

# Andrew Neal

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

8,157  
citations

159585

30  
h-index

102487

66  
g-index

73  
all docs

73  
docs citations

73  
times ranked

4691  
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Model of Work Role Performance: Positive Behavior in Uncertain and Interdependent Contexts. <i>Academy of Management Journal</i> , 2007, 50, 327-347.	6.3	1,544
2	The impact of organizational climate on safety climate and individual behavior. <i>Safety Science</i> , 2000, 34, 99-109.	4.9	1,163
3	Perceptions of safety at work: A framework for linking safety climate to safety performance, knowledge, and motivation.. <i>Journal of Occupational Health Psychology</i> , 2000, 5, 347-358.	3.3	1,121
4	A study of the lagged relationships among safety climate, safety motivation, safety behavior, and accidents at the individual and group levels.. <i>Journal of Applied Psychology</i> , 2006, 91, 946-953.	5.3	1,111
5	Perceptions of safety at work: A framework for linking safety climate to safety performance, knowledge, and motivation.. <i>Journal of Occupational Health Psychology</i> , 2000, 5, 347-358.	3.3	367
6	A Multilevel Analysis of Effort, Practice, and Performance: Effects; of Ability, Conscientiousness, and Goal Orientation.. <i>Journal of Applied Psychology</i> , 2004, 89, 231-247.	5.3	290
7	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
8	An examination of the dynamic relationship between self-efficacy and performance across levels of analysis and levels of specificity.. <i>Journal of Applied Psychology</i> , 2006, 91, 1088-1101.	5.3	187
9	Safety Climate and Safety Behaviour. <i>Australian Journal of Management</i> , 2002, 27, 67-75.	2.2	171
10	Safety climate and safety at work.. , 2004, , 15-34.		167
11	Do Organizational Climate and Competitive Strategy Moderate the Relationship Between Human Resource Management and Productivity?. <i>Journal of Management</i> , 2005, 31, 492-512.	9.3	108
12	Dynamic Self-Regulation and Multiple-Goal Pursuit. <i>Annual Review of Organizational Psychology and Organizational Behavior</i> , 2017, 4, 401-423.	9.9	106
13	Subjective cognitive effort: A model of states, traits, and time.. <i>Journal of Applied Psychology</i> , 2008, 93, 617-631.	5.3	101
14	Predicting the form and direction of work role performance from the Big 5 model of personality traits. <i>Journal of Organizational Behavior</i> , 2012, 33, 175-192.	4.7	95
15	Using "War Stories" to Train for Adaptive Performance: Is it Better to Learn from Error or Success?. <i>Applied Psychology</i> , 2006, 55, 282-302.	7.1	88
16	Safety climate and culture: Integrating psychological and systems perspectives.. <i>Journal of Occupational Health Psychology</i> , 2017, 22, 341-353.	3.3	78
17	The Contribution of Task Performance and Contextual Performance to Effectiveness: Investigating the Role of Situational Constraints. <i>Applied Psychology</i> , 2000, 49, 517-533.	7.1	76
18	Episodic knowledge and implicit learning. <i>Psychonomic Bulletin and Review</i> , 1997, 4, 24-37.	2.8	66

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19	An analysis of relational complexity in an air traffic control conflict detection task. <i>Ergonomics</i> , 2006, 49, 1508-1526.	2.1	66
20	An examination of the relationship between workload and fatigue within and across consecutive days of work: Is the relationship static or dynamic?. <i>Journal of Occupational Health Psychology</i> , 2009, 14, 231-242.	3.3	62
21	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
22	Developing a Model of Individual Performance for Human Resource Management. <i>Asia Pacific Journal of Human Resources</i> , 1999, 37, 44-59.	3.9	53
23	ATC-labAdvanced: An air traffic control simulator with realism and control. <i>Behavior Research Methods</i> , 2009, 41, 118-127.	4.0	50
24	The dynamics of avoidance goal regulation. <i>Motivation and Emotion</i> , 2017, 41, 698-707.	1.3	49
25	A Review of the Perceptual and Cognitive Issues Associated With the Use of Head-Up Displays in Commercial Aviation. <i>The International Journal of Aviation Psychology</i> , 2006, 16, 1-19.	0.7	43
26	Revisiting the Functional Properties of Self-Efficacy. <i>Journal of Management</i> , 2013, 39, 1385-1396.	9.3	39
27	An examination of the relationship amongst profiles of perceived organizational values, safety climate and safety outcomes. <i>Safety Science</i> , 2013, 51, 69-76.	4.9	39
28	An Evidence Accumulation Model for Conflict Detection Performance in a Simulated Air Traffic Control Task. <i>Human Factors</i> , 2009, 51, 164-180.	3.5	38
29	Is Behavioral Engagement a Distinct and Useful Construct?. <i>Industrial and Organizational Psychology</i> , 2008, 1, 48-51.	0.6	35
30	How demands and resources impact chronic fatigue in the maritime industry. The mediating effect of acute fatigue, sleep quality and recovery. <i>Safety Science</i> , 2020, 121, 362-372.	4.9	35
31	An integrative formal model of motivation and decision making: The MGPM*.. <i>Journal of Applied Psychology</i> , 2016, 101, 1240-1265.	5.3	33
32	On the pursuit of multiple goals with different deadlines.. <i>Journal of Applied Psychology</i> , 2018, 103, 1242-1264.	5.3	33
33	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
34	The effect of motor task precision on pupil diameter. <i>Applied Ergonomics</i> , 2017, 65, 309-315.	3.1	24
35	ATC-lab: An air traffic control simulator for the laboratory. <i>Behavior Research Methods</i> , 2004, 36, 331-338.	1.3	22
36	Instance-based categorization: Automatic versus intentional forms of retrieval. <i>Memory and Cognition</i> , 1995, 23, 227-242.	1.6	20

#	ARTICLE	IF	CITATIONS
37	Development and Validation of a Multilevel Model for Predicting Workload Under Routine and Nonroutine Conditions in an Air Traffic Management Center. <i>Human Factors</i> , 2014, 56, 287-305.	3.5	19
38	Why people underestimate y when extrapolating in linear functions.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2006, 32, 1019-1030.	0.9	17
39	LEAD operational safety: Development and validation of a tool to measure safety control strategies. <i>Safety Science</i> , 2019, 118, 1-14.	4.9	17
40	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
41	An examination of learning processes during critical incident training: Implications for the development of adaptable trainees.. <i>Journal of Applied Psychology</i> , 2006, 91, 1276-1291.	5.3	16
42	Evidence accumulation in a complex task: Making choices about concurrent multiattribute stimuli under time pressure.. <i>Journal of Experimental Psychology: Applied</i> , 2016, 22, 1-23.	1.2	16
43	An Integrated Approach to Testing Dynamic, Multilevel Theory: Using Computational Models to Connect Theory, Model, and Data. <i>Organizational Research Methods</i> , 2021, 24, 251-284.	9.1	16
44	Using response time modeling to understand the sources of dual-task interference in a dynamic environment.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2019, 45, 1331-1345.	0.9	16
45	Understanding the causes of adapting, and failing to adapt, to time pressure in a complex multistimulus environment.. <i>Journal of Experimental Psychology: Applied</i> , 2018, 24, 380-399.	1.2	14
46	Departures from optimality when pursuing multiple approach or avoidance goals.. <i>Journal of Applied Psychology</i> , 2016, 101, 1056-1066.	5.3	13
47	Envisaging the Future Air Traffic Management System. <i>The International Journal of Aviation Psychology</i> , 2011, 21, 16-34.	0.7	12
48	On-the-Fly Scheduling as a Manifestation of Partial-Order Planning and Dynamic Task Values. <i>Human Factors</i> , 2014, 56, 1093-1112.	3.5	11
49	<i>Human Factors and Ergonomics</i> . , 2015, , 297-305.		11
50	Recognizing Potential: A Naturalistic Investigation of Employee Promotion Decisions. <i>Journal of Cognitive Engineering and Decision Making</i> , 2008, 2, 63-87.	2.3	10
51	Automated text analysis to examine qualitative differences in safety schema among upper managers, supervisors and workers. <i>Safety Science</i> , 2012, 50, 1775-1785.	4.9	10
52	Relative Position Vectors. <i>Human Factors</i> , 2013, 55, 946-964.	3.5	10
53	A dynamic, self-regulatory model of affect and performance: Interactions between states, traits and task demands. <i>Motivation and Emotion</i> , 2014, 38, 429-443.	1.3	10
54	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

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55	Future directions for implicit learning: Toward a clarification of issues associated with knowledge representation and consciousness. <i>Psychonomic Bulletin and Review</i> , 1997, 4, 73-78.	2.8	8
56	Adaptive decision making in a dynamic environment: A test of a sequential sampling model of relative judgment.. <i>Journal of Experimental Psychology: Applied</i> , 2013, 19, 266-284.	1.2	8
57	Investigating the joint effects of overload and underload on chronic fatigue and wellbeing. <i>Work and Stress</i> , 0, , 1-14.	4.5	8
58	A general architecture for modeling the dynamics of goal-directed motivation and decision-making.. <i>Psychological Review</i> , 2022, 129, 146-174.	3.8	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	Employee motivation profiles, energy levels, and approaches to sustaining energy: A two-wave latent-profile analysis. <i>Journal of Vocational Behavior</i> , 2021, 131, 103659.	3.4	8
61	A sequential sampling account of response bias and speedâ€“accuracy tradeoffs in a conflict detection task.. <i>Journal of Experimental Psychology: Applied</i> , 2014, 20, 55-68.	1.2	7
62	Information Processing Under Reward Versus Under Punishment. <i>Psychological Science</i> , 2019, 30, 757-764.	3.3	7
63	Conflict-Resolution Heuristics for En Route Air Traffic Management. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 71-75.	0.3	5
64	Safety Performance of Healthcare Professionals: Validation and Use of the Adapted Workplace Health and Safety Instrument. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7816.	2.6	5
65	Chapter 5 Measuring Affect Over Time: The Momentary Affect Scale. <i>Research on Emotion in Organizations</i> , 2012, , 141-173.	0.1	4
66	A formal model of goal revision in approach and avoidance contexts. <i>Organizational Behavior and Human Decision Processes</i> , 2018, 146, 51-61.	2.5	4
67	A dynamic model of decision making in ATC: Adaptation of criterion across angle and time. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2011, 55, 330-334.	0.3	3
68	Quantifying the psychological value of goal achievement. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 1184-1192.	2.8	3
69	Towards model based prediction of human error rates in interactive systems. , 0, , .		2
70	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
71	Item order matters in a function learning task.. <i>Canadian Journal of Experimental Psychology</i> , 2012, 66, 90-97.	0.8	0