

Xiao Liang

List of Publications by Year in descending order

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7
papers

181
citations

1684188
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1872680
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143
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | An equitable traffic signal control scheme at isolated signalized intersections using Connected Vehicle technology. Transportation Research Part C: Emerging Technologies, 2020, 110, 81-97. | 7.6 | 48 |
| 2 | Signal Timing Optimization with Connected Vehicle Technology: Platooning to Improve Computational Efficiency. Transportation Research Record, 2018, 2672, 81-92. | 1.9 | 45 |
| 3 | Joint Optimization of Signal Phasing and Timing and Vehicle Speed Guidance in a Connected and Autonomous Vehicle Environment. Transportation Research Record, 2019, 2673, 70-83. | 1.9 | 44 |
| 4 | A heuristic method to optimize generic signal phasing and timing plans at signalized intersections using Connected Vehicle technology. Transportation Research Part C: Emerging Technologies, 2020, 111, 156-170. | 7.6 | 25 |
| 5 | Traffic Signal Control Optimization in a Connected Vehicle Environment Considering Pedestrians. Transportation Research Record, 2020, 2674, 499-511. | 1.9 | 13 |
| 6 | Decentralized arterial traffic signal optimization with connected vehicle information. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2023, 27, 145-160. | 4.2 | 4 |
| 7 | A Scalable and Computationally Efficient Connected Vehicle-Based Signal Control Algorithm. , 2018, , . | | 2 |