

Andrew Neal

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

8,157
citations

159525

30
h-index

102432

66
g-index

73
all docs

73
docs citations

73
times ranked

4691
citing authors

#	ARTICLE	IF	CITATIONS
1	A general architecture for modeling the dynamics of goal-directed motivation and decision-making.. Psychological Review, 2022, 129, 146-174.	2.7	8
2	An Integrated Approach to Testing Dynamic, Multilevel Theory: Using Computational Models to Connect Theory, Model, and Data. Organizational Research Methods, 2021, 24, 251-284.	5.6	16
3	Safety Performance of Healthcare Professionals: Validation and Use of the Adapted Workplace Health and Safety Instrument. International Journal of Environmental Research and Public Health, 2021, 18, 7816.	1.2	5
4	Employee motivation profiles, energy levels, and approaches to sustaining energy: A two-wave latent-profile analysis. Journal of Vocational Behavior, 2021, 131, 103659.	1.9	8
5	How demands and resources impact chronic fatigue in the maritime industry. The mediating effect of acute fatigue, sleep quality and recovery. Safety Science, 2020, 121, 362-372.	2.6	35
6	LEAD operational safety: Development and validation of a tool to measure safety control strategies. Safety Science, 2019, 118, 1-14.	2.6	17
7	Information Processing Under Reward Versus Under Punishment. Psychological Science, 2019, 30, 757-764.	1.8	7
8	Cognitive control and capacity for prospective memory in complex dynamic environments.. Journal of Experimental Psychology: General, 2019, 148, 2181-2206.	1.5	29
9	Using response time modeling to understand the sources of dual-task interference in a dynamic environment.. Journal of Experimental Psychology: Human Perception and Performance, 2019, 45, 1331-1345.	0.7	16
10	Prospective memory in the red zone: Cognitive control and capacity sharing in a complex, multi-stimulus task.. Journal of Experimental Psychology: Applied, 2019, 25, 695-715.	0.9	10
11	A formal model of goal revision in approach and avoidance contexts. Organizational Behavior and Human Decision Processes, 2018, 146, 51-61.	1.4	4
12	Quantifying the psychological value of goal achievement. Psychonomic Bulletin and Review, 2018, 25, 1184-1192.	1.4	3
13	On the pursuit of multiple goals with different deadlines.. Journal of Applied Psychology, 2018, 103, 1242-1264.	4.2	33
14	Understanding the causes of adapting, and failing to adapt, to time pressure in a complex multistimulus environment.. Journal of Experimental Psychology: Applied, 2018, 24, 380-399.	0.9	14
15	Dynamic Self-Regulation and Multiple-Goal Pursuit. Annual Review of Organizational Psychology and Organizational Behavior, 2017, 4, 401-423.	5.6	106
16	Safety climate and culture: Integrating psychological and systems perspectives.. Journal of Occupational Health Psychology, 2017, 22, 341-353.	2.3	78
17	The effect of motor task precision on pupil diameter. Applied Ergonomics, 2017, 65, 309-315.	1.7	24
18	The dynamics of avoidance goal regulation. Motivation and Emotion, 2017, 41, 698-707.	0.8	49

#	ARTICLE	IF	CITATIONS
19	An integrative formal model of motivation and decision making: The MGPM*.. Journal of Applied Psychology, 2016, 101, 1240-1265.	4.2	33
20	Evidence accumulation in a complex task: Making choices about concurrent multiattribute stimuli under time pressure.. Journal of Experimental Psychology: Applied, 2016, 22, 1-23.	0.9	16
21	Departures from optimality when pursuing multiple approach or avoidance goals.. Journal of Applied Psychology, 2016, 101, 1056-1066.	4.2	13
22	Human Factors and Ergonomics. , 2015, , 297-305.		11
23	Development and Validation of a Multilevel Model for Predicting Workload Under Routine and Nonroutine Conditions in an Air Traffic Management Center. Human Factors, 2014, 56, 287-305.	2.1	19
24	A dynamic, self-regulatory model of affect and performance: Interactions between states, traits and task demands. Motivation and Emotion, 2014, 38, 429-443.	0.8	10
25	A sequential sampling account of response bias and speedâ€“accuracy tradeoffs in a conflict detection task.. Journal of Experimental Psychology: Applied, 2014, 20, 55-68.	0.9	7
26	On-the-Fly Scheduling as a Manifestation of Partial-Order Planning and Dynamic Task Values. Human Factors, 2014, 56, 1093-1112.	2.1	11
27	Revisiting the Functional Properties of Self-Efficacy. Journal of Management, 2013, 39, 1385-1396.	6.3	39
28	An examination of the relationship amongst profiles of perceived organizational values, safety climate and safety outcomes. Safety Science, 2013, 51, 69-76.	2.6	39
29	Relative Position Vectors. Human Factors, 2013, 55, 946-964.	2.1	10
30	Adaptive decision making in a dynamic environment: A test of a sequential sampling model of relative judgment.. Journal of Experimental Psychology: Applied, 2013, 19, 266-284.	0.9	8
31	Conflict-Resolution Heuristics for En Route Air Traffic Management. Proceedings of the Human Factors and Ergonomics Society, 2013, 57, 71-75.	0.2	5
32	Item order matters in a function learning task.. Canadian Journal of Experimental Psychology, 2012, 66, 90-97.	0.7	0
33	Chapter 5 Measuring Affect Over Time: The Momentary Affect Scale. Research on Emotion in Organizations, 2012, , 141-173.	0.1	4
34	Automated text analysis to examine qualitative differences in safety schema among upper managers, supervisors and workers. Safety Science, 2012, 50, 1775-1785.	2.6	10
35	Predicting the form and direction of work role performance from the Big 5 model of personality traits. Journal of Organizational Behavior, 2012, 33, 175-192.	2.9	95
36	Envisaging the Future Air Traffic Management System. The International Journal of Aviation Psychology, 2011, 21, 16-34.	0.7	12

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37	A dynamic model of decision making in ATC: Adaptation of criterion across angle and time. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 330-334.	0.2	3
38	ATC-labAdvanced: An air traffic control simulator with realism and control. Behavior Research Methods, 2009, 41, 118-127.	2.3	50
39	A theory and model of conflict detection in air traffic control: Incorporating environmental constraints.. Journal of Experimental Psychology: Applied, 2009, 15, 106-124.	0.9	60
40	An Evidence Accumulation Model for Conflict Detection Performance in a Simulated Air Traffic Control Task. Human Factors, 2009, 51, 164-180.	2.1	38
41	An examination of the relationship between workload and fatigue within and across consecutive days of work: Is the relationship static or dynamic?. Journal of Occupational Health Psychology, 2009, 14, 231-242.	2.3	62
42	Is Behavioral Engagement a Distinct and Useful Construct?. Industrial and Organizational Psychology, 2008, 1, 48-51.	0.5	35
43	Recognizing Potential: A Naturalistic Investigation of Employee Promotion Decisions. Journal of Cognitive Engineering and Decision Making, 2008, 2, 63-87.	0.9	10
44	Subjective cognitive effort: A model of states, traits, and time.. Journal of Applied Psychology, 2008, 93, 617-631.	4.2	101
45	A New Model of Work Role Performance: Positive Behavior in Uncertain and Interdependent Contexts. Academy of Management Journal, 2007, 50, 327-347.	4.3	1,544
46	Modeling and Predicting Mental Workload in En Route Air Traffic Control: Critical Review and Broader Implications. Human Factors, 2007, 49, 376-399.	2.1	254
47	The development of a general associative learning account of skill acquisition in a relative arrival-time judgment task.. Journal of Experimental Psychology: Human Perception and Performance, 2007, 33, 938-959.	0.7	8
48	A Review of the Perceptual and Cognitive Issues Associated With the Use of Head-Up Displays in Commercial Aviation. The International Journal of Aviation Psychology, 2006, 16, 1-19.	0.7	43
49	A study of the lagged relationships among safety climate, safety motivation, safety behavior, and accidents at the individual and group levels.. Journal of Applied Psychology, 2006, 91, 946-953.	4.2	1,111
50	Why people underestimate y when extrapolating in linear functions.. Journal of Experimental Psychology: Learning Memory and Cognition, 2006, 32, 1019-1030.	0.7	17
51	An examination of learning processes during critical incident training: Implications for the development of adaptable trainees.. Journal of Applied Psychology, 2006, 91, 1276-1291.	4.2	16
52	An examination of the dynamic relationship between self-efficacy and performance across levels of analysis and levels of specificity.. Journal of Applied Psychology, 2006, 91, 1088-1101.	4.2	187
53	Using "War Stories" to Train for Adaptive Performance: Is it Better to Learn from Error or Success?. Applied Psychology, 2006, 55, 282-302.	4.4	88
54	An analysis of relational complexity in an air traffic control conflict detection task. Ergonomics, 2006, 49, 1508-1526.	1.1	66

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55	Do Organizational Climate and Competitive Strategy Moderate the Relationship Between Human Resource Management and Productivity?. <i>Journal of Management</i> , 2005, 31, 492-512.	6.3	108
56	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.	0.2	2
57	ATC-lab: An air traffic control simulator for the laboratory. <i>Behavior Research Methods</i> , 2004, 36, 331-338.	1.3	22
58	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.	4.2	290
59	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.	0.9	16
60	Safety climate and safety at work.. , 2004, , 15-34.		167
61	Safety Climate and Safety Behaviour. <i>Australian Journal of Management</i> , 2002, 27, 67-75.	1.2	171
62	The impact of organizational climate on safety climate and individual behavior. <i>Safety Science</i> , 2000, 34, 99-109.	2.6	1,163
63	The Contribution of Task Performance and Contextual Performance to Effectiveness: Investigating the Role of Situational Constraints. <i>Applied Psychology</i> , 2000, 49, 517-533.	4.4	76
64	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.	2.3	1,121
65	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.	2.3	367
66	Developing a Model of Individual Performance for Human Resource Management. <i>Asia Pacific Journal of Human Resources</i> , 1999, 37, 44-59.	2.5	53
67	Episodic knowledge and implicit learning. <i>Psychonomic Bulletin and Review</i> , 1997, 4, 24-37.	1.4	66
68	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.	1.4	8
69	Instance-based categorization: Automatic versus intentional forms of retrieval. <i>Memory and Cognition</i> , 1995, 23, 227-242.	0.9	20
70	Towards model based prediction of human error rates in interactive systems. , 0, , .		2
71	Investigating the joint effects of overload and underload on chronic fatigue and wellbeing. <i>Work and Stress</i> , 0, , 1-14.	2.8	8