The smartphone and the driverâ€₅™cognitive workload: Microsoftâ€₅™ntelligent personal assistants.

Canadian Journal of Experimental Psychology 71, 93-110 DOI: 10.1037/cep0000104

Citation Report

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Talking to your car can drive you to distraction. Cognitive Research: Principles and Implications, 2016, 1, 16. | 1.1 | 49 |
| 2 | Multi-modal demands of a smartphone used to place calls and enter addresses during highway driving relative to two embedded systems. Ergonomics, 2016, 59, 1565-1585. | 1.1 | 34 |
| 3 | In bed with Siri and Google Assistant: a comparison of sexual health advice. BMJ: British Medical Journal, 2017, 359, j5635. | 2.4 | 31 |
| 4 | Hypovigilance in limited self-driving automation: Peripheral visual stimulus for a balanced level of automation and cognitive workload. , 2017, , . | | 8 |
| 5 | Modelling the Perceived Pragmatic and Hedonic Quality of Intelligent Personal Assistants. Advances in Intelligent Systems and Computing, 2018, , 589-594. | 0.5 | 3 |
| 6 | Adasa. , 2018, , . | | 28 |
| 7 | Automated Driving: Interactive Automation Control System to Enhance Situational Awareness in Conditional Automation. , 2018, , . | | 14 |
| 8 | Comparing User Responses to Limited and Flexible Interaction in a Conversational Interface. , 2018, , . | | 1 |
| 9 | A Review of the Current Intelligent Personal Agents. Communications in Computer and Information Science, 2018, , 253-257. | 0.4 | 2 |
| 10 | Assessing the visual and cognitive demands of in-vehicle information systems. Cognitive Research: Principles and Implications, 2019, 4, 18. | 1.1 | 30 |
| 11 | "K.I.T.T., where are you?". , 2019, , . | | 3 |
| 12 | Assessing User Mental Workload for Smartphone Applications With Built-In Sensors. IEEE Pervasive Computing, 2019, 18, 59-70. | 1.1 | 5 |
| 13 | A Study of Usage and Usability of Intelligent Personal Assistants in Denmark. Lecture Notes in Computer Science, 2019, , 79-90. | 1.0 | 11 |
| 14 | User preferences and willingness to pay for in-vehicle assistance. Electronic Markets, 2019, 29, 37-53. | 4.4 | 21 |
| 15 | Assessing Game Interface Workload and Usability. , 2019, , . | | 10 |
| 16 | Identifying Variables that Improve Communication with Bots. , 2019, , . | | 1 |
| 17 | User Experience with Smart Voice Assistants: The Accent Perspective. , 2019, , . | | 31 |
| 18 | Evaluations of moving versus stopped motor vehicle screen use: Mean differences and correlates. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 67, 142-154. | 1.8 | 2 |

CITATION REPORT

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The long road home from distraction: Investigating the time-course of distraction recovery in driving. Accident Analysis and Prevention, 2019, 124, 23-32. | 3.0 | 24 |
| 20 | Private life telepressure and workplace cognitive failure among hospital nurses: The moderating role of mobile phone presence. Journal of Advanced Nursing, 2020, 76, 2618-2626. | 1.5 | 5 |
| 21 | A Broader Application of the Detection Response Task to Cognitive Tasks and Online Environments. Human Factors, 2021, 63, 896-909. | 2.1 | 7 |
| 22 | Users' mental models for <scp>computerâ€mediated</scp> communication: Theorizing emerging technology and behavior in <scp>eHealth</scp> applications. Human Behavior and Emerging Technologies, 2020, 2, 354-366. | 2.5 | 4 |
| 23 | Relationship between Self-Reported Symptoms of Fatigue and Cognitive Performance. Psihologijske Teme, 2020, 29, 199-228. | 0.1 | 2 |
| 24 | The Effects of Increased Visual Information on Cognitive Workload in a Helicopter Simulator. Human Factors, 2021, 63, 788-803. | 2.1 | 11 |
| 25 | Nomophobia and self-reported smartphone use while driving: An investigation into whether nomophobia can increase the likelihood of illegal smartphone use while driving. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 74, 212-224. | 1.8 | 17 |
| 26 | A Holistic Overview of Anticipatory Learning for the Internet of Moving Things: Research Challenges and Opportunities. ISPRS International Journal of Geo-Information, 2020, 9, 272. | 1.4 | 4 |
| 27 | Tactile detection response task: Metrics for assessing drivers' cognitive workload. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 70, 98-108. | 1.8 | 2 |
| 28 | Sensitivity analysis of driver's behavior and psychophysical conditions. Safety Science, 2020, 125, 104586. | 2.6 | 14 |
| 29 | Intelligent personal assistants: A systematic literature review. Expert Systems With Applications, 2020, 147, 113193. | 4.4 | 129 |
| 30 | Drivers' Phone Use Behavior at Red Traffic Signals. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 169-180. | 2.6 | 3 |
| 31 | Humanizing voice assistant: The impact of voice assistant personality on consumers' attitudes and behaviors. Journal of Retailing and Consumer Services, 2021, 58, 102283. | 5.3 | 127 |
| 32 | Impact of auditory sense on trust and brand affect through auditory social interaction and control. Journal of Retailing and Consumer Services, 2021, 58, 102281. | 5.3 | 18 |
| 33 | Alexa, do voice assistants influence consumer brand engagement? – Examining the role of AI powered voice assistants in influencing consumer brand engagement. Journal of Business Research, 2021, 124, 312-328. | 5.8 | 134 |
| 34 | Dual-Task Interference in a Simulated Driving Environment: Serial or Parallel Processing?. Frontiers in Psychology, 2020, 11, 579876. | 1.1 | 4 |
| 35 | Distraction "Hangoverâ€: Characterization of the Delayed Return to Baseline Driving Risk After Distracting Behaviors. Human Factors, 2023, 65, 306-320. | 2.1 | 4 |
| 36 | Real-time prediction of short-timescale fluctuations in cognitive workload. Cognitive Research: Principles and Implications, 2021, 6, 30. | 1.1 | 3 |

| | CITATION | CITATION REPORT | |
|----|---|-----------------|-----------|
| # | Article | IF | CITATIONS |
| 37 | A Query Conundrum: The Mental Challenges of Using a Cognitive Assistant. SN Computer Science, 2021, 2, 1. | 2.3 | 4 |
| 38 | "Like it's wrong, but it's not that wrong:―Exploring the normalization of risk-compensatory strategies among young drivers engaging in illegal smartphone use. Journal of Safety Research, 2021, 78, 292-302. | 1.7 | 7 |
| 39 | Usability of Voice-based Intelligent Personal Assistants. , 2020, , . | | 5 |
| 40 | Hands-free but not Eyes-free. , 2020, , . | | 12 |
| 41 | Artificial intelligence in reproductive medicine. Reproduction, 2019, 158, R139-R154. | 1.1 | 115 |
| 42 | Bringing Trust to Autonomous Mobility. , 2020, , . | | 4 |
| 43 | How is multi-tasking different from increased difficulty?. Psychonomic Bulletin and Review, 2020, 27, 937-951. | 1.4 | 22 |
| 44 | Gestural Interface to Support Car Drivers Interacting with Smartphone: A Systematic Literature Review. Advances in Intelligent Systems and Computing, 2020, , 769-783. | 0.5 | 0 |
| 45 | Transportation, technology, and adolescent health. , 2020, , 249-281. | | 0 |
| 46 | How Compatible is Alexa with Dual Tasking? — Towards Intelligent Personal Assistants for Dual-Task Situations. , 2021, , . | | 5 |
| 47 | Why Do People Use Artificial Intelligence (AI)-Enabled Voice Assistants?. IEEE Transactions on Engineering Management, 2024, 71, 491-505. | 2.4 | 18 |
| 48 | Effects of verbal tasks on driving simulator performance. Cognitive Research: Principles and Implications, 2022, 7, 12. | 1.1 | 0 |
| 49 | On Quantifying and Understanding the Role of Ethics in AI Research: A Historical Account of Flagship Conferences and Journals. , 0, , . | | 3 |
| 50 | Why do people avoid and postpone the use of voice assistants for transactional purposes? A perspective from decision avoidance theory. Journal of Business Research, 2022, 146, 605-618. | 5.8 | 22 |
| 51 | Classification of Driver Cognitive Load: Exploring the Benefits of Fusing Eye-Tracking and Physiological Measures. Transportation Research Record, 2022, 2676, 670-681. | 1.0 | 13 |
| 54 | The Multitasking Motorist. , 2022, , 399-430. | | 1 |
| 55 | Does it deliver what it promises? Evaluation of cognitive distraction caused by speech-based interfaces with detection response and box task. Transportation Research Part F: Traffic Psychology and Behaviour, 2022, 91, 1-16. | 1.8 | 0 |
| 56 | A Practitioner's Guide to Evaluating Distraction Potential of In-Vehicle Voice Assistants. Automation, Collaboration, and E-services, 2023, , 171-193. | 0.5 | 0 |

CITATION REPORT

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 57 | The impact of speech-based assistants on the driver's cognitive distraction. Accident Analysis and Prevention, 2023, 179, 106898. | 3.0 | 0 |
| 58 | User Cognition Antecedents of Smart Assistant Systems in Cars. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 37-53. | 4.7 | 0 |
| 59 | Classification of Driver Cognitive Load based on Physiological Data: Exploring Recurrent Neural Networks. , 2022, , . | | 1 |
| 60 | Hi,KIA: A Speech Emotion Recognition Dataset for Wake-Up Words. , 2022, , . | | 1 |
| 61 | Can Alexa serve customers better? Al-driven voice assistant service interactions. Journal of Services Marketing, 2023, 37, 25-39. | 1.7 | 16 |
| 62 | Smartphones and traffic signals: A quantitative assessment for phone usage behavior on performance of signalized intersections. Journal of Traffic and Transportation Engineering (English Edition), 2023, | 2.0 | 0 |
| 63 | Exploring Factors Affecting People's Willingness to Use a Voice-Based In-Car Assistant in Electric Cars: An Empirical Study. World Electric Vehicle Journal, 2023, 14, 73. | 1.6 | 0 |
| 67 | An extension of the shifted Wald model of human response times: Capturing the time dynamic properties of human cognition. Psychonomic Bulletin and Review, 0, , . | 1.4 | Ο |