

# Ben D Sawyer

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32  
papers

331  
citations

9  
h-index

17  
g-index

34  
ext. papers

439  
ext. citations

1.9  
avg, IF

4.24  
L-index

#	Paper	IF	Citations
32	The Effects of Virtual Reality, Augmented Reality, and Mixed Reality as Training Enhancement Methods: A Meta-Analysis. <i>Human Factors</i> , <b>2021</b> , 63, 706-726	3.8	81
31	Google glass: a driver distraction cause or cure?. <i>Human Factors</i> , <b>2014</b> , 56, 1307-21	3.8	57
30	Hacking the Human: The Prevalence Paradox in Cybersecurity. <i>Human Factors</i> , <b>2018</b> , 60, 597-609	3.8	36
29	Cyber Vigilance: Effects of Signal Probability and Event Rate. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2014</b> , 58, 1771-1775	0.4	25
28	Hysteresis in Mental Workload and Task Performance: The Influence of Demand Transitions and Task Prioritization. <i>Human Factors</i> , <b>2016</b> , 58, 1143-1157	3.8	17
27	Judging Thieves of Attention: Commentary on "Assessing Cognitive Distraction in the Automobile," by Strayer, Turrill, Cooper, Coleman, Medeiros-Ward, and Biondi (2015). <i>Human Factors</i> , <b>2015</b> , 57, 1339-42	3.8	11
26	Stress and Workload Profiles of Network Analysis: Not All Tasks Are Created Equal. <i>Advances in Intelligent Systems and Computing</i> , <b>2016</b> , 153-166	0.4	11
25	Toward a Theory of Visual Information Acquisition in Driving. <i>Human Factors</i> , <b>2020</b> , 18720820939693	3.8	10
24	Detection of error-related negativity in complex visual stimuli: a new neuroergonomic arrow in the practitioner's quiver. <i>Ergonomics</i> , <b>2017</b> , 60, 234-240	2.9	9
23	Angry Drivers Take Risky Decisions: Evidence from Neurophysiological Assessment. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	9
22	Detection of brake lights while distracted: Separating peripheral vision from cognitive load. <i>Attention, Perception, and Psychophysics</i> , <b>2019</b> , 81, 2798-2813	2	9
21	A Study of the Effects of the COVID-19 Pandemic on the Experience of Back Pain Reported on Twitter in the United States: A Natural Language Processing Approach. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	8
20	Development of a Linked Simulation Network to Evaluate Intelligent Transportation System Vehicle to Vehicle Solutions. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2012</b> , 56, 2316-2320	0.4	6
19	Enabling multitasking by designing for situation awareness within the vehicle environment. <i>Theoretical Issues in Ergonomics Science</i> , <b>2019</b> , 20, 105-128	2.2	6
18	The great typography bake-off: comparing legibility at-a-glance. <i>Ergonomics</i> , <b>2020</b> , 63, 391-398	2.9	5
17	Microsaccades Distinguish Looking From Seeing. <i>Journal of Eye Movement Research</i> , <b>2019</b> , 12,	1.7	5
16	Unconstrained design: improving multitasking with in-vehicle information systems through enhanced situation awareness. <i>Theoretical Issues in Ergonomics Science</i> , <b>2020</b> , 21, 183-219	2.2	5

15	Linking the Detection Response Task and the AttenD Algorithm Through Assessment of Human-Machine Interface Workload. <i>Transportation Research Record</i> , <b>2017</b> , 2663, 82-89	1.7	4
14	Trust Impacts Driver Glance Strategy in Multitasking. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2017</b> , 61, 1441-1442	0.4	3
13	Performance Degradation Due to Automation in Texting while Driving <b>2013</b> ,		3
12	Accelerating Adult Readers with Typeface: A Study of Individual Preferences and Effectiveness <b>2020</b> ,		3
11	Effects of a Voice Interface on Mirror Check Decrements in Older and Younger Multitasking Drivers. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2016</b> , 60, 16-20	0.4	2
10	Glanceable, legible typography over complex backgrounds. <i>Ergonomics</i> , <b>2020</b> , 63, 864-883	2.9	1
9	Optimizing Electronic Health Records Through Readability. <i>Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare</i> , <b>2021</b> , 10, 65-70	0.5	1
8	Transfer of Training from Virtual Reality and Augmented Reality: A Meta-Analysis Extended Abstract. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2019</b> , 63, 2142-2143	0.4	1
7	HUMAN FACTORS AND ERGONOMICS IN DESIGN OF A 3 : AUTOMATION, AUTONOMY, AND ARTIFICIAL INTELLIGENCE <b>2021</b> , 1385-1416		1
6	Considering the Speed and Comprehension Trade-Off in Reading Mediated by Typography. <i>Journal of Vision</i> , <b>2021</b> , 21, 2249	0.4	1
5	An Evaluation of Drivers Using an Ignition Interlock Device: Breath Tests while Driving. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2014</b> , 58, 2098-2101	0.4	
4	Ethics Education of Human Factors Engineers for Responsible AI Development. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2021</b> , 65, 1034-1038	0.4	
3	Driving Hazard Detection on the Road Does Not Reveal the Prevalence Effect. <i>Journal of Vision</i> , <b>2020</b> , 20, 1692	0.4	
2	Who Wants an Automated Vehicle?. <i>Advances in Human and Social Aspects of Technology Book Series</i> , <b>2019</b> , 171-196	0.2	
1	An Applied Driving Evaluation of Electrodermal Potential as a Measurement of Attentional State <b>2018</b> , 321		