

# Tongtong Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/830270/publications.pdf>

Version: 2024-02-01

17  
papers

242  
citations

2258059

3  
h-index

2272923

4  
g-index

17  
all docs

17  
docs citations

17  
times ranked

259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gaussian process regression-based robust free space detection for autonomous vehicle by 3-D point cloud and 2-D appearance information fusion. International Journal of Advanced Robotic Systems, 2017, 14, 172988141771705.	2.1	9
2	Road marking detection based on structured learning. , 2016, , .		0
3	Likelihood-Field-Model-Based Dynamic Vehicle Detection and Tracking for Self-Driving. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 3142-3158.	8.0	50
4	Likelihood-field-model-based vehicle tracking with Velodyne. , 2015, , .		1
5	Velodyne-based curb detection up to 50 meters away. , 2015, , .		27
6	Likelihood-Field-Model-Based Dynamic Vehicle Detection with Velodyne. , 2015, , .		3
7	Sparse Gaussian process regression based ground segmentation for autonomous land vehicles. , 2015, , .		5
8	3D LIDAR-based ground segmentation with $l_1$ regularization. , 2014, , .		0
9	Gaussian-Process-Based Real-Time Ground Segmentation for Autonomous Land Vehicles. Journal of Intelligent and Robotic Systems: Theory and Applications, 2014, 76, 563-582.	3.4	96
10	Curb Detection Using 2D Range Data in a Campus Environment. , 2013, , .		5
11	Vehicle detection and tracking with 2D laser range finders. , 2013, , .		9
12	Camera and lidar fusion for road intersection detection. , 2012, , .		6
13	Local Path Planning for Autonomous Land Vehicle Based on Navigation Function. , 2011, , .		5
14	Prediction of unintended lane departure based on detection of lane boundary. , 2011, , .		2
15	LIDAR-based Long Range Road Intersection Detection. , 2011, , .		21
16	Integrating topological map for autonomous navigation in unstructured environments. , 2011, , .		0
17	Lateral Control for Autonomous Parking System with Fractional Order Controller. Journal of Software, 2011, 6, .	0.6	3