

Shiyan Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3545977/publications.pdf>

Version: 2024-02-01

11
papers

73
citations

1684188

5
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

52
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Distraction in On-Road Level 2 Automated Driving: Impacts on Glance Behavior and Takeover Performance. <i>Human Factors</i> , 2021, 63, 1485-1497.	3.5	15
2	A First Investigation of Truck Drivers'™ Preferences and Behaviors using a Prototype Cooperative Adaptive Cruise Control System. <i>Transportation Research Record</i> , 2018, 2672, 39-48.	1.9	13
3	Analysis of Gaze Behavior to Measure Cognitive Distraction in Real-World Driving. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 1944-1948.	0.3	10
4	Patterns of Sequential Off-Road Glances Indicate Levels of Distraction in Automated Driving. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 2056-2060.	0.3	7
5	Supporting Multitracking Performance With Novel Visual, Auditory, and Tactile Displays. <i>IEEE Transactions on Human-Machine Systems</i> , 2020, 50, 79-88.	3.5	6
6	The Impacts of Temporal Variation and Individual Differences in Driver Cognitive Workload on ECG-Based Detection. <i>Human Factors</i> , 2021, 63, 772-787.	3.5	6
7	Evaluating Driver Features for Cognitive Distraction Detection and Validation in Manual and Level 2 Automated Driving. <i>Human Factors</i> , 2022, 64, 746-759.	3.5	5
8	Cognitive Efficiency in Human-Machine Systems: Metrics of Display Effectiveness for Supporting Multitask Performance. <i>Journal of Cognitive Engineering and Decision Making</i> , 2018, 12, 153-169.	2.3	3
9	A Bayesian regression analysis of truck drivers'™ use of cooperative adaptive cruise control (CACC) for platooning on California highways. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2023, 27, 80-91.	4.2	3
10	Beyond gaze fixation: Modeling peripheral vision in relation to speed, Tesla Autopilot, cognitive load, and age in highway driving. <i>Accident Analysis and Prevention</i> , 2022, 171, 106670.	5.7	3
11	Drivers Glance Like Lizards during Cell Phone Distraction in Assisted Driving. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2021, 65, 1410-1414.	0.3	2