

# Craig K Allison

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8443980/publications.pdf>

Version: 2024-02-01

26  
papers

314  
citations

1040018

9  
h-index

888047

17  
g-index

27  
all docs

27  
docs citations

27  
times ranked

273  
citing authors

#	ARTICLE	IF	CITATIONS
1	How does eco-driving make us feel? Considering the psychological effects of eco-driving. Applied Ergonomics, 2022, 101, 103680.	3.1	1
2	Predicting and mitigating failures on the flight deck: an aircraft engine bird strike scenario. Ergonomics, 2022, 65, 1672-1695.	2.1	1
3	Designing flight deck applications: combining insight from end-users and ergonomists. Cognition, Technology and Work, 2021, 23, 353-365.	3.0	4
4	Adjusting the need for speed: assessment of a visual interface to reduce fuel use. Ergonomics, 2021, 64, 315-329.	2.1	1
5	Using the Perceptual Cycle Model and Schema World Action Research Method to generate design requirements for new avionic systems. Human Factors and Ergonomics in Manufacturing, 2021, 31, 66-75.	2.7	3
6	Real-time predictive eco-driving assistance considering road geometry and long-range radar measurements. IET Intelligent Transport Systems, 2021, 15, 573-583.	3.0	11
7	The Benefit of Assisted and Unassisted Eco-Driving for Electrified Powertrains. IEEE Transactions on Human-Machine Systems, 2021, 51, 403-407.	3.5	2
8	Driving towards a greener future: an application of cognitive work analysis to promote fuel-efficient driving. Cognition, Technology and Work, 2020, 22, 125-142.	3.0	4
9	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.	3.0	8
10	Ideation using the "Design with Intent" toolkit: A case study applying a design toolkit to support creativity in developing vehicle interfaces for fuel-efficient driving. Applied Ergonomics, 2020, 84, 103026.	3.1	4
11	Constraining Design: Applying the Insights of Cognitive Work Analysis to the Design of Novel In-Car Interfaces to Support Eco-Driving. Automotive Innovation, 2020, 3, 30-41.	5.1	12
12	Adaptive driver modelling in ADAS to improve user acceptance: A study using naturalistic data. Safety Science, 2019, 119, 76-83.	4.9	35
13	Modelling distributed crewing in commercial aircraft with STAMP for a rapid decompression hazard. Ergonomics, 2019, 62, 156-170.	2.1	20
14	Systems Theoretic Accident Model and Process (STAMP) applied to a Royal Navy Hawk jet missile simulation exercise. Safety Science, 2019, 113, 461-471.	4.9	24
15	Eco-driving: the role of feedback in reducing emissions from everyday driving behaviours. Theoretical Issues in Ergonomics Science, 2019, 20, 85-104.	1.8	28
16	Use of Highways in the Sky and a virtual pad for landing Head Up Display symbology to enable improved helicopter pilots situation awareness and workload in degraded visual conditions. Ergonomics, 2019, 62, 255-267.	2.1	17
17	From the Simulator to the Road "Realization of an In-Vehicle Interface to Support Fuel-Efficient Eco-Driving. Advances in Intelligent Systems and Computing, 2019, , 814-819.	0.6	1
18	Using Cognitive Work Analysis to Inform Policy Recommendations to Support Fuel-Efficient Driving. Advances in Intelligent Systems and Computing, 2019, , 376-385.	0.6	2

#	ARTICLE	IF	CITATIONS
19	The virtual landing pad: facilitating rotary-wing landing operations in degraded visual environments. <i>Cognition, Technology and Work</i> , 2018, 20, 219-232.	3.0	6
20	Head-up displays assist helicopter pilots landing in degraded visual environments. <i>Theoretical Issues in Ergonomics Science</i> , 2018, 19, 513-529.	1.8	4
21	Driver Modeling and Implementation of a Fuel-Saving ADAS. , 2018, , .		14
22	Interaction of task difficulty and gender stereotype threat with a spatial orientation task in a virtual nested environment. <i>Learning and Motivation</i> , 2017, 57, 22-35.	1.2	15
23	Factors influencing orientation within a nested virtual environment: External cues, active exploration and familiarity. <i>Journal of Environmental Psychology</i> , 2017, 51, 158-167.	5.1	7
24	Systems Theoretic Accident Model and Process (STAMP) safety modelling applied to an aircraft rapid decompression event. <i>Safety Science</i> , 2017, 98, 159-166.	4.9	71
25	Modelling distributed crewing with STAMP. , 2016, , .		5
26	Overshadowing of geometric cues by a beacon in a spatial navigation task. <i>Learning and Behavior</i> , 2013, 41, 179-191.	1.0	13