6, 411.	4.9	1
1150	An efficient key validation mechanism with VANET in real-time cloud monitoring metrics to enhance cloud storage and security. Sustainable Energy Technologies and Assessments, 2023, 56, 102970.	2.7	10
1151	Distributed Scheduling at Non-Signalized Intersections With Mixed Cooperative and Non-Cooperative Vehicles. IEEE Transactions on Vehicular Technology, 2023, 72, 7123-7136.	6.3	1
1152	Roadside IRS-Aided Vehicular Communication: Efficient Channel Estimation and Low-Complexity Beamforming Design. IEEE Transactions on Wireless Communications, 2023, 22, 5976-5989.	9.2	3
1153	Spectral Efficiency for Multi-bit and Blind Medium Estimation of DCO-OFDM Used Vehicular Visible Light Communication. Lecture Notes in Electrical Engineering, 2023, , 873-885.	0.4	1
1154	Implementation of Fuzzy-Based Testbed for Coordination and Management of Cloud-Fog-Edge Resources in SDN-VANETs. Lecture Notes on Data Engineering and Communications Technologies, 2023, , 460-470.	0.7	0
1155	A Comprehensive Survey of V2X Cybersecurity Mechanisms and Future Research Paths. IEEE Open Journal of the Communications Society, 2023, 4, 325-391.	6.9	14
1156	PEPA: Paillier cryptosystem-based efficient privacy-preserving authentication scheme for VANETs. Journal of Systems Architecture, 2023, 138, 102855.	4.3	4
1157	Constrained hybrid optimal model predictive control for intelligent electric vehicle adaptive cruise using energy storage management strategy. Journal of Energy Storage, 2023, 65, 107383.	8.1	3
1158	Intelligent and Autonomous Vehicles. , 2022, , 1-24.		0
1159	Performance Analysis of IEEE 802.11p Protocol in IoV under Error-Prone Channel Conditions. Security and Communication Networks, 2023, 2023, 1-20.	1.5	3
1160	Dependable and reliable cloud-based architectures for vehicular communications: A systematic literature review. International Journal of Communication Systems, 2023, 36, .	2.5	1
1161	Vehicular Communication Strategy Using Machine Learning and Image Processing to Enhance Observations and Control on the Road Side Area. Lecture Notes in Networks and Systems, 2023, , 397-404.	0.7	0
1162	An adaptive framework for real-time freeway traffic estimation in the presence of CAVs. Transportation Research Part C: Emerging Technologies, 2023, 149, 104066.	7.6	2
1163	An edge communication based probabilistic caching for transient content distribution in vehicular networks. Scientific Reports, 2023, 13, .	3.3	5
1164	Detection and Reporting of Wireless Channel Congestion and Interference in Connected Vehicle Networks. Transportation Research Record, 2023, 2677, 46-58.	1.9	0
1165	QueryCom: Secure Message Communication and Data Searching Protocols for Smart Transportation. IEEE Transactions on Intelligent Transportation Systems, 2023, , 1-13.	8.0	0
1166	Coalitional Game Based Resource Allocation in D2D-Enabled V2V Communication. Journal of Systems Engineering and Electronics, 2023, 34, 1508-1519.	2.2	0



#	ARTICLE	IF	CITATIONS
1167	Implementation of Fuzzy-Based Testbed for Assessment of Neighbor Vehicle Processing Capability in SDN-VANETs. Lecture Notes in Networks and Systems, 2023, , 104-112.	0.7	0
1168	Comforting and Safer Highway Overtaking for Lane Change Based on Vehicles Speed Advisory. , 2022, , .		0
1169	Secure and Fast Emergency Road Healthcare Service Based on Blockchain Technology for Smart Cities. Sustainability, 2023, 15, 5748.	3.2	7
1170	Resource allocation schemes in 5G: survey and challenges. I-manager S Journal on Communication Engineering and Systems, 2022, 11, 25.	0.1	0
1171	Vehicular Communication Network Enabled CAV Data Offloading: A Review. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 7869-7897.	8.0	7
1172	FlexiChain 3.0: Distributed Ledger Technology-Based Intelligent Transportation for Vehicular Digital Asset Exchange in Smart Cities. Sensors, 2023, 23, 4114.	3.8	5
1173	Transformer Based Traffic Flow Forecasting in SDN-VANET. IEEE Access, 2023, 11, 41816-41826.	4.2	0
1174	Security issues in Internet of Vehicles (IoV): A comprehensive survey. Internet of Things (Netherlands), 2023, 22, 100809.	7.7	13
1175	Analysis of Internet of Vehicles Technology Evolution and Trends Based on Bibliometric Visualization. Lecture Notes in Electrical Engineering, 2023, , 188-202.	0.4	0
1176	Information Dissemination Strategies for Safety Applications in VANET: A Review. Lecture Notes in Networks and Systems, 2022, , 327-341.	0.7	1
1177	Mobility Prediction in Cellular Networks: A Survey. , 2023, , .		0
1178	A survey on efforts to apply IPv6 in V2X communication networks. Acta Technica Jaurinensis, 2023, 16, 42-61.	1.1	0
1179	Anonymity Assurance Using Efficient Pseudonym Consumption in Internet of Vehicles. Sensors, 2023, 23, 5217.	3.8	3
1180	Vehicular Visible Light Communication for Intersection Management. Signals, 2023, 4, 457-477.	1.9	2
1181	Clustering-based re-routing framework for network traffic congestion avoidance on urban vehicular roads. Journal of Supercomputing, 0, , .	3.6	0
1182	Exploring Vanet Routing Using A Novel Geographic Routing Protocol. , 2023, , .		0
1183	Resource Allocation for Full-Duplex Vehicular Communications in Overlay and Underlay Modes. Lecture Notes in Electrical Engineering, 2023, , 207-215.	0.4	0
1184	Review Vehicular Ad hoc Networks Security Challenges and Future Technology. Wasit Journal of Computer and Mathematics Science, 2022, 1, 1-9.	0.9	3

#	ARTICLE	IF	CITATIONS
1185	Car Emergency Response System. International Journal of Advanced Research in Science, Communication and Technology, 0, , 685-691.	0.0	0
1186	DeeP-LCC: Data-EnablEd Predictive Leading Cruise Control in Mixed Traffic Flow. IEEE Transactions on Control Systems Technology, 2023, 31, 2760-2776.	5.2	8
1187	Machine learning-based predictive analytics and big data in the automotive sector. , 2023, , .		4
1188	Knowledge Mapping with CiteSpace, VOSviewer, and SciMAT on Intelligent Connected Vehicles: Road Safety Issue. Sustainability, 2023, 15, 12003.	3.2	4
1189	Reliable and Scalable Routing Under Hybrid SDVN Architecture: A Graph Learning Based Method. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 14022-14036.	8.0	0
1190	Graph-Based Distributed Control in Vehicular Communications Networks. , 2023, , .		0
1191	Performance Enhancement of Wireless Systems Using Hybrid RIS Technique. Lecture Notes in Electrical Engineering, 2023, , 163-173.	0.4	0
1192	Connectivity of Intelligent Reflecting Surface Assisted Network via Percolation Theory. IEEE Transactions on Cognitive Communications and Networking, 2023, , 1-1.	7.9	0
1193	NeoStarling: An Efficient and Scalable Collaborative Blockchain-Enabled Obstacle Mapping Solution for Vehicular Environments. Sensors, 2023, 23, 7500.	3.8	0
1194	Review and Perspectives on the Audit of Vehicle-to-Everything Communications. IEEE Access, 2023, 11, 81623-81645.	4.2	0
1195	A beginner's guide to infrastructure-less networking concepts. IET Networks, 0, , .	1.8	2
1196	Emerging Communication Technologies for V2X: Standards and Protocols. Power Systems, 2023, , 301-329.	0.5	0
1197	A Traceable Location Privacy Preserving Scheme for Data Collection in Vehicular Fog Computing. , 2023, , .		0
1198	Distributed Adaptive Platoon Secure Control on Unmanned Vehicles System for Lane Change Under Compound Attacks. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 12637-12647.	8.0	1
1199	Swarm Intelligence-Inspired Meta-Heuristics Hybrid Optimization for Multi-Constraint Routing in Vehicular Adhoc Networks. IETE Journal of Research, 0, , 1-21.	2.6	1
1200	Maximizing VANET performance in cluster head selection using Intelligent Fuzzy Bald Eagle optimization. Vehicular Communications, 2024, 45, 100660.	4.0	1
1201	A Non-Stationary Geometry-Based Channel Model for Vehicle-to- Vehicle Communications in Tunnel Environments. , 2023, , .		0
1202	From Prototypes to Products: The Need for Early Interdisciplinary Design. Studies in Applied Philosophy, Epistemology and Rational Ethics, 2023, , 87-103.	0.3	0

#	ARTICLE	IF	CITATIONS
1203	TCaSaCVN: A novel V2V communication scheme to improve traffic control and safety in vehicular cloud networks. International Journal of Communication Systems, 2024, 37, .	2.5	0
1204	Experimental Investigation of Angle Diversity Receiver for Vehicular VLC. , 2023, , .		1
1205	Joint optimization of energy and delay for computation offloading in vehicular edge computing. Peer-to-Peer Networking and Applications, 0, , .	3.9	0
1206	Geographic Routing Protocol Using Vanet Routing. WSEAS Transactions on Communications, 2023, 22, 117-124.	0.1	0
1207	Emergency Automobile Data Transmission with Ant Colony Optimization (ACO). Journal of Advances in Information Technology, 2023, 14, 1003-1011.	2.9	0
1208	A Polar Coding Approach to Unequal Message Protection. , 2023, , .		0
1209	Authenticity, and Approval Framework for Bus Transportation Based on Blockchain 2.0 Technology. Applied Sciences (Switzerland), 2023, 13, 11323.	2.5	0
1210	Resource Allocation for V2V-Enabled Vehicular Communications Based on Hypergraph Partition. , 2023, , .		0
1211	IRS-Assisted Vehicular Visible Light Communication Systems: Channel Modeling and Performance Analysis. Applied Optics, 0, , .	1.8	0
1212	Driving Performance Analysis for Connected Vehicle Platoons: Velocity Perturbation and Fuel Consumption. , 2023, , .		0
1213	Adaptive Model Aggregation for Decentralized Federated Learning in Vehicular Networks. , 2023, , .		0
1214	Multi-User Real-Time Controllable Connected Cars Testing Platform. , 2023, , .		0
1215	Smart Vehicle. , 2023, , 38-47.		0
1216	A review of electric vehicle charging management based on the communication between EV, RSU and CS. AIP Conference Proceedings, 2023, , .	0.4	0
1217	Integration of Blockchain in VANET Using gRPC for Privacy Preservation of Vehicles. SN Computer Science, 2024, 5, .	3.6	0
1218	A Routing in VANET Towards Smart Business Cities Using Optimization Techniques. Advances in Business Information Systems and Analytics Book Series, 2024, , 1-13.	0.4	0
1219	Security and Trust Management in the Internet of Vehicles (IoV): Challenges and Machine Learning Solutions. Sensors, 2024, 24, 368.	3.8	2
1220	Improved Spectral Efficiency Using Vehicular Visible Light Communication with 16-Bit DCO in OFDM. Studies in Computational Intelligence, 2024, , 159-168.	0.9	0

#	ARTICLE	IF	CITATIONS
1221	Modelling, Simulation, and Performance Analysis of Intra-Vehicular Heterogeneous Networks. Wireless Personal Communications, 2023, 133, 1693-1747.	2.7	0
1222	Basic Safety Message Generation Through a Video-Based Analytics for Potential Safety Applications. , 0, , .		0
1223	Resource Allocation in Vehicular Networks Based on Federated Multi-Agent Reinforcement Learning. , 2023, , .		0
1224	Agent-Based Modeling for Analysis of Cyber Attacks on the Intelligent Transportation System.. , 2023, , .		0
1225	Smart Automobile Ignition Locking System to Avoid Accidents Due to Alcohol Consumption.. , 2023, , .		0
1226	Cluster-based RSU deployment strategy for vehicular ad hoc networks with integration of communication, sensing and computing. , 2024, , .		0
1227	Intelligent High-Awareness and Channel-Efficient Adaptive Beaconing Based on Density and Distribution for Vehicular Networks. Electronics (Switzerland), 2024, 13, 891.	3.1	0
1228	Fuzzy logicâ€based trusted routing protocol using vehicular cloud networks for smart cities. Expert Systems, 0, , .	4.5	0
1229	Security Challenges of IoT-Enabled Vehicular Communications and Their Countermeasures. Internet of Things, 2024, , 351-368.	1.7	0