

Yi-Ching Lee

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

877
citations

706676

14
h-index

563245

28
g-index

62
all docs

62
docs citations

62
times ranked

976
citing authors

#	ARTICLE	IF	CITATIONS
1	Reviewing the User-Centered Design Process for a Comprehensive Gastroesophageal Reflux Disease (GERD) App. International Journal of Environmental Research and Public Health, 2022, 19, 1128.	1.2	3
2	Detection of driver health condition by monitoring driving behavior through machine learning from observation. Expert Systems With Applications, 2022, 199, 117167.	4.4	5
3	CPM: A general feature dependency pattern mining framework for contrast multivariate time series. Pattern Recognition, 2021, 112, 107711.	5.1	2
4	Individual differences predict drivers hazard perception skills. International Journal of Human Factors and Ergonomics, 2021, 8, 195.	0.2	4
5	User Experience and Analysis of an Autonomous Shuttle Service. , 2021, , .		0
6	Information and Communications Technology (ICT) Usage during COVID-19: Motivating Factors and Implications. International Journal of Environmental Research and Public Health, 2021, 18, 3571.	1.2	37
7	Hazard Perceptionâ€™Response: A Theoretical Framework to Explain Driversâ€™ Interactions with Roadway Hazards. Safety, 2021, 7, 29.	0.9	4
8	Key factors associated with Australian parentsâ€™ willingness to use an automated vehicle to transport their unaccompanied children. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 78, 137-152.	1.8	12
9	Attributions of social interactions: Driving among self-driving vs. conventional vehicles. Technology in Society, 2021, 66, 101631.	4.8	20
10	Commuter types identified using clustering and their associations with source-specific PM2.5. Environmental Research, 2021, 200, 111419.	3.7	2
11	Individual differences predict drivers hazard perception skills. International Journal of Human Factors and Ergonomics, 2021, 8, 1.	0.2	0
12	User Experience and Analysis of an Autonomous Shuttle Service. , 2021, , .		1
13	Users' mental models for computer-mediated communication: Theorizing emerging technology and behavior in eHealth applications. Human Behavior and Emerging Technologies, 2020, 2, 354-366.	2.5	4
14	Estimating exposure to traffic-related PM2.5 for women commuters using vehicle and personal monitoring. Environmental Research, 2020, 187, 109644.	3.7	7
15	Are parents ready to use autonomous vehicles to transport children? Concerns and safety features. Journal of Safety Research, 2020, 72, 287-297.	1.7	22
16	Contrast Pattern Mining in Paired Multivariate Time Series of a Controlled Driving Behavior Experiment. ACM Transactions on Spatial Algorithms and Systems, 2020, 6, 1-28.	1.1	8
17	Judging Intentionality in Ambiguous Driving Scenarios: Did they do that to Me or just a Mistake?. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 1515-1519.	0.2	0
18	Contrast Feature Dependency Pattern Mining for Controlled Experiments with Application to Driving Behavior. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	A Review on Measuring Affect with Practical Sensors to Monitor Driver Behavior. <i>Safety</i> , 2019, 5, 72.	0.9	11
20	The Consequences of Purposefulness And Human-Likeness on Trust Repair Attempts Made by Self-Driving Vehicles. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 222-226.	0.2	9
21	Attitudes on technological, social, and behavioral economic strategies to reduce cellphone use among teens while driving. <i>Traffic Injury Prevention</i> , 2018, 19, 569-576.	0.6	22
22	A new approach for assessing and training drivers' speed management. <i>Accident Analysis and Prevention</i> , 2018, 111, 266-270.	3.0	1
23	Instruction-prompted objective behaviors as proxy for subjective measures in a driving simulator. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 55, 58-66.	1.8	10
24	Who Would Put Their Child Alone In An Autonomous Vehicle? Preliminary Look At Gender Differences. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 256-259.	0.2	14
25	Parents' perspectives on using autonomous vehicles to enhance children's mobility. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 96, 415-431.	3.9	71
26	Design of an experimental protocol to examine medication non-adherence among young drivers diagnosed with ADHD: A driving simulator study. <i>Contemporary Clinical Trials Communications</i> , 2018, 11, 149-155.	0.5	6
27	Adolescent and adult drivers' mobile phone use while driving with different interlocutors. <i>Accident Analysis and Prevention</i> , 2017, 104, 18-23.	3.0	15
28	Teen Drivers: Approach for Teaching Speed Management and Peer Passenger Interactions. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2017, 61, 881-885.	0.2	0
29	Stress induction techniques in a driving simulator and reactions from newly licensed drivers. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2016, 42, 44-55.	1.8	20
30	Preliminary research developing a theory of cell phone distraction and social relationships. <i>Accident Analysis and Prevention</i> , 2016, 86, 155-160.	3.0	18
31	Evaluation of a Risk Awareness Perception Training Program on Novice Teen Driver Behavior at Left-Turn Intersections. <i>Transportation Research Record</i> , 2015, 2516, 15-21.	1.0	7
32	Simulated Driving Assessment (SDA) for teen drivers: results from a validation study. <i>Injury Prevention</i> , 2015, 21, 145-152.	1.2	15
33	Techniques for Reducing Speeding Beyond Licensure: Young Drivers' Preferences. , 2015, , .		0
34	Adolescence, Attention Allocation, and Driving Safety. <i>Journal of Adolescent Health</i> , 2014, 54, S6-S15.	1.2	76
35	Relationship between frustration justification and vehicle control behaviors – A simulator study. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014, 58, 2235-2239.	0.2	7
36	Assessing Driver-Passenger Interactions in a Simulated Driving Environment. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014, 58, 2028-2032.	0.2	0

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37	Progression of hazard perception knowledge, licensure status and driving experience among teen drivers. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 2136-2140.	0.2	1
38	Case-Based Prediction of Teen Driver Behavior and Skill. Lecture Notes in Computer Science, 2014, , 375-389.	1.0	4
39	What is stressful on the road? Analysis on aggression-inducing traffic situations through self-report. Proceedings of the Human Factors and Ergonomics Society, 2013, 57, 1500-1503.	0.2	5
40	New Insights Into the Detrimental Effects of Peer Passengers on Teen Drivers. Proceedings of the Human Factors and Ergonomics Society, 2013, 57, 1844-1848.	0.2	4
41	Headway Time and Crashes Among Novice Teens and Experienced Adult Drivers in a Simulated Lead Truck Braking Scenario. , 2013, 2013, 439-445.		11
42	What Makes a Good Passenger? From Teen Driversâ€™ Perspectives. , 2013, , .		0
43	Using Crash Data to Develop Simulator Scenarios for Assessing Novice Driver Performance. Transportation Research Record, 2012, 2321, 73-78.	1.0	28
44	Development of Web-Based Parent Support Program to Improve Quantity, Quality, and Diversity of Teensâ€™ Home-Based Practice Driving. Transportation Research Record, 2012, 2318, 107-115.	1.0	13
45	Mind Wandering Behind the Wheel. Human Factors, 2011, 53, 13-21.	2.1	198
46	Use of a Simulator to Objectively Distinguish Behaviors Between Low-Risk and High-Risk Drivers. , 2011, , .		0
47	Measuring Drivers' Frustration in a Driving Simulator. Proceedings of the Human Factors and Ergonomics Society, 2010, 54, 1531-1535.	0.2	19
48	Effects of Cognitive and Perceptual Loads on Driver Behavior. Transportation Research Record, 2009, 2138, 20-27.	1.0	10
49	The Interaction of Cognitive Load and Attention-Directing Cues in Driving. Human Factors, 2009, 51, 271-280.	2.1	41
50	Identifying Mind-wandering behind the Wheel. Proceedings of the Human Factors and Ergonomics Society, 2009, 53, 1146-1150.	0.2	2
51	Effect of Perceptual and Cognitive Loads on Drivers' Attention and Resistance to Distractors. Proceedings of the Human Factors and Ergonomics Society, 2009, 53, 1739-1743.	0.2	1
52	Visual Attention in Driving: The Effects of Cognitive Load and Visual Disruption. Human Factors, 2007, 49, 721-733.	2.1	102
53	The Effect of Voice Interactions on Driversâ€™ Guidance of Attention. , 2007, , .		0
54	EyeSync - Real Time Integration of an Eye Tracker in a Driving Simulator Environment. , 0, , .		0

#	ARTICLE	IF	CITATIONS
55	Parenting in the Digital Contexts: Are Parents Ready to Use Automated Vehicles to Transport Children?. , 0, , .		0
56	Posing Questions and Policy Suggestions: Autonomous Vehicles & Climate Change. , 0, , .		1
57	Drivers' Assessment of Hazard Perception. , 0, , .		1
58	An Investigation of Measuring Driver Anger with Electromyography. , 0, , .		1
59	Parent Opinions of Automated Vehicles and Young Driver Mobility. , 0, , .		0