

Yiqi Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

400
citations

933447

10
h-index

794594

19
g-index

33
all docs

33
docs citations

33
times ranked

318
citing authors

#	ARTICLE	IF	CITATIONS
1	Driver-Automated Vehicle Interaction in Mixed Traffic: Types of Interaction and Drivers' Driving Styles. <i>Human Factors</i> , 2024, 66, 544-561.	3.5	8
2	Effects of Non-Speech Auditory Cues on Control Transition Behaviors in Semi-Automated Vehicles: Empirical Study, Modeling, and Validation. <i>International Journal of Human-Computer Interaction</i> , 2022, 38, 185-200.	4.8	10
3	A Cognitive Computational Model of Driver Warning Response Performance in Connected Vehicle Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 14790-14805.	8.0	9
4	Assessing the potential impacts of connected vehicle systems on Drivers' situation awareness and driving performance. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2022, 84, 177-193.	3.7	7
5	The effects of takeover request lead time on drivers' situation awareness for manually exiting from freeways: A web-based study on level 3 automated vehicles. <i>Accident Analysis and Prevention</i> , 2022, 168, 106593.	5.7	20
6	Computational Modeling of Driving Behaviors: Challenges and Approaches. , 2021, , .		1
7	Drivers trust, acceptance, and takeover behaviors in fully automated vehicles: Effects of automated driving styles and drivers' driving styles. <i>Accident Analysis and Prevention</i> , 2021, 159, 106238.	5.7	35
8	The Relationship Between Takeover Request Lead Time and Drivers' Situation Awareness for Freeway Exiting in Conditionally Automated Driving. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2021, 65, 1385-1389.	0.3	0
9	The influential factors on nurses' situation awareness in inpatient settings: A literature review. <i>Human Factors in Healthcare</i> , 2021, 1, 100006.	1.5	4
10	Investigating the Effects of Automated Driving Styles and Drivers' Driving Styles on Driver Trust, Acceptance, and Take Over Behaviors. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2020, 64, 2001-2005.	0.3	12
11	The Prediction of Collisions in Connected Vehicle Systems with A Long Short-Term Memory Model. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2020, 64, 775-779.	0.3	2
12	Head-up Display Graphic Warning System Facilitates Simulated Driving Performance. <i>International Journal of Human-Computer Interaction</i> , 2019, 35, 796-803.	4.8	14
13	Modeling the effects of auditory display takeover requests on drivers' behavior in autonomous vehicles. , 2019, , .		8
14	The effects of warning characteristics on driver behavior in connected vehicles systems with missed warnings. <i>Accident Analysis and Prevention</i> , 2019, 124, 138-145.	5.7	21
15	The Effects of Warning Lead Time on Situation Awareness in Connected Vehicle Systems. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 2024-2024.	0.3	0
16	Modeling the Effects of Warning Lead Time, Warning Reliability and Warning Style on Human Performance Under Connected Vehicle Settings. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 701-701.	0.3	6
17	Effects of Warning Characteristics on Driver Performance in Connected Vehicle Systems with Missing Warnings. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 1827-1827.	0.3	0
18	A human-in-the-loop wireless warning message notification systems model and its application in connected vehicle systems. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2017, 21, 148-166.	4.2	4

#	ARTICLE	IF	CITATIONS
19	Development and validation of a model to predict blood alcohol concentrations: Updating the NHTSA equation. <i>Addictive Behaviors</i> , 2017, 71, 46-53.	3.0	4
20	Drinking and driving behavior at stop signs and red lights. <i>Accident Analysis and Prevention</i> , 2017, 104, 10-17.	5.7	14
21	Learn to Integrate Mathematical Models in Human Performance Modeling. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2017, 61, 776-780.	0.3	5
22	Mathematical Modeling of the Effects of Speech Warning Characteristics on Human Performance and Its Application in Transportation Cyberphysical Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016, 17, 3062-3074.	8.0	20
23	Psychometric examination and validation of the aggressive driving scale (ADS). <i>Aggressive Behavior</i> , 2016, 42, 313-323.	2.4	13
24	Effects of Field Dependence-Independence and Frame of Reference on Navigation Performance Using Multi-dimensional Electronic Maps. <i>Personality and Individual Differences</i> , 2016, 97, 289-299.	2.9	11
25	Effects of lead time of verbal collision warning messages on driving behavior in connected vehicle settings. <i>Journal of Safety Research</i> , 2016, 58, 89-98.	3.6	33
26	Addressing the Safety of Transportation Cyber-Physical Systems: Development and Validation of a Verbal Warning Utility Scale for Intelligent Transportation Systems. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-13.	1.1	1
27	Online Prediction of Driver Distraction Based on Brain Activity Patterns. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2015, 16, 136-150.	8.0	64
28	Modeling the Effect of Loudness and Semantics of Speech Warnings on Human Performances. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014, 58, 817-821.	0.3	2
29	The Effect of Lead Time of Collision Warning Messages on Driver Performance. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014, 58, 2088-2092.	0.3	4
30	Psychometric Examination and Validation of the Aggressive Driving Scale (ADS). <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014, 58, 2131-2135.	0.3	1
31	The effects of sunshields on red light running behavior of cyclists and electric bike riders. <i>Accident Analysis and Prevention</i> , 2013, 52, 210-218.	5.7	65
32	Development and Validation of Warning Message Utility Scale (WMUS). <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 1179-1183.	0.3	2