Katherine L Plant

List of Publications by Year
in descending order

36 papers	612 citations	623574 14 h-index	677027 22 g-index
36 all docs	36 docs citations	36 times ranked	418 citing authors

#	Article	IF	Citations
1	Distributed situation awareness: From awareness in individuals and teams to the awareness of technologies, sociotechnical systems, and societies. Applied Ergonomics, 2022, 98, 103599.	1.7	13
2	Taking a mixed-methods approach to collision investigation: AcciMap, STAMP-CAST and PCM. Applied Ergonomics, 2022, 100, 103650.	1.7	9
3	Designing flight deck applications: combining insight from end-users and ergonomists. Cognition, Technology and Work, 2021, 23, 353-365.	1.7	4
4	Resolving the differences between system development and system operation using STAMP: a road safety case study in a low-income setting. Ergonomics, 2021, 64, 839-855.	1.1	9
5	Canâ€™t Touch This: Hammer Time on Touchscreen Task Performance Variability under Simulated Turbulent Flight Conditions. International Journal of Human-Computer Interaction, 2021, 37, 666-679.	3.3	6
6	Exploring the Relationship between Attitudes, Risk Perceptions, Fatalistic Beliefs, and Pedestrian Behaviors in China. International Journal of Environmental Research and Public Health, 2021, 18, 3378.	1.2	4
7	Intuition, the Accimap, and the question â€œwhy?â€•Identifying and classifying higherâ€•order factors contributing to road traffic collisions. Human Factors and Ergonomics in Manufacturing, 2021, 31, 546-558.	1.4	4
8	Sociotechnical view of electric bike issues in China: Structured review and analysis of electric bike collisions using Rasmussen's risk management framework. Human Factors and Ergonomics in Manufacturing, 2021, 31, 625-636.	1.4	7
9	Human factors and ergonomics and the response to COVIDâ€19. Human Factors and Ergonomics in Manufacturing, 2021, 31, 329-332.	1.4	2
10	An investigation of urban pedestrian behaviour in Bangladesh using the Perceptual Cycle Model. Safety Science, 2021, 138, 105214.	2.6	16
11	Why do road traffic collision types repeat themselves? Look back before moving forward. Human Factors and Ergonomics in Manufacturing, 2021, 31, 652-663.	1.4	10
12	Exploring the Relationships between Demographics, Road Safety Attitudes, and Self-Reported Pedestrian Behaviours in Bangladesh. Sustainability, 2021, 13, 10640.	1.6	9
13	Thinking aloud on the road: Thematic differences in the experiences of drivers, cyclists, and motorcyclists. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 83, 192-209.	1.8	7
14	Seeing through the mist: an evaluation of an iteratively designed head-up display, using a simulated degraded visual environment, to facilitate rotary-wing pilot situation awareness and workload. Cognition, Technology and Work, 2020, 22, 549-563.	1.7	8
15	You say it is physical, I say it is functional; let us call the whole thing off! Simulation: an application divided by lack of common language. Theoretical Issues in Ergonomics Science, 2020, 21, 507-536.	1.0	14
16	Representing two road traffic collisions in one Accimap: highlighting the importance of emergency response and enforcement in a low-income country. Ergonomics, 2020, 63, 1512-1524.	1.1	10
17	How do fatalistic beliefs affect the attitudes and pedestrian behaviours of road users in different countries? A cross-cultural study. Accident Analysis and Prevention, 2020, 139, 105491.	3.0	35
18	Who is responsible for automated driving? A macro-level insight into automated driving in the United Kingdom using the Risk Management Framework and Social Network Analysis. Applied Ergonomics, 2019, 81, 102904.	1.7	11

#	Article	IF	Citations
19	Vulnerable road users in low-, middle-, and high-income countries: Validation of a Pedestrian Behaviour Questionnaire. Accident Analysis and Prevention, 2019, 131, 80-94.	3.0	51
20	Distributed cognition in aviation operations: a gate-to-gate study with implications for distributed crewing. Ergonomics, 2019, 62, 138-155.	1.1	18
21	Future technology on the flight deck: assessing the use of touchscreens in vibration environments. Ergonomics, 2019, 62, 286-304.	1.1	24
22	Applying systems ergonomics methods in sport: A systematic review. Applied Ergonomics, 2019, 80, 214-225.	1.7	19
23	The virtual landing pad: facilitating rotary-wing landing operations in degraded visual environments. Cognition, Technology and Work, 2018, 20, 219-232.	1.7	6
24	Where are we on driver distraction? Methods, approaches and recommendations. Theoretical Issues in Ergonomics Science, 2018, 19, 578-605.	1.0	10
25	What technologies do people engage with while driving and why?. Accident Analysis and Prevention, 2018, 111, 222-237.	3.0	8
26	Creating the environment for driver distraction: A thematic framework of sociotechnical factors. Applied Ergonomics, 2018, 68, 213-228.	1.7	7
27	Good intentions: driversâ€™ decisions to engage with technology on the road and in a driving simulator. Cognition, Technology and Work, 2018, 20, 597-619.	1.7	6
28	Whatâ€™s the law got to do with it? Legislation regarding in-vehicle technology use and its impact on driver distraction. Accident Analysis and Prevention, 2017, 100, 1-14.	3.0	59
29	The development of the Schema World Action Research Method (SWARM) for the elicitation of perceptual cycle data. Theoretical Issues in Ergonomics Science, 2016, 17, 376-401.	1.0	17
30	Distributed cognition in Search and Rescue: loosely coupled tasks and tightly coupled roles. Ergonomics, 2016, 59, 1353-1376.	1.1	19
31	Extending helicopter operations to meet future integrated transportation needs. Applied Ergonomics, 2016, 53, 364-373.	1.7	17
32	The process of processing: exploring the validity of Neisser's perceptual cycle model with accounts from critical decision-making in the cockpit. Ergonomics, 2015, 58, 909-923.	1.1	32
33	The explanatory power of Schema Theory: theoretical foundations and future applications in Ergonomics. Ergonomics, 2013, 56, 1-15.	1.1	61
34	To twist, roll, stroke or poke? A study of input devices for menu navigation in the cockpit. Ergonomics, 2013, 56, 590-611.	1.1	28
35	What is on your mind? Using the perceptual cycle model and critical decision method to understand the decision-making process in the cockpit. Ergonomics, 2013, 56, 1232-1250.	1.1	51
36	Pilot decisionâ€making during a dual engine failure on takeâ€off: Insights from three different decisionâ€making models. Human Factors and Ergonomics in Manufacturing, 0, , .	1.4	1