

# Shayne Loft

## List of Publications by Year in descending order

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93  
papers

1,945  
citations

279798

23  
h-index

302126

39  
g-index

93  
all docs

93  
docs citations

93  
times ranked

1024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and Predicting Mental Workload in En Route Air Traffic Control: Critical Review and Broader Implications. <i>Human Factors</i> , 2007, 49, 376-399.	3.5	254
2	Slow down and remember to remember! A delay theory of prospective memory costs.. <i>Psychological Review</i> , 2015, 122, 376-410.	3.8	92
3	Is task interference in event-based prospective memory dependent on cue presentation?. <i>Memory and Cognition</i> , 2008, 36, 139-148.	1.6	85
4	Goal orientations and performance: Differential relationships across levels of analysis and as a function of task demands.. <i>Journal of Applied Psychology</i> , 2009, 94, 710-726.	5.3	71
5	An analysis of relational complexity in an air traffic control conflict detection task. <i>Ergonomics</i> , 2006, 49, 1508-1526.	2.1	66
6	An investigation into the resource requirements of event-based prospective memory. <i>Memory and Cognition</i> , 2007, 35, 263-274.	1.6	63
7	A theory and model of conflict detection in air traffic control: Incorporating environmental constraints.. <i>Journal of Experimental Psychology: Applied</i> , 2009, 15, 106-124.	1.2	60
8	Agent Transparency: A Review of Current Theory and Evidence. <i>IEEE Transactions on Human-Machine Systems</i> , 2020, 50, 215-224.	3.5	51
9	ATC-labAdvanced: An air traffic control simulator with realism and control. <i>Behavior Research Methods</i> , 2009, 41, 118-127.	4.0	50
10	Racing to remember: A theory of decision control in event-based prospective memory.. <i>Psychological Review</i> , 2018, 125, 851-887.	3.8	47
11	Wait a second: Brief delays in responding reduce focality effects in event-based prospective memory. <i>Quarterly Journal of Experimental Psychology</i> , 2013, 66, 1432-1447.	1.1	46
12	Situation Awareness Measures for Simulated Submarine Track Management. <i>Human Factors</i> , 2015, 57, 298-310.	3.5	38
13	Strategic attention and decision control support prospective memory in a complex dual-task environment. <i>Cognition</i> , 2019, 191, 103974.	2.2	38
14	Prospective memory in an air traffic control simulation: External aids that signal when to act.. <i>Journal of Experimental Psychology: Applied</i> , 2011, 17, 60-70.	1.2	34
15	Prospective memory in HIV-associated neurocognitive disorders (HAND): The neuropsychological dynamics of time monitoring. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2013, 35, 359-372.	1.3	34
16	An integrative formal model of motivation and decision making: The MGPM*.. <i>Journal of Applied Psychology</i> , 2016, 101, 1240-1265.	5.3	33
17	Accumulating evidence about what prospective memory costs actually reveal.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2017, 43, 1616-1629.	0.9	31
18	Investigating how implementation intentions improve non-focal prospective memory tasks. <i>Consciousness and Cognition</i> , 2014, 27, 213-230.	1.5	30

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19	Uncovering continuous and transient monitoring profiles in event-based prospective memory. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 492-499.	2.8	30
20	Cognitive control and capacity for prospective memory in complex dynamic environments.. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 2181-2206.	2.1	29
21	Supporting strategic processes can improve time-based prospective memory in the laboratory among older adults with HIV disease.. <i>Neuropsychology</i> , 2020, 34, 249-263.	1.3	28
22	Applying Psychological Science to Examine Prospective Memory in Simulated Air Traffic Control. <i>Current Directions in Psychological Science</i> , 2014, 23, 326-331.	5.3	27
23	Internalizing versus externalizing control: Different ways to perform a time-based prospective memory task.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 1064-1071.	0.9	25
24	The Chronic Detrimental Impact of Interruptions in a Simulated Submarine Track Management Task. <i>Human Factors</i> , 2015, 57, 1417-1426.	3.5	24
25	The long road home from distraction: Investigating the time-course of distraction recovery in driving. <i>Accident Analysis and Prevention</i> , 2019, 124, 23-32.	5.7	24
26	Prospective memory and task interference in a continuous monitoring dynamic display task.. <i>Journal of Experimental Psychology: Applied</i> , 2010, 16, 145-157.	1.2	23
27	ATC-lab: An air traffic control simulator for the laboratory. <i>Behavior Research Methods</i> , 2004, 36, 331-338.	1.3	22
28	Using the situation present assessment method to measure situation awareness in simulated submarine track management. <i>International Journal of Human Factors and Ergonomics</i> , 2013, 2, 33.	0.3	22
29	Investigating the cost to ongoing tasks not associated with prospective memory task requirements. <i>Consciousness and Cognition</i> , 2014, 27, 1-13.	1.5	22
30	Effect of automation transparency in the management of multiple unmanned vehicles. <i>Applied Ergonomics</i> , 2021, 90, 103243.	3.1	22
31	Fitting an ex-Gaussian function to examine costs in event-based prospective memory: Evidence for a continuous monitoring profile. <i>Acta Psychologica</i> , 2014, 152, 177-182.	1.5	21
32	Optimizing the balance between task automation and human manual control in simulated submarine track management.. <i>Journal of Experimental Psychology: Applied</i> , 2017, 23, 240-262.	1.2	21
33	Enhanced recognition of words previously presented in a task with nonfocal prospective memory requirements. <i>Psychonomic Bulletin and Review</i> , 2012, 19, 1142-1147.	2.8	20
34	Minimizing the disruptive effects of prospective memory in simulated air traffic control.. <i>Journal of Experimental Psychology: Applied</i> , 2013, 19, 254-265.	1.2	20
35	Patterns of Prospective Memory Impairment Among Individuals with Depression: The Influence of Cue Type and Delay Interval. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 718-722.	1.8	19
36	Task Importance Affects Event-Based Prospective Memory Performance in Adults with HIV-Associated Neurocognitive Disorders and HIV-Infected Young Adults with Problematic Substance Use. <i>Journal of the International Neuropsychological Society</i> , 2014, 20, 652-662.	1.8	18

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37	Control Room Operatorsâ€™ Cue Utilization Predicts Cognitive Resource Consumption During Regular Operational Tasks. <i>Frontiers in Psychology</i> , 2019, 10, 1967.	2.1	18
38	Remembering to execute deferred tasks in simulated air traffic control: The impact of interruptions.. <i>Journal of Experimental Psychology: Applied</i> , 2018, 24, 360-379.	1.2	17
39	The Influence of Memory for Prior Instances on Performance in a Conflict Detection Task.. <i>Journal of Experimental Psychology: Applied</i> , 2004, 10, 173-187.	1.2	16
40	Using Spatial Context to Support Prospective Memory in Simulated Air Traffic Control. <i>Human Factors</i> , 2011, 53, 662-671.	3.5	16
41	Intraindividual variability in neurocognitive performance is associated with time-based prospective memory in older adults. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018, 40, 733-743.	1.3	16
42	Sleep disruption explains age-related prospective memory deficits: implications for cognitive aging and intervention. <i>Aging, Neuropsychology, and Cognition</i> , 2019, 26, 621-636.	1.3	16
43	Cue utilization differentiates resource allocation during sustained attention simulated rail control tasks.. <i>Journal of Experimental Psychology: Applied</i> , 2019, 25, 317-332.	1.2	16
44	Control of access to memory: The use of task interference as a behavioral probe. <i>Journal of Memory and Language</i> , 2008, 58, 465-479.	2.1	15
45	Eye movements provide insights into the conscious use of context in prospective memory. <i>Consciousness and Cognition</i> , 2017, 52, 68-74.	1.5	14
46	Allowing brief delays in responding improves event-based prospective memory for young adults living with HIV disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014, 36, 761-772.	1.3	13
47	Event-based prospective memory deficits in individuals with high depressive symptomatology: Problems controlling attentional resources?. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014, 36, 577-587.	1.3	11
48	The Impact of Uncertain Contact Location on Situation Awareness and Performance in Simulated Submarine Track Management. <i>Human Factors</i> , 2016, 58, 1052-1068.	3.5	11
49	Using Situation Awareness and Workload to Predict Performance in Submarine Track Management: A Multilevel Approach. <i>Human Factors</i> , 2018, 60, 978-991.	3.5	11
50	Cognitive control processes underlying time-based prospective memory impairment in individuals with high depressive symptomatology. <i>Acta Psychologica</i> , 2014, 149, 18-23.	1.5	10
51	Enhancing cue salience improves aspects of naturalistic time-based prospective memory in older adults with HIV disease.. <i>Neuropsychology</i> , 2021, 35, 111-122.	1.3	10
52	Prospective memory in the red zone: Cognitive control and capacity sharing in a complex, multi-stimulus task.. <i>Journal of Experimental Psychology: Applied</i> , 2019, 25, 695-715.	1.2	10
53	Habitual prospective memory in HIV disease.. <i>Neuropsychology</i> , 2015, 29, 909-918.	1.3	9
54	The Benefits and Costs of Low and High Degree of Automation. <i>Human Factors</i> , 2020, 62, 874-896.	3.5	9

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55	How semantic processing affects recognition memory. <i>Journal of Memory and Language</i> , 2020, 113, 104109.	2.1	9
56	Online pharmacy navigation skills are associated with prospective memory in HIV disease. <i>Clinical Neuropsychologist</i> , 2021, 35, 518-540.	2.3	9
57	Varying the Complexity of the Prospective Memory Decision Process in an Air Traffic Control Simulation. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2011, 219, 77-84.	1.0	8
58	Using Past and Present Indicators of Human Workload to Explain Variance in Human Performance. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 1923-1932.	2.8	8
59	The development of a general associative learning account of skill acquisition in a relative arrival-time judgment task.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2007, 33, 938-959.	0.9	8
60	Prospective memory in safety-critical work contexts. , 2019, , 170-185.		8
61	Individual Differences in the Effect of Vertical Separation on Conflict Detection in Air Traffic Control. <i>The International Journal of Aviation Psychology</i> , 2011, 21, 325-342.	0.7	7
62	Reducing prospective memory error and costs in simulated air traffic control: External aids, extending practice, and removing perceived memory requirements.. <i>Journal of Experimental Psychology: Applied</i> , 2016, 22, 272-284.	1.2	7
63	Lowering thresholds for speed limit enforcement impairs peripheral object detection and increases driver subjective workload. <i>Accident Analysis and Prevention</i> , 2017, 98, 118-122.	5.7	7
64	Investigating the effects of ongoing-task bias on prospective memory. <i>Quarterly Journal of Experimental Psychology</i> , 2020, 73, 1495-1513.	1.1	7
65	Detecting a Single Automation Failure: The Impact of Expected (But Not Experienced) Automation Reliability. <i>Human Factors</i> , 2023, 65, 533-545.	3.5	7
66	Individual differences in higher-level cognitive abilities do not predict overconfidence in complex task performance. <i>Consciousness and Cognition</i> , 2019, 74, 102777.	1.5	6
67	Exploring the Peak-End Effects in Air Traffic Controllersâ€™ Mental Workload Ratings. <i>Human Factors</i> , 2022, 64, 1292-1305.	3.5	6
68	The Impact of Transparency and Decision Risk on Humanâ€™Automation Teaming Outcomes. <i>Human Factors</i> , 2021, , 001872082110334.	3.5	6
69	Using memory for prior aircraft events to detect conflicts under conditions of proactive air traffic control and with concurrent task requirements.. <i>Journal of Experimental Psychology: Applied</i> , 2016, 22, 211-224.	1.2	6
70	The Perception of Automation Reliability and Acceptance of Automated Advice. <i>Human Factors</i> , 2023, 65, 1596-1612.	3.5	6
71	The Impact of Information Integration in a Simulation of Future Submarine Command and Control. <i>Human Factors</i> , 2023, 65, 1473-1490.	3.5	5
72	Explaining short-term memory phenomena with an integrated episodic/semantic framework of long-term memory. <i>Cognitive Psychology</i> , 2020, 123, 101346.	2.2	5

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73	Forgetting induced speeding: Can prospective memory failure account for drivers exceeding the speed limit?. <i>Journal of Experimental Psychology: Applied</i> , 2017, 23, 180-190.	1.2	5
74	Growth curve models in retrospective memory and prospective memory: the relationship between prediction and performance with task experience. <i>Journal of Cognitive Psychology</i> , 2018, 30, 532-546.	0.9	4
75	Does the Key Task Measure Prospective Memory? Cautionary Findings from Parallel Studies in HIV Disease and Older Adults. <i>Archives of Clinical Neuropsychology</i> , 2019, 34, 1438-1444.	0.5	4
76	The Difficulty to Break a Relational Complexity Network Can Predict Air Traffic Controllers' Mental Workload and Performance in Conflict Resolution. <i>Human Factors</i> , 2021, 63, 240-253.	3.5	4
77	Human behavioral response to fluctuating automation reliability. <i>Applied Ergonomics</i> , 2022, 105, 103835.	3.1	4
78	Prospective memory and spontaneous compensatory mnemonic strategy use in the laboratory and daily life in HIV-associated neurocognitive disorders. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2020, 42, 952-964.	1.3	3
79	Improving prospective memory with contextual cueing. <i>Memory and Cognition</i> , 2021, 49, 692-711.	1.6	3
80	Future and past autobiographical memory in persons with HIV disease.. <i>Neuropsychology</i> , 2021, 35, 461-471.	1.3	3
81	Developing a Formal Model of Human Memory in a Simulated Air Traffic Control Conflict Detection Task. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2004, 48, 391-395.	0.3	2
82	Should We Just Let the Machines Do It? The Benefit and Cost of Action Recommendation and Action Implementation Automation. <i>Human Factors</i> , 2022, 64, 1121-1136.	3.5	2
83	Integrated responding improves prospective memory accuracy. <i>Psychonomic Bulletin and Review</i> , 2022, 29, 934-942.	2.8	2
84	Subjective cognitive decline disrupts aspects of prospective memory in older adults with HIV disease. <i>Aging, Neuropsychology, and Cognition</i> , 2023, 30, 582-600.	1.3	2
85	Static and Adaptable Automation in Simulated Submarine Track Management. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014, 58, 2280-2284.	0.3	1
86	On the Nature of Interruptions in Complex Dynamic Tasks. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016, 60, 246-247.	0.3	1
87	Prospective Memory Performance in Simulated Air Traffic Control. <i>Human Factors</i> , 2020, 62, 1249-1264.	3.5	1
88	Improving Prospective Memory Performance in Community-dwelling Older Adults: Goal Management Training and Implementation Intentions. <i>Experimental Aging Research</i> , 2021, 47, 414-435.	1.2	1
89	Designing Memory Aids to Facilitate Intentions to Deviate from Routine in an Air Traffic Control Simulation. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2009, 53, 56-60.	0.3	0
90	The Effect of the Degree of Static Automation in Simulated Submarine Track Management. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 1668-1668.	0.3	0

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91	A-17 Self-Generation Improves Prospective Memory Performance in Individuals with Moderateâ€“Severe Traumatic Brain Injury. Archives of Clinical Neuropsychology, 2021, 36, 1039-1039.	0.5	0
92	Explaining short-term memory phenomena with long-term memory theory: Is a special state involved?. Current Psychology, 0, , 1.	2.8	0
93	The effect of multiâ€“tasking training on performance, situation awareness, and workload in simulated air traffic control. Applied Cognitive Psychology, 2022, 36, 874-890.	1.6	0