

CITATION REPORT

List of articles citing

Convolutional Neural Network-Based Classification of Drivers' Emotion during Aggressive and Smooth Driving Using Multi-Modal Camera Sensors

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#	Paper	IF	Citations
34	. 2019,		1
33	An End-to-End Deep Neural Network for Autonomous Driving Designed for Embedded Automotive Platforms. <i>Sensors</i> , 2019, 19,	3.8	42
32	A Review of Psychophysiological Measures to Assess Cognitive States in Real-World Driving. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 57	3.3	105
31	Statistical Approach for Subject's State Identification by Face and Neck Thermograms with Small Training Sample. <i>IFAC-PapersOnLine</i> , 2019, 52, 46-51	0.7	0
30	Physiological Sensors Based Emotion Recognition While Experiencing Tactile Enhanced Multimedia. <i>Sensors</i> , 2020, 20,	3.8	15
29	Detecting Human Driver Inattentive and Aggressive Driving Behavior Using Deep Learning: Recent Advances, Requirements and Open Challenges. <i>IEEE Access</i> , 2020, 8, 105008-105030	3.5	24
28	Deep Learning-Based Drivers Emotion Classification System in Time Series Data for Remote Applications. <i>Remote Sensing</i> , 2020, 12, 587	5	28
27	Improved Deep CNN with Parameter Initialization for Data Analysis of Near-Infrared Spectroscopy Sensors. <i>Sensors</i> , 2020, 20,	3.8	10
26	Driver behavior detection and classification using deep convolutional neural networks. <i>Expert Systems With Applications</i> , 2020, 149, 113240	7.8	64
25	Explainable Model Selection of a Convolutional Neural Network for Driver's Facial Emotion Identification. <i>Lecture Notes in Computer Science</i> , 2021, 699-713	0.9	1
24	Driver drowsiness detection system using hybrid approach of convolutional neural network and bidirectional long short term memory (CNN_BILSTM). <i>Materials Today: Proceedings</i> , 2021, 45, 2897-2901 ^{1.4}	1.4	1
23	Visual-Attribute-Based Emotion Regulation of Angry Driving Behaviours. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2021, 0-0	2.6	5
22	A Methodological Review on Prediction of Multi-Stage Hypovigilance Detection Systems Using Multimodal Features. <i>IEEE Access</i> , 2021, 9, 47530-47564	3.5	4
21	Driver State Detection Based on Cardiovascular System and Driver Reaction Information Using a Graphical Model. <i>Journal of Transportation Technologies</i> , 2021, 11, 139-156	0.8	0
20	CNN model applied on SNP protein sequences for intestinal cancer early detection. 2021,		
19	Sensor and Sensor Fusion Technology in Autonomous Vehicles: A Review. <i>Sensors</i> , 2021, 21,	3.8	55
18	The Moderating Effects of Emotions on the Relationship Between Self-Reported Individual Traits and Actual Risky Driving Behaviors. <i>Psychology Research and Behavior Management</i> , 2021, 14, 423-447	3.8	0

17	Toward an Intelligent Driving Behavior Adjustment Based on Legal Personalized Policies Within the Context of Connected Vehicles. <i>Frontiers in Built Environment</i> , 7,	2.2	
16	Touching the Limits of a Dataset in Video-Based Facial Expression Recognition. 2021 ,		1
15	DSA-GAN: Driving Style Attention Generative Adversarial Network for Vehicle Trajectory Prediction. 2021 ,		
14	Deep learning inspired intelligent embedded system for haptic rendering of facial emotions to the blind. <i>Neural Computing and Applications</i> , 1	4.8	1
13	ET-CycleGAN: Generating Thermal Images from Images in the Visible Spectrum for Facial Emotion Recognition. 2020 ,		1
12	Driving Style-Based Conditional Variational Autoencoder for Prediction of Ego Vehicle Trajectory. <i>IEEE Access</i> , 2021 , 9, 169348-169356	3.5	0
11	Driver's Visual Attention Characteristics and Their Emotional Influencing Mechanism under Different Cognitive Tasks.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	0
10	A smart analysis of driver fatigue and drowsiness detection using convolutional neural networks. <i>Multimedia Tools and Applications</i> ,	2.5	0
9	Detecting aggressive driving patterns in drivers using vehicle sensor data. <i>Transportation Research Interdisciplinary Perspectives</i> , 2022 , 14, 100625	7.3	1
8	A comprehensive review of facial expression recognition techniques.		
7	Happiness detection with facial physiological measurement from hyperspectral imaging. 2022 , 103, 108332		
6	Driver Fatigue and Distracted Driving Detection Using Random Forest and Convolutional Neural Network. 2022 , 12, 8674		0
5	A Review on Existing Technologies for the Identification and Measurement of Abnormal Driving.		0
4	Deep learning method for risk identification of autonomous bus operation considering image data augmentation strategies. 2023 , 24, 232-236		0
3	A Human-Adaptive Model for User Performance and Fatigue Evaluation during Gaze-Tracking Tasks. 2023 , 12, 1130		0
2	Driver Behavior Modeling Toward Autonomous Vehicles: Comprehensive Review. 2023 , 11, 22788-22821		0
1	Deep CNN Based Approach for Driver Drowsiness Detection. 2022 ,		0