

Zhilu Chen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

362
citations

2258059

3
h-index

2550090

3
g-index

11
all docs

11
docs citations

11
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	End-to-end learning for lane keeping of self-driving cars. , 2017, , .		169
2	Pedestrian Detection for Autonomous Vehicle Using Multi-Spectral Cameras. IEEE Transactions on Intelligent Vehicles, 2019, 4, 211-219.	12.7	51
3	Accurate and Reliable Detection of Traffic Lights Using Multiclass Learning and Multiobject Tracking. IEEE Intelligent Transportation Systems Magazine, 2016, 8, 28-42.	3.8	34
4	A fast deep learning system using GPU. , 2014, , .		28
5	Accelerating leveled fully homomorphic encryption using GPU. , 2014, , .		25
6	A GPU-based real-time traffic sign detection and recognition system. , 2014, , .		17
7	A system-on-chip FPGA design for real-time traffic signal recognition system. , 2016, , .		14
8	Characterization of Cell Boundary and Confocal Effects Improves Quantitative FRAP Analysis. Biophysical Journal, 2018, 114, 1153-1164.	0.5	12
9	A pipeline architecture for traffic sign classification on an FPGA. , 2015, , .		9
10	Accelerating a novel particle-based fluid simulation on the GPU. , 2013, , .		2
11	A GPU accelerated virtual scanning confocal microscope. , 2014, , .		1