Jason S Mccarley

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6618363/publications.pdf

Version: 2024-02-01

74	2,518	304743 22	197818 49
papers	citations	h-index	g-index

76	76	76	1988
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measuring the Efficiency of Automation-Aided Performance in a Simulated Baggage Screening Task. Human Factors, 2022, 64, 945-961.	3.5	8
2	Shared Gaze Fails to Improve Team Visual Monitoring. Human Factors, 2021, 63, 696-705.	3.5	3
3	Ironic efficiency in automation-aided signal detection. Ergonomics, 2021, 64, 103-112.	2.1	4
4	Collaboration improves unspeeded search in the absence of precise target information. Attention, Perception, and Psychophysics, 2020, 82, 3387-3401.	1.3	2
5	Human interaction with automated aids: Implications for roboâ€advisors. Financial Planning Review, 2019, 2, e1059.	2.0	4
6	No Effect of Cue Format on Automation Dependence in an Aided Signal Detection Task. Human Factors, 2019, 61, 169-190.	3.5	13
7	Collaborative search in a mock baggage screening task.. Journal of Experimental Psychology: Applied, 2019, 25, 716-732.	1.2	5
8	Effects of Task Difficulty and Display Format on Automation Usage Strategy: A Workload Capacity Analysis. Human Factors, 2018, 60, 527-537.	3.5	11
9	Redundant-target processing is robust against changes to task load. Cognitive Research: Principles and Implications, 2018, 3, 4.	2.0	4
10	Does wearable device bring distraction closer to drivers? Comparing smartphones and Google Glass. Applied Ergonomics, 2018, 70, 156-166.	3.1	18
11	Dual-Task Redundant-Target Processing: The Case of the Limited Capacity Parallel Model. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 661-665.	0.3	1
12	No tendency for human operators to agree with automation whose response bias matches their own. International Journal of Human Factors and Ergonomics, 2018, 5, 111.	0.3	1
13	Competitive Selection and Age-Related Changes in Visual Attention. Current Directions in Psychological Science, 2017, 26, 191-196.	5.3	1
14	Benchmarking Aided Decision Making in a Signal Detection Task. Human Factors, 2017, 59, 881-900.	3.5	28
15	Visualization of Uncertainty Aids Spatial Judgments but Fails to Improve Metacognitive Efficiency. Proceedings of the Human Factors and Ergonomics Society, 2017, 61, 1390-1393.	0.3	1
16	Gaze Linking in Visual Search: A Help or a Hindrance?. Proceedings of the Human Factors and Ergonomics Society, 2017, 61, 1376-1379.	0.3	3
17	Theory-based Models of Attention in Visual Workspaces. International Journal of Human-Computer Interaction, 2017, 33, 35-43.	4.8	21
18	Characterizing the efficiency of collaborative visual search with systems factorial technology.. Archives of Scientific Psychology, 2017, 5, 1-9.	0.8	12

#	Article	IF	Citations
19	Commonsense statistics in aviation safety research. , 2017, , 74-86.		3
20	Workload Capacity. Human Factors, 2016, 58, 462-471.	3.5	12
21	Workload capacity across the visual field in young and older adults.. Archives of Scientific Psychology, 2015, 3, 62-73.	0.8	5
22	Texting while driving using Google Glassâ„¢: Promising but not distraction-free. Accident Analysis and Prevention, 2015, 81, 218-229.	5.7	59
23	Lane Keeping Under Cognitive Load. Human Factors, 2014, 56, 414-426.	3.5	73
24	The View from the Driver's Seat: What Good Is Salience?. Applied Cognitive Psychology, 2014, 28, 47-54.	1.6	10
25	Metacognition of multitasking: How well do we predict the costs of divided attention?. Journal of Experimental Psychology: Applied, 2014, 20, 158-165.	1.2	44
26	Statistically Lay Decision Makers Ignore Error Bars in Two-Point Comparisons. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 1746-1750.	0.3	3
27	Spatial interference between attended items engenders serial visual processing. Attention, Perception, and Psychophysics, 2013, 75, 229-243.	1.3	9
28	Great expectations: Top-down attention modulates the costs of clutter and eccentricity.. Journal of Experimental Psychology: Applied, 2013, 19, 403-419.	1.2	20
29	Auditory, Visual, and Bimodal Data Link Displays and How They Support Pilot Performance. Aviation, Space, and Environmental Medicine, 2013, 84, 560-566.	0.5	1
30	Bayesian and Signal Detection Models. , 2013, , .		1
31	Change Detection: Training and Transfer. PLoS ONE, 2013, 8, e67781.	2.5	24
32	Age, clutter, and competitive selection.. Psychology and Aging, 2012, 27, 616-626.	1.6	21
33	The Harder the Task, the More Inconsistent the Performance: A PPT Analysis on Task Difficulty. Journal of General Psychology, 2012, 139, 1-18.	2.8	10
34	Examining the Efficacy of Training Interventions in Improving Older Driver Performance. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 144-148.	0.3	7
35	Visual Search Asymmetries in Heavy Clutter: Implications for Display Design. Human Factors, 2011, 53, 299-307.	3.5	11
36	Estimating User's Preferred Response Bias in an Automated Diagnostic Aid: A Psychophysical Approach. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 326-329.	0.3	1

#	Article	IF	Citations
37	Walking and talking: Dual-task effects on street crossing behavior in older adults.. Psychology and Aging, 2011, 26, 260-268.	1.6	144
38	Effects of response bias and judgment framing on operator use of an automated aid in a target detection task.. Journal of Experimental Psychology: Applied, 2011, 17, 320-331.	1.2	45
39	Modeling the Control of Attention in Visual Workspaces. Human Factors, 2011, 53, 142-153.	3.5	67
40	Effects of Cognitive Distraction on Lane-keeping: Performance Loss or Improvement?. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 1894-1898.	0.3	16
41	Mind Wandering Behind the Wheel. Human Factors, 2011, 53, 13-21.	3.5	198
42	Visual search asymmetries within color-coded and intensity-coded displays.. Journal of Experimental Psychology: Applied, 2010, 16, 124-132.	1.2	9
43	Executive working memory load does not compromise perceptual processing during visual search: Evidence from additive factors analysis. Attention, Perception, and Psychophysics, 2010, 72, 308-316.	1.3	23
44	Pedestrians, vehicles, and cell phones. Accident Analysis and Prevention, 2010, 42, 589-594.	5.7	175
45	Transgenerational communication through affective imagery in mood boards. Proceedings of the Human Factors and Ergonomics Society, 2010, 54, 1762-1765.	0.3	0
46	Bimodal Stimulus Presentation and Expanded Auditory Bandwidth Improve Older Adultsâ€™ Speech Perception. Human Factors, 2010, 52, 479-491.	3.5	13
47	Effects of speedâ€“accuracy instructions on oculomotor scanning and target recognition in a simulated baggage X-ray screening task. Ergonomics, 2009, 52, 325-333.	2.1	29
48	Response Criterion Placement Modulates the Benefits of Graded Alerting Systems in a Simulated Baggage Screening Task. Proceedings of the Human Factors and Ergonomics Society, 2009, 53, 1106-1110.	0.3	4
49	Manual and oculomotor performance develop contemporaneously but independently during continuous tracking. Experimental Brain Research, 2009, 195, 611-620.	1.5	15
50	Localized attentional interference reflects competition for reentrant processing. Psychonomic Bulletin and Review, 2009, 16, 110-115.	2.8	6
51	State-trace analysis of the effects of a visual illusion on saccade amplitudes and perceptual judgments. Psychonomic Bulletin and Review, 2008, 15, 1008-1014.	2.8	9
52	On the relationship between flanker interference and localized attentional interference. Acta Psychologica, 2008, 128, 102-109.	1.5	18
53	Voluntary and reflexive eye movements to illusory lengths. Visual Cognition, 2008, 16, 68-89.	1.6	9
54	Automation Dependency and Performance Gains under Time Pressure. Proceedings of the Human Factors and Ergonomics Society, 2008, 52, 1326-1329.	0.3	5

#	Article	IF	Citations
55	On the Independence of Compliance and Reliance: Are Automation False Alarms Worse Than Misses?. Human Factors, 2007, 49, 564-572.	3.5	206
56	The Neural Correlates of an Expanded Functional Field of View. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2007, 62, 32-44.	3.9	32
57	Localized Attentional Interference Affects Object Individuation, Not Feature Detection. Perception, 2007, 36, 17-32.	1.2	19
58	Attentional templates regulate competitive interactions among attended visual objects. Perception & Psychophysics, 2007, 69, 209-217.	2.3	10
59	Spatially mediated capacity limits in attentive visual perception. Acta Psychologica, 2007, 126, 98-119.	1.5	26
60	Aging, memory and visual search. Acta Psychologica, 2006, 122, 288-304.	1.5	16
61	Oculomotor behaviour in visual search for multiple targets. Visual Cognition, 2006, 14, 685-703.	1.6	15
62	Eye Movements as a Window on Perception and Cognition. , 2006, , 95-112.		10
63	Age and automation interact to influence performance of a simulated luggage screening task. Aviation, Space, and Environmental Medicine, 2006, 77, 825-31.	0.5	31
64	Metacognitive Judgments in a Simulated Luggage Screening Task. Proceedings of the Human Factors and Ergonomics Society, 2005, 49, 1620-1624.	0.3	7
65	Visual Skills in Airport-Security Screening. Psychological Science, 2004, 15, 302-306.	3.3	162
66	Landmarks help guide attention during visual search. Spatial Vision, 2004, 17, 497-510.	1.4	7
67	Automatic and intentional memory processes in visual search. Psychonomic Bulletin and Review, 2004, 11, 854-861.	2.8	41
68	Conversation Disrupts Change Detection in Complex Traffic Scenes. Human Factors, 2004, 46, 424-436.	3.5	132
69	Age-Related Differences in Localized Attentional Interference.. Psychology and Aging, 2004, 19, 203-210.	1.6	33
70	Differential effects of the MÃ¼ller-Lyer illusion on reflexive and voluntary saccades. Journal of Vision, 2003, 3, 9.	0.3	29
71	How Much Memory Does Oculomotor Search Have?. Psychological Science, 2003, 14, 422-426.	3.3	137
72	Bimodal Displays Improve Speech Comprehension in Environments with Multiple Speakers. Human Factors, 2003, 45, 329-336.	3.5	25

#	Article	IF	Citations
73	Overt and covert object-based attention. Psychonomic Bulletin and Review, 2002, 9, 751-758.	2.8	19
74	Visual Search has Memory. Psychological Science, 2001, 12, 287-292.	3.3	322