

Dong-Sung Pae

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

186
citations

1683934
5
h-index

1588896
8
g-index

14
all docs

14
docs citations

14
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Emotion Recognition Based on Single PPG Signal with Convolutional Neural Network. Applied Sciences (Switzerland), 2019, 9, 3355.	1.3	60
2	A Real-Time Obstacle Avoidance Method for Autonomous Vehicles Using an Obstacle-Dependent Gaussian Potential Field. Journal of Advanced Transportation, 2018, 2018, 1-15.	0.9	36
3	Sensor fusion for vehicle tracking with camera and radar sensor. , 2017, , .		27
4	Obstacle Avoidance Path Planning based on Output Constrained Model Predictive Control. International Journal of Control, Automation and Systems, 2019, 17, 2850-2861.	1.6	27
5	Path Planning Based on Obstacle-Dependent Gaussian Model Predictive Control for Autonomous Driving. Applied Sciences (Switzerland), 2021, 11, 3703.	1.3	13
6	Vehicle detection framework for challenging lighting driving environment based on feature fusion method using adaptive neuro-fuzzy inference system. International Journal of Advanced Robotic Systems, 2018, 15, 172988141877054.	1.3	8
7	Accurate pinch detection using recent finite measurements for automotive anti-pinch sunroof systems. International Journal of Control, Automation and Systems, 2017, 15, 2443-2447.	1.6	4
8	A vehicle detection using selective multi-stage features in convolutional neural networks. , 2017, , .		4
9	Pattern matching for industrial object recognition using geometry-based vector mapping descriptors. Pattern Analysis and Applications, 2018, 21, 1167-1183.	3.1	3
10	Advanced digital image stabilization using similarity-constrained optimization. Multimedia Tools and Applications, 2019, 78, 16489-16506.	2.6	3
11	Improvement of driver health care system based on a contact-type bio sensor using an IMU sensor. , 2016, , .		1
12	A binary based HMAX model for object recognition. , 2015, , .		0
13	Dense flow field algorithm using binary descriptor and modified energy function. , 2017, , .		0
14	Hybrid Particle/Extended Finite Memory Filter to Improve Target Tracking Accuracy of Radar Measurement in Harsh Environments. Journal of Electrical Engineering and Technology, 2019, 14, 1749-1758.	1.2	0