Hayoung Kim

List of Publications by Year
in descending order

12 papers	191 citations	1937685 4 h-index	2272923 4 g-index
12 all docs	12 docs citations	12 times ranked	200 citing authors

#	Article	IF	Citations
1	Deep Distributional Reinforcement Learning Based High-Level Driving Policy Determination. IEEE Transactions on Intelligent Vehicles, 2019, 4, 416-424.	12.7	49
2	Deep Q Learning Based High Level Driving Policy Determination. , 2018, , .		30
3	Road Surface Classification Using a Deep Ensemble Network with Sensor Feature Selection. Sensors, 2018, 18, 4342.	3.8	25
4	Multi-Head Attention based Probabilistic Vehicle Trajectory Prediction. , 2020, , .		22
5	Intervention minimized semi-autonomous control using decoupled model predictive control. , 2017, , .		18
6	Estimating the Maximum Road Friction Coefficient with Uncertainty Using Deep Learning. , 2018, , .		14
7	Anomaly Monitoring Framework in Lane Detection With a Generative Adversarial Network. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1603-1615.	8.0	13
8	Local trajectory planning and control for autonomous vehicles using the adaptive potential field. , 2017, , .		7
9	A Hierarchical Motion Planning Framework for Autonomous Driving in Structured Highway Environments. IEEE Access, 2022, 10, 20102-20117.	4.2	7
10	Trajectory Planning for Autonomous Highway Driving Using the Adaptive Potential Field. , 2018, , .		4
11	Intention Aware Motion Planning with Model Predictive Control in Highway Merge Scenario. , 0, , .		2
12	Probabilistic Vehicle Trajectory Prediction Considering Inter-vehicle Interaction Based on Multi-head Attention Architecture. Transactions of the Korean Society of Automotive Engineers, 2020, 28, 645-652.	0.3	0