

Zejian Deng

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

261
citations

1478505

6
h-index

1588992

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10
all docs

10
docs citations

10
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	A Probabilistic Model for Driving-Style-Recognition-Enabled Driver Steering Behaviors. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1838-1851.	9.3	28
2	Dimensionless Model-Based System Tracking Via Augmented Kalman Filter for Multiscale Unmanned Ground Vehicles. IEEE/ASME Transactions on Mechatronics, 2021, 26, 600-610.	5.8	5
3	A Learning Control Method of Automated Vehicle Platoon at Straight Path with DDPG-Based PID. Electronics (Switzerland), 2021, 10, 2580.	3.1	13
4	Heuristics-oriented overtaking decision making for autonomous vehicles using reinforcement learning. IET Electrical Systems in Transportation, 2020, 10, 417-424.	2.4	17
5	Interaction-Aware Cut-in Behavior Prediction and Risk Assessment for Autonomous Driving. IFAC-PapersOnLine, 2020, 53, 656-663.	0.9	6
6	Trajectory Planning and Tracking for Autonomous Vehicle Based on State Lattice and Model Predictive Control. IEEE Intelligent Transportation Systems Magazine, 2019, 11, 29-40.	3.8	81
7	Predictive Freeway Overtaking Strategy for Automated Vehicles Using Deep Reinforcement Learning. , 2019, , .		12
8	Curve safe speed model considering driving style based on driver behaviour questionnaire. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 65, 536-547.	3.7	45
9	Online estimation for vehicle center of gravity height based on unscented Kalman filter. , 2017, , .		11
10	Curve speed model for driver assistance based on driving style classification. IET Intelligent Transport Systems, 2017, 11, 501-510.	3.0	43