

Kyoung-Dae Kim

List of Publications by Year in descending order

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11
papers

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1307594

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Optimization-Based Approach for Resilient Connected and Autonomous Intersection Crossing Traffic Control Under V2X Communication. IEEE Transactions on Intelligent Vehicles, 2022, 7, 354-367. | 12.7 | 16 |
| 2 | A Controller Switching Mechanism for Resilient Wireless Sensor-Actuator Networks. Applied Sciences (Switzerland), 2022, 12, 1841. | 2.5 | 3 |
| 3 | A Parallelization Algorithm for Real-Time Path Shortening of High-DOFs Manipulator. IEEE Access, 2021, 9, 123727-123741. | 4.2 | 3 |
| 4 | Driving Behavior Classification and Sharing System Using CNN-LSTM Approaches and V2X Communication. Applied Sciences (Switzerland), 2021, 11, 10420. | 2.5 | 1 |
| 5 | Autonomous and connected intersection crossing traffic management using discrete-time occupancies trajectory. Applied Intelligence, 2019, 49, 1621-1635. | 5.3 | 20 |
| 6 | A Mixed Integer Programming Approach for Autonomous and Connected Intersection Crossing Traffic Control. , 2018, , . | | 19 |
| 7 | A Genetic Algorithm Approach for Expedited Crossing of Emergency Vehicles in Connected and Autonomous Intersection Traffic. Journal of Advanced Transportation, 2017, 2017, 1-14. | 1.7 | 19 |
| 8 | Intelligent Intersection Management of Autonomous Traffic Using Discrete-Time Occupancies Trajectory. Journal of Traffic and Logistics Engineering, 2016, , . | 0.3 | 8 |
| 9 | Real-Time Middleware for Networked Control Systems and Application to an Unstable System. IEEE Transactions on Control Systems Technology, 2013, 21, 1898-1906. | 5.2 | 22 |
| 10 | Prolog to the Section on Cyber-Physical Systems. Proceedings of the IEEE, 2012, 100, 1285-1286. | 21.3 | 17 |
| 11 | Cyber-Physical Systems: A Perspective at the Centennial. Proceedings of the IEEE, 2012, 100, 1287-1308. | 21.3 | 502 |