

Klas Ihme

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

389
citations

840776

11
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	Activity and Stress Estimation Based on <i>OpenPose</i> and Electrocardiogram for User-Focused Level-4-Vehicles. <i>IEEE Transactions on Human-Machine Systems</i> , 2022, 52, 538-546.	3.5	5
2	Understanding the Multidimensional and Dynamic Nature of Facial Expressions Based on Indicators for Appraisal Components as Basis for Measuring Drivers' Fear. <i>Frontiers in Psychology</i> , 2021, 12, 622433.	2.1	2
3	Evaluation of a Human-Machine Interface for Motion Sickness Mitigation Utilizing Anticipatory Ambient Light Cues in a Realistic Automated Driving Setting. <i>Information (Switzerland)</i> , 2021, 12, 176.	2.9	10
4	An Integrated Model for User State Detection of Subjective Discomfort in Autonomous Vehicles. <i>Vehicles</i> , 2021, 3, 764-777.	3.1	2
5	Towards affect-aware vehicles for increasing safety and comfort: recognising driver emotions from audio recordings in a realistic driving study. <i>IET Intelligent Transport Systems</i> , 2020, 14, 1265-1277.	3.0	12
6	Towards User-Focused Vehicle Automation: The Architectural Approach of the AutoAkzept Project. <i>Lecture Notes in Computer Science</i> , 2020, , 15-30.	1.3	9
7	Facing Driver Frustration: Towards Real-Time In-Vehicle Frustration Estimation Based on Video Streams of the Face. <i>Communications in Computer and Information Science</i> , 2020, , 349-356.	0.5	4
8	Discriminating drivers' emotions through the dimension of power: Evidence from facial infrared thermography and peripheral physiological measurements. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 63, 135-143.	3.7	21
9	Recognizing Frustration of Drivers From Face Video Recordings and Brain Activation Measurements With Functional Near-Infrared Spectroscopy. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 327.	2.0	37
10	Assessing the Driver's Current Level of Working Memory Load with High Density Functional Near-infrared Spectroscopy: A Realistic Driving Simulator Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 167.	2.0	67
11	Observer-Rated Alexithymia and its Relationship with the Five-Factor-Model of Personality. <i>Psychologica Belgica</i> , 2016, 56, 118-134.	1.9	16
12	Implicit affectivity and rapid processing of affective body language: An fMRI study. <i>Scandinavian Journal of Psychology</i> , 2015, 56, 545-552.	1.5	15
13	Automatic emotion processing as a function of trait emotional awareness: an fMRI study. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 680-689.	3.0	28
14	Alexithymic features and the labeling of brief emotional facial expressions - An fMRI study. <i>Neuropsychologia</i> , 2014, 64, 289-299.	1.6	44
15	Assessing alexithymia and emotional awareness: Relations between measures in a German non-clinical sample. <i>Comprehensive Psychiatry</i> , 2014, 55, 952-959.	3.1	14
16	Alexithymia is related to differences in gray matter volume: A voxel-based morphometry study. <i>Brain Research</i> , 2013, 1491, 60-67.	2.2	56
17	Adult attachment anxiety is associated with enhanced automatic neural response to positive facial expression. <i>Neuroscience</i> , 2012, 220, 149-157.	2.3	44