

Sukru Yaren Gelbal

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Distributed Control of Cooperative Vehicular Platoon With Nonideal Communication Condition. IEEE Transactions on Vehicular Technology, 2020, 69, 8207-8220. | 6.3 | 53 |
| 2 | Cooperative ecological cruising using hierarchical control strategy with optimal sustainable performance for connected automated vehicles on varying road conditions. Journal of Cleaner Production, 2020, 275, 123056. | 9.3 | 30 |
| 3 | Collision Avoidance of Low Speed Autonomous Shuttles with Pedestrians. International Journal of Automotive Technology, 2020, 21, 903-917. | 1.4 | 26 |
| 4 | Parameter-Space Based Robust Gain-Scheduling Design of Automated Vehicle Lateral Control. IEEE Transactions on Vehicular Technology, 2019, 68, 9660-9671. | 6.3 | 23 |
| 5 | Cooperative Collision Avoidance in a Connected Vehicle Environment. , 0, , . | | 14 |
| 6 | Stability Design for the Homogeneous Platoon with Communication Time Delay. Automotive Innovation, 2020, 3, 101-110. | 5.1 | 11 |
| 7 | Online Quintic Path Planning of Minimum Curvature Variation with Application in Collision Avoidance. , 2018, , . | | 7 |
| 8 | Optimization Design of the Decentralized Multi-Vehicle Cooperative Controller for Freeway Ramp Entrance. International Journal of Automotive Technology, 2021, 22, 799-810. | 1.4 | 7 |
| 9 | Multi-Objective Digital PID Controller Design in Parameter Space and its Application to Automated Path Following. IEEE Access, 2021, 9, 46874-46885. | 4.2 | 4 |
| 10 | Connected UAV and CAV Coordination for Improved Road Network Safety and Mobility. , 0, , . | | 2 |
| 11 | Mobile Safety Application for Pedestrians Utilizing P2V Communication over Bluetooth. , 0, , . | | 2 |
| 12 | Fuel economy benefit analysis of pass-at-green (PaG) V2I application on urban routes with STOP signs. International Journal of Vehicle Design, 2020, 83, 258. | 0.3 | 0 |