

# Longxiang Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5693024/publications.pdf>

Version: 2024-02-01

8  
papers

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1684188  
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118  
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| # | ARTICLE  | IF   | CITATIONS |
|---|--|------|-----------|
| 1 | Anticipative and Predictive Control of Automated Vehicles in Communication-Constrained Connected Mixed Traffic. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7206-7219.    | 8.0  | 11        |
| 2 | Inverse Model Predictive Control (IMPC) Based Modeling and Prediction of Human-Driven Vehicles in Mixed Traffic. IEEE Transactions on Intelligent Vehicles, 2021, 6, 501-512.                    | 12.7 | 9         |
| 3 | Multimodel Approach to Personalized Autonomous Adaptive Cruise Control. IEEE Transactions on Intelligent Vehicles, 2019, 4, 321-330.   | 12.7 | 25        |
| 4 | Modeling, Learning and Prediction of Longitudinal Behaviors of Human-Driven Vehicles by Incorporating Internal Human Decision Making Process using Inverse Model Predictive Control. , 2019, , . |      | 5         |
| 5 | Hands-Free Maneuvers of Robotic Vehicles via Human Intentions Understanding Using Wearable Sensing. Journal of Robotics, 2018, 2018, 1-10.   | 0.9  | 7         |
| 6 | Automatic Sensor Correction of Autonomous Vehicles by Human-Vehicle Teaching-and-Learning. IEEE Transactions on Vehicular Technology, 2018, 67, 8085-8099.                                       | 6.3  | 23        |
| 7 | Modeling and Characterization of Driving Styles for Adaptive Cruise Control in Personalized Autonomous Vehicles. , 2017, , .   |      | 2         |
| 8 | Determining Headway for Personalized Autonomous Vehicles by Learning from Human Driving Demonstration. , 2017, , .   |      | 2         |