

Abdel-Halim, I.T. and Fahmy, H.M.A. (2018) ‘Prediction-based protocols for vehicular Ad Hoc Networks: Survey and taxonomy’, *Computer Networks*, 130, pp. 34–50. Available at: <https://doi.org/10.1016/j.comnet.2017.10.009>.

Abdullhaj Saif, A.A. and Kumar, K. (2022) ‘Enhance the performance of AODV routing protocol in mobile ad-hoc networks’, *Journal of Physics: Conference Series*, 2327(1). Available at: <https://doi.org/10.1088/1742-6596/2327/1/012057>.

Afzal, K. *et al.* (2021) ‘An Optimized and Efficient Routing Protocol Application for IoV’, *Mathematical Problems in Engineering*, 2021. Available at: <https://doi.org/10.1155/2021/9977252>.

Alsaleem, N.Y.A. (2023) ‘Network Traffic Prediction Based on Time Series Modeling تنبؤ حركة المرور على أساس نمذجة السلسلة الزمنية’, *ijcs*, 2023.64.8.36. Available at: <https://doi.org/10.24996/ijcs.2023.64.8.36>.

Arief, R., Anggoro, R. and Arunanto, F.X. (2016) ‘Implementation of Aodv Routing Protocol With Vehicle Movement Prediction in Vanet’, *Surabaya: Institut Teknologi Sepuluh November* [Preprint].

Arifiyan, G., Djanali, S. and Anggoro, R. (2018) ‘AODV-PNT Performance Study with Added Factor Number of Neighbor Nodes on VANET’, *IPTEK Journal of Proceedings Series*, 4(1), p. 69. Available at: <https://doi.org/10.12962/j23546026.y2018i1.3510>.

Ayache, N., Yahyaouy, A. and Abdelouahed, S.M. (2017) ‘An autonomous vehicular system based on multi-agents control: Architecture and behavior simulation’, *2017 Intelligent Systems and Computer Vision, ISCV 2017* [Preprint]. Available at: <https://doi.org/10.1109/ISACV.2017.8054916>.

Bali, R.S. and Kumar, N. (2016) ‘Learning Automata-assisted Predictive Clustering approach for Vehicular Cyber-Physical System’, *Computers and Electrical Engineering*, 52, pp. 82–97. Available at: <https://doi.org/10.1016/j.compeleceng.2015.09.007>.

Bamhdi, A.M. (2020) ‘Efficient dynamic-power AODV routing protocol based on node density’, *Computer Standards and Interfaces*, 70(November 2019), p. 103406. Available at:

Bayu, K. *et al.* (2024) 'THE PERFORMANCE ANALYSIS OF REACTIVE AND PROACTIVE ROUTING PROTOCOLS FOR V2V COMMUNICATION IN DYNAMIC TRAFFIC SIMULATION', *Jurnal Teknik Informatika*, 5(4), pp. 1277–1285. Available at: <http://jutif.if.unsoed.ac.id/index.php/jurnal/article/view/2237>.

Belamri, F., Boulfekhar, S. and Aissani, D. (2021) 'A survey on QoS routing protocols in Vehicular Ad Hoc Network (VANET)', *Telecommunication Systems*, 78(1), pp. 117–153. Available at: <https://doi.org/10.1007/s11235-021-00797-8>.

Bensaid, C. and Boukli-Hacene, S. (2019) 'AODV-based key management in VANET', *Advances in Systems Science and Applications*, 19(2), pp. 80–89. Available at: <https://doi.org/10.25728/assa.2019.19.2.707>.

Bhatia, A. *et al.* (2022) 'Networked control system with MANET communication and AODV routing', *Heliyon*, 8(11), p. e11678. Available at: <https://doi.org/10.1016/j.heliyon.2022.e11678>.

Bintoro, K., Priyambodo, T. and Mustofa, M. (2024) 'Optimizing AODV Routing Protocol to Improve Quality of Service Performance for V2V Communication', *2024 International Conference on Smart Computing, IoT and Machine Learning (SIML)*, 1(1), pp. 180–185. Available at: <https://doi.org/10.1109/SIML61815.2024.10578106>.

Bintoro, K.B.Y., Priyambodo, T.K. and Sardjono, Y.P. (2024) 'Smart AODV routing protocol strategies based on learning automata to improve V2V communication quality of service in VANET', *Kinetik: Game Technology, Information System, Computer Network, Computing, Electronics, and Control*, 4(3). Available at: <https://kinetik.umm.ac.id/index.php/kinetik/article/view/1969/124124397>.

Budhiraja, I. *et al.* (2024) 'An optimal resource assignment and mode selection for vehicular communication using proximal on-policy scheme', *Alexandria Engineering Journal*, 107(February), pp. 268–279. Available at: <https://doi.org/10.1016/j.aej.2024.07.010>.

Chen, D. *et al.* (2020) 'Robust H_∞ control of cooperative driving system with external disturbances and communication delays in the vicinity of traffic signals', *Physica A: Statistical Mechanics and its Applications*, 542, p. 123385. Available at:

Chtourou, A., Merdrignac, P. and Shagdar, O. (2020) ‘Context-Aware Communication for V2V Collision Avoidance Applications’, *2020 International Wireless Communications and Mobile Computing (IWCMC)* [Preprint]. IEEE. Available at: <https://doi.org/10.1109/iwcmc48107.2020.9148282>.

Daniel, A. *et al.* (2016) ‘Cooperative Intelligence of Vehicles for Intelligent Transportation Systems (ITS)’, *Wireless Personal Communications*, 87(2), pp. 461–484. Available at: <https://doi.org/10.1007/s11277-015-3078-7>.

Darabkh, K.A. *et al.* (2018) ‘Mobility aware and dual phase AODV protocol with adaptive hello messages over vehicular ad hoc networks’, *AEU - International Journal of Electronics and Communications*, 94(July), pp. 277–292. Available at: <https://doi.org/10.1016/j.aeue.2018.07.020>.

Dariush, M.S. *et al.* (2020) ‘Sub-Granting Radio Resources in Overlay D2D-Based V2V Communications’. Research Square. Available at: <https://doi.org/10.21203/rs.3.rs-38961/v1>.

Eckelmann, S. *et al.* (2017) ‘V2V-Communication, LiDAR System and Positioning Sensors for Future Fusion Algorithms in Connected Vehicles’, *Transportation Research Procedia*, 27, pp. 69–76. Available at: <https://doi.org/10.1016/j.trpro.2017.12.032>.

Eze, E.C. *et al.* (2016) ‘Advances in vehicular ad-hoc networks (VANETs): Challenges and road-map for future development’, *International Journal of Automation and Computing*, 13(1), pp. 1–18. Available at: <https://doi.org/10.1007/s11633-015-0913-y>.

Gadalla, A.Y. *et al.* (2022) ‘Design and implementation of a safety algorithm on V2V routing protocol’, *International Journal on Smart Sensing and Intelligent Systems*, 15(1), pp. 1–18. Available at: <https://doi.org/10.2478/IJSSIS-2022-0004>.

Ge, J.I. and Orosz, G. (2015) ‘Optimized connected cruise control with time delay’, *IFAC-PapersOnLine*, 28(12), pp. 468–473. Available at: <https://doi.org/10.1016/j.ifacol.2015.09.423>.

Guanetti, J., Kim, Y. and Borrelli, F. (2018) ‘Control of connected and automated vehicles: State of the art and future challenges’, *Annual Reviews in Control*, 45(March), pp. 18–40.

Hadi, M.Z.S., Amran, H. and R, N.P. (2010) ‘Analisis Performansi Routing AODV pada’, pp. 64–74.

Hasan, M.R. *et al.* (2018) ‘An Effective AODV-based Flooding Detection and Prevention for Smart Meter Network’, *Procedia Computer Science*, 129, pp. 454–460. Available at: <https://doi.org/10.1016/j.procs.2018.03.024>.

Hasanzadeh-Mofrad, M. and Rezvanian, A. (2018) ‘Learning Automata Clustering’, *Journal of Computational Science*, 24, pp. 379–388. Available at: <https://doi.org/10.1016/j.jocs.2017.09.008>.

Homaei, M.H. *et al.* (2021) ‘DDSLA-RPL: Dynamic Decision System Based on Learning Automata in the RPL Protocol for Achieving QoS’, *IEEE Access*, 9, pp. 63131–63148. Available at: <https://doi.org/10.1109/ACCESS.2021.3075378>.

Hota, L. *et al.* (2022) ‘A Performance Analysis of VANETs Propagation Models and Routing Protocols’, *Sustainability (Switzerland)*, 14(3), pp. 1–20. Available at: <https://doi.org/10.3390/su14031379>.

Khattak, Z.H. *et al.* (2020) ‘Cooperative lane control application for fully connected and automated vehicles at multilane freeways’, *Transportation Research Part C: Emerging Technologies*, 111(January), pp. 294–317. Available at: <https://doi.org/10.1016/j.trc.2019.11.007>.

Kim, J. *et al.* (2018) ‘A Position-based Resource Allocation Scheme for V2V Communication’, *Wireless Personal Communications*, 98(1), pp. 1569–1586. Available at: <https://doi.org/10.1007/s11277-017-4935-3>.

Kokkinoginis, Z. *et al.* (2019) ‘Tactical level decision-making for platoons of autonomous vehicles using auction mechanisms’, *IEEE Intelligent Vehicles Symposium, Proceedings*, 2019-June(Iv), pp. 1632–1638. Available at: <https://doi.org/10.1109/IVS.2019.8814122>.

Li, D. *et al.* (2019) ‘Challenges and countermeasures of interaction in autonomous vehicles’, *Science China Information Sciences*, 62(5), pp. 3–5. Available at: <https://doi.org/10.1007/s11432-018-9766-3>.

Li, Y. and He, C. (2018) 'Connected Autonomous Vehicle Platoon Control Considering Vehicle Dynamic Information', *Chinese Control Conference, CCC*, 2018-July, pp. 7834–7839. Available at: <https://doi.org/10.23919/ChiCC.2018.8483514>.

Liu, S.Z. and Hwang, S.H. (2021) 'Vehicle Anti-collision Warning System Based on V2V Communication Technology', *International Conference on ICT Convergence*, 2021-Octob, pp. 1348–1350. Available at: <https://doi.org/10.1109/ICTC52510.2021.9620948>.

Mezher, A.E., AbdulRazzaq, A.A. and Hassoun, R.K. (2023) 'A comparison of the performance of the ad hoc on-demand distance vector protocol in the urban and highway environment', *Indonesian Journal of Electrical Engineering and Computer Science*, 30(3), pp. 1509–1515. Available at: <https://doi.org/10.11591/ijeecs.v30.i3.pp1509-1515>.

Naskath, J. *et al.* (2022) 'Connectivity analysis of V2V communication with discretionary lane changing approach', *Journal of Supercomputing*, 78(4), pp. 5526–5546. Available at: <https://doi.org/10.1007/s11227-021-04086-8>.

Nebbou, T., Lehsaini, M. and Fouchal, H. (2019) 'Partial backwards routing protocol for VANETs', *Vehicular Communications*, 18, p. 100162. Available at: <https://doi.org/10.1016/j.vehcom.2019.100162>.

Pinto Neto, J.B. *et al.* (2020) 'An accurate cooperative positioning system for vehicular safety applications', *Computers and Electrical Engineering*, 83. Available at: <https://doi.org/10.1016/j.compeleceng.2020.106591>.

Priyambodo, T.K., Wijayanto, D. and Gitakarma, M.S. (2021) 'Performance optimization of MANET networks through routing protocol analysis', *Computers*, 10(1), pp. 1–13. Available at: <https://doi.org/10.3390/computers10010002>.

Saritha, V. *et al.* (2016) 'Learning automata-based channel reservation scheme to enhance QoS in vehicular adhoc networks', *2016 IEEE Global Communications Conference, GLOBECOM 2016 - Proceedings*, pp. 1–6. Available at: <https://doi.org/10.1109/GLOCOM.2016.7841949>.

Saritha, V. *et al.* (2017) 'Learning automata based optimized multipath routing using leapfrog algorithm for VANETs', *IEEE International Conference on Communications*, pp. 1–5. Available at: <https://doi.org/10.1109/ICC.2017.7997401>.

Sasongko, A.T. *et al.* (2020) 'The reliability of routing protocols as an important factor for road safety applications in VANET-based autonomous cars', *Journal of Computer Science*, 16(6), pp. 768–783. Available at: <https://doi.org/10.3844/JCSSP.2020.768.783>.

Sathya Narayanan, P. and Joice, C.S. (2019) 'Vehicle-to-Vehicle (V2V) Communication using Routing Protocols: A Review', *6th IEEE International Conference on Smart Structures and Systems*, ICSSS 2019 [Preprint]. Available at: <https://doi.org/10.1109/ICSSS.2019.8882828>.

Sharma, S. and Sharma, P. (2020) 'Comprehensive Study of Various Routing Protocols in VANET', (Iciccs), pp. 1272–1275. Available at: <https://doi.org/10.1109/iccs45141.2019.9065878>.

Shen, X., Fantacci, R. and Chen, S. (2020) 'Internet of Vehicles', *Proceedings of the IEEE*, 108(2), pp. 242–245. Available at: <https://doi.org/10.1109/JPROC.2020.2964107>.

Singh, P.K., Nandi, S.K. and Nandi, S. (2019) 'A tutorial survey on vehicular communication state of the art, and future research directions', *Vehicular Communications*, 18, p. 100164. Available at: <https://doi.org/10.1016/j.vehcom.2019.100164>.

Soni, A. and Hu, H. (2018) 'Formation control for a fleet of autonomous ground vehicles: A survey', *Robotics*, 7(4). Available at: <https://doi.org/10.3390/robotics7040067>.

Wahid, I. *et al.* (2018) 'State of the Art Routing Protocols in VANETs: A Review', *Procedia Computer Science*, 130, pp. 689–694. Available at: <https://doi.org/10.1016/j.procs.2018.04.121>.

Wang, T., Zhao, J. and Li, P. (2018) 'An extended car-following model at un-signalized intersections under V2V communication environment', *PLoS ONE*, 13(2), pp. 1–14. Available at: <https://doi.org/10.1371/journal.pone.0192787>.

Yasser, A., Zorkany, M. and Abdel Kader, N. (2017) 'VANET routing protocol for V2V implementation: A suitable solution for developing countries', *Cogent Engineering*, 4(1). Available at: <https://doi.org/10.1080/23311916.2017.1362802>.

Ye, H. (2019) 'Deep Reinforcement Learning Based Resource Allocation for V2V

Yelure, B.S. and Sonavane, S.P. (2019) 'QoS Evaluation of VANET Routing Protocol', *Proceedings of the 4th International Conference on Communication and Electronics Systems, ICCES 2019*, (Icces), pp. 813–818. Available at: <https://doi.org/10.1109/ICCES45898.2019.9002115>.

Zhou, Y.J. *et al.* (2020) 'Impact of CACC vehicles' cooperative driving strategy on mixed four-lane highway traffic flow', *Physica A: Statistical Mechanics and its Applications*, 540, p. 122721. Available at: <https://doi.org/10.1016/j.physa.2019.122721>.