

# Zejian Deng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3719621/publications.pdf>

Version: 2024-02-01

10  
papers

261  
citations

1478505

6  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

193  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Curve speed model for driver assistance based on driving style classification. IET Intelligent Transport Systems, 2017, 11, 501-510.	3.0	43
4	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
5	Heuristics-oriented overtaking decision making for autonomous vehicles using reinforcement learning. IET Electrical Systems in Transportation, 2020, 10, 417-424.	2.4	17
6	A Learning Control Method of Automated Vehicle Platoon at Straight Path with DDPG-Based PID. Electronics (Switzerland), 2021, 10, 2580.	3.1	13
7	Predictive Freeway Overtaking Strategy for Automated Vehicles Using Deep Reinforcement Learning. , 2019, , .		12
8	Online estimation for vehicle center of gravity height based on unscented Kalman filter. , 2017, , .		11
9	Interaction-Aware Cut-in Behavior Prediction and Risk Assessment for Autonomous Driving. IFAC-PapersOnLine, 2020, 53, 656-663.	0.9	6
10	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