

# Tingru Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,773  
citations

393982

19  
h-index

414034

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1305  
citing authors

#	ARTICLE	IF	CITATIONS
1	The roles of initial trust and perceived risk in publicâ€™s acceptance of automated vehicles. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 98, 207-220.	3.9	423
2	Automated vehicle acceptance in China: Social influence and initial trust are key determinants. <i>Transportation Research Part C: Emerging Technologies</i> , 2020, 112, 220-233.	3.9	198
3	The association between driving anger and driving outcomes: A meta-analysis of evidence from the past twenty years. <i>Accident Analysis and Prevention</i> , 2016, 90, 50-62.	3.0	115
4	Risk assessment based collision avoidance decision-making for autonomous vehicles in multi-scenarios. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 122, 102820.	3.9	114
5	A systematic review and meta-analysis of user acceptance of consumer-oriented health information technologies. <i>Computers in Human Behavior</i> , 2020, 104, 106147.	5.1	113
6	A Systematic Review of Physiological Measures of Mental Workload. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2716.	1.2	111
7	Influence of traffic congestion on driver behavior in post-congestion driving. <i>Accident Analysis and Prevention</i> , 2020, 141, 105508.	3.0	110
8	Key characteristics in designing massive open online courses (MOOCs) for user acceptance: an application of the extended technology acceptance model. <i>Interactive Learning Environments</i> , 2022, 30, 882-895.	4.4	55
9	Dimensions of driving anger and their relationships with aberrant driving. <i>Accident Analysis and Prevention</i> , 2015, 81, 124-133.	3.0	50
10	Situational driving anger, driving performance and allocation of visual attention. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2016, 42, 376-388.	1.8	45
11	The effect of personal and organizational factors on the risk-taking behavior of Hong Kong construction workers. <i>Safety Science</i> , 2021, 136, 105155.	2.6	43
12	Driving Anger, Aberrant Driving Behaviors, and Road Crash Risk: Testing of a Mediated Model. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 297.	1.2	38
13	What drives people to use automated vehicles? A meta-analytic review. <i>Accident Analysis and Prevention</i> , 2021, 159, 106270.	3.0	34
14	Sleepiness and the risk of road accidents for professional drivers: A systematic review and meta-analysis of retrospective studies. <i>Safety Science</i> , 2014, 70, 180-188.	2.6	32
15	The acceptance of personal protective equipment among Hong Kong construction workers: An integration of technology acceptance model and theory of planned behavior with risk perception and safety climate. <i>Journal of Safety Research</i> , 2021, 79, 329-340.	1.7	32
16	Driving anger and its relationship with aggressive driving among Chinese drivers. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 56, 496-507.	1.8	29
17	Effectiveness of visual warnings on young drivers hazard anticipation and hazard mitigation abilities. <i>Accident Analysis and Prevention</i> , 2018, 116, 41-52.	3.0	23
18	Predicting unsafe behaviors at nuclear power plants: An integration of Theory of Planned Behavior and Technology Acceptance Model. <i>International Journal of Industrial Ergonomics</i> , 2020, 80, 103047.	1.5	23

#	ARTICLE	IF	CITATIONS
19	Drivers' attitudes, preference, and acceptance of in-vehicle anger intervention systems and their relationships to demographic and personality characteristics. <i>International Journal of Industrial Ergonomics</i> , 2020, 75, 102899.	1.5	22
20	Training interventions are only effective on careful drivers, not careless drivers. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 58, 693-707.	1.8	21
21	How drivers fail to avoid crashes: A risk-homeostasis/perception-response (RH/PR) framework evidenced by visual perception, electrodermal activity and behavioral responses. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2016, 43, 24-35.	1.8	19
22	Effects of speech-based intervention with positive comments on reduction of driver's anger state and perceived workload, and improvement of driving performance. <i>Applied Ergonomics</i> , 2020, 86, 103098.	1.7	19
23	Exploring the self-regulation of secondary task engagement in the context of partially automated driving: A pilot study. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 64, 147-160.	1.8	16
24	Effect of Visual and Auditory Alerts on Older Drivers' Glances toward Latent Hazards while Turning Left at Intersections. <i>Transportation Research Record</i> , 2019, 2673, 117-126.	1.0	15
25	Angry Drivers Take Risky Decisions: Evidence from Neurophysiological Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1701.	1.2	14
26	Vibration warning design for reaction time reduction under the environment of intelligent connected vehicles. <i>Applied Ergonomics</i> , 2021, 96, 103490.	1.7	11
27	How appraisals shape driver emotions: A study from discrete and dimensional emotion perspectives. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2014, 27, 112-123.	1.8	10
28	Predicting Errors, Violations, and Safety Participation Behavior at Nuclear Power Plants. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5613.	1.2	10
29	Antecedents of self-reported safety behaviors among commissioning workers in nuclear power plants: The roles of demographics, personality traits and safety attitudes. <i>Nuclear Engineering and Technology</i> , 2021, 53, 1454-1463.	1.1	10
30	Evaluation of the Effect of a Novice Driver Training Program on Citations and Crashes. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016, 60, 1991-1995.	0.2	5
31	How Optimism Bias and Safety Climate Influence the Risk-Taking Behavior of Construction Workers. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1243.	1.2	5
32	Evaluation of Three In-Vehicle Interactions from Drivers' Driving Performance and Eye Movement behavior. , 2018, , .		4
33	Typing with mobile devices: A comparison of upper limb and shoulder muscle activities, typing performance and perceived workload under varied body postures, typing styles and device types. <i>Applied Ergonomics</i> , 2022, 102, 103760.	1.7	4