

# Benjamin Newell

## List of Publications by Year in descending order

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144  
papers

5,747  
citations

81743

39  
h-index

91712

69  
g-index

147  
all docs

147  
docs citations

147  
times ranked

4158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unconscious influences on decision making: A critical review. Behavioral and Brain Sciences, 2014, 37, 1-19.	0.4	417
2	Personal experience and the "psychological distance" of climate change: An integrative review. Journal of Environmental Psychology, 2015, 44, 109-118.	2.3	372
3	Unpacking the exploration-exploitation tradeoff: A synthesis of human and animal literatures.. Decision, 2015, 2, 191-215.	0.4	216
4	Universal aesthetic of fractals. Computers and Graphics, 2003, 27, 813-820.	1.4	199
5	Take the best or look at the rest? Factors influencing "one-reason" decision making.. Journal of Experimental Psychology: Learning Memory and Cognition, 2003, 29, 53-65.	0.7	185
6	Empirical tests of a fast-and-frugal heuristic: Not everyone "takes-the-best". Organizational Behavior and Human Decision Processes, 2003, 91, 82-96.	1.4	171
7	Degrees of uncertainty: An overview and framework for future research on experience-based choice. Journal of Behavioral Decision Making, 2010, 23, 1-14.	1.0	170
8	Priming Intelligent Behavior: An Elusive Phenomenon. PLoS ONE, 2013, 8, e56515.	1.1	168
9	Dimensions in data: testing psychological models using state-trace analysis. Trends in Cognitive Sciences, 2008, 12, 285-290.	4.0	147
10	Seepage: Climate change denial and its effect on the scientific community. Global Environmental Change, 2015, 33, 1-13.	3.6	139
11	Re-visions of rationality?. Trends in Cognitive Sciences, 2005, 9, 11-15.	4.0	129
12	In conflict with ourselves? An investigation of heuristic and analytic processes in decision making. Memory and Cognition, 2010, 38, 186-196.	0.9	126
13	Think, blink or sleep on it? The impact of modes of thought on complex decision making. Quarterly Journal of Experimental Psychology, 2009, 62, 707-732.	0.6	120
14	Biased samples not mode of presentation: Re-examining the apparent underweighting of rare events in experience-based choice. Organizational Behavior and Human Decision Processes, 2008, 106, 168-179.	1.4	118
15	Insight and strategy in multiple-cue learning.. Journal of Experimental Psychology: General, 2006, 135, 162-183.	1.5	110
16	Take the best or look at the rest? Factors influencing "one-reason" decision making. Journal of Experimental Psychology: Learning Memory and Cognition, 2003, 29, 53-65.	0.7	99
17	Search strategies in decision making: the success of "success". Journal of Behavioral Decision Making, 2004, 17, 117-137.	1.0	98
18	Predicting climate change risk perception and willingness to act. Journal of Environmental Psychology, 2019, 65, 101331.	2.3	96

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19	The Psychology of Environmental Decisions. Annual Review of Environment and Resources, 2014, 39, 443-467.	5.6	88
20	When and why rare events are underweighted: A direct comparison of the sampling, partial feedback, full feedback and description choice paradigms. Psychonomic Bulletin and Review, 2011, 18, 377-384.	1.4	77
21	On the binary quality of recognition and the inconsequentiality of further knowledge: two critical tests of the recognition heuristic. Journal of Behavioral Decision Making, 2006, 19, 333-346.	1.0	75
22	Challenging the role of implicit processes in probabilistic category learning. Psychonomic Bulletin and Review, 2007, 14, 505-511.	1.4	72
23	The role of experience in decisions from description. Psychonomic Bulletin and Review, 2007, 14, 1133-1139.	1.4	70
24	The expression and interpretation of uncertain forensic science evidence: Verbal equivalence, evidence strength, and the weak evidence effect.. Law and Human Behavior, 2013, 37, 197-207.	0.6	67
25	The dimensionality of perceptual category learning: A state-trace analysis. Memory and Cognition, 2010, 38, 563-581.	0.9	65
26	Learning and choosing in an uncertain world: An investigation of the explore-exploit dilemma in static and dynamic environments. Cognitive Psychology, 2016, 85, 43-77.	0.9	60
27	Induction with uncertain categories: When do people consider the category alternatives?. Memory and Cognition, 2009, 37, 730-743.	0.9	54
28	I Don't Believe It, But I'd Better Do Something About It: Patient Experiences of Online Heart Age Risk Calculators. Journal of Medical Internet Research, 2014, 16, e120.	2.1	52
29	On the Role of Recognition in Decision Making.. Journal of Experimental Psychology: Learning Memory and Cognition, 2004, 30, 923-935.	0.7	51
30	The Effect of Framing and Normative Messages in Building Support for Climate Policies. PLoS ONE, 2014, 9, e114335.	1.1	51
31	Description- and experience-based choice: Does equivalent information equal equivalent choice?. Acta Psychologica, 2011, 136, 276-284.	0.7	48
32	Registered Replication Report: Dijksterhuis and van Knippenberg (1998). Perspectives on Psychological Science, 2018, 13, 268-294.	5.2	46
33	Scientific uncertainty and climate change: Part I. Uncertainty and unabated emissions. Climatic Change, 2014, 124, 21-37.	1.7	44
34	Recognising what you like: Examining the relation between the mere-exposure effect and recognition. European Journal of Cognitive Psychology, 2007, 19, 103-118.	1.3	43
35	The testing effect: The role of feedback and collaboration in a tertiary classroom setting. Applied Cognitive Psychology, 2010, 24, 1183-1195.	0.9	42
36	The right tool for the job? Comparing an evidence accumulation and a naive strategy selection model of decision making. Journal of Behavioral Decision Making, 2011, 24, 456-481.	1.0	42

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37	Working memory does not dissociate between different perceptual categorization tasks.. Journal of Experimental Psychology: Learning Memory and Cognition, 2012, 38, 881-904.	0.7	42
38	The effect of feedback delay and feedback type on perceptual category learning: The limits of multiple systems.. Journal of Experimental Psychology: Learning Memory and Cognition, 2012, 38, 840-859.	0.7	41
39	Systems of Category Learning. Psychology of Learning and Motivation - Advances in Research and Theory, 2011, 54, 167-215.	0.5	40
40	Revising Beliefs about the Merit of Unconscious Thought: Evidence in Favor of the Null Hypothesis. Social Cognition, 2011, 29, 711-726.	0.5	40
41	Straight Choices. , 0, , .		40
42	Noncategorical approaches to feature prediction with uncertain categories. Memory and Cognition, 2011, 39, 304-318.	0.9	39
43	Rich in vitamin C or just a convenient snack? Multiple-category reasoning with cross-classified foods. Memory and Cognition, 2011, 39, 92-106.	0.9	34
44	Just Interested or Getting Involved? An Analysis of Superannuation Attitudes and Actions. Economic Record, 2014, 90, 160-178.	0.2	32
45	Is the "Heart Age" Concept Helpful or Harmful Compared to Absolute Cardiovascular Disease Risk? An Experimental Study. Medical Decision Making, 2015, 35, 967-978.	1.2	32
46	The Role of Working Memory in Information Acquisition and Decision Making: Lessons from the Binary Prediction Task. Quarterly Journal of Experimental Psychology, 2010, 63, 1335-1360.	0.6	31
47	The Psychology of Global Warming. Bulletin of the American Meteorological Society, 2010, 91, 1003-1014.	1.7	30
48	Scientific uncertainty and climate change: Part II. Uncertainty and mitigation. Climatic Change, 2014, 124, 39-52.	1.7	30
49	Mind the gap? Description, experience, and the continuum of uncertainty in risky choice. Progress in Brain Research, 2013, 202, 55-71.	0.9	29
50	Rare disaster information can increase risk-taking. Nature Climate Change, 2016, 6, 158-161.	8.1	29
51	More heads choose better than one: Group decision making can eliminate probability matching. Psychonomic Bulletin and Review, 2016, 23, 907-914.	1.4	29
52	The relationship between the structural mere exposure effect and the implicit learning process. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2001, 54, 1087-1104.	2.3	28
53	Perceptual but not complex moral judgments can be biased by exploiting the dynamics of eye-gaze.. Journal of Experimental Psychology: General, 2018, 147, 409-417.	1.5	28
54	Identifying strategy use in category learning tasks: A case for more diagnostic data and models.. Journal of Experimental Psychology: Learning Memory and Cognition, 2015, 41, 933-948.	0.7	27

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55	Managing the Budget: Stockâ€Flow Reasoning and the <sc>CO</sc><sub>2</sub> Accumulation Problem. Topics in Cognitive Science, 2016, 8, 138-159.	1.1	27
56	People as Intuitive Scientists: Reconsidering Statistical Explanations of Decision Making. Trends in Cognitive Sciences, 2020, 24, 1008-1018.	4.0	27
57	Prime Numbers: Anchoring and its Implications for Theories of Behavior Priming. Social Cognition, 2014, 32, 88-108.	0.5	26
58	The psychology of interpreting expert evaluative opinions. Australian Journal of Forensic Sciences, 2013, 45, 305-314.	0.7	24
59	Overcoming Ambiguity Aversion Through Experience. Journal of Behavioral Decision Making, 2015, 28, 188-199.	1.0	24
60	Meeting Three Challenges in Risk Communication. Policy Insights From the Behavioral and Brain Sciences, 2015, 2, 147-156.	1.4	23
61	Evaluating Three Criteria for Establishing Cue-Search Hierarchies in Inferential Judgment.. Journal of Experimental Psychology: Learning Memory and Cognition, 2005, 31, 1088-1104.	0.7	22
62	Modeling the adaptation of search termination in human decision making.. Decision, 2014, 1, 223-251.	0.4	22
63	Consensus-based guidance for conducting and reporting multi-analyst studies. ELife, 2021, 10, .	2.8	22
64	Probability matching in risky choice: The interplay of feedback and strategy availability. Memory and Cognition, 2013, 41, 329-338.	0.9	21
65	The role of causal models in multiple judgments under uncertainty. Cognition, 2014, 133, 611-620.	1.1	21
66	Of matchers and maximizers: How competition shapes choice under risk and uncertainty. Cognitive Psychology, 2015, 78, 78-98.	0.9	21
67	As easy as pie: How retirement savers use prescribed investment disclosures. Journal of Economic Behavior and Organization, 2016, 121, 60-76.	1.0	20
68	Engagement with Retirement Savings: It Is a Matter of Trust. Journal of Consumer Affairs, 2019, 53, 917-945.	1.2	20
69	Simultaneous underweighting and overestimation of rare events: Unpacking a paradox.. Journal of Experimental Psychology: General, 2019, 148, 2207-2217.	1.5	20
70	Exposure Is Not Enough: Suppressing Stimuli from Awareness Can Abolish the Mere Exposure Effect. PLoS ONE, 2013, 8, e77726.	1.1	19
71	The long and short of it: Closing the description-experience â€œgapâ€ by taking the long-run view. Cognition, 2013, 126, 54-71.	1.1	18
72	Well past midnight: Calling time on implicit invariant learning?. European Journal of Cognitive Psychology, 2002, 14, 185-205.	1.3	17

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73	Reinstating the Frontal Lobes? Having More Time to Think Improves Implicit Perceptual Categorization. <i>Psychological Science</i> , 2013, 24, 386-389.	1.8	17
74	A Hierarchical Bayesian Modeling Approach to Searching and Stopping in Multi-Attribute Judgment. <i>Cognitive Science</i> , 2014, 38, 1384-1405.	0.8	17
75	State-trace analysis can be an appropriate tool for assessing the number of cognitive systems: A reply to Ashby (2014). <i>Psychonomic Bulletin and Review</i> , 2014, 21, 947-954.	1.4	16
76	On the likelihood of "encapsulating all uncertainty". <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017, 57, 76-79.	1.3	16
77	The Effectiveness of Feedback in Multiple-Cue Probability Learning. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 890-908.	0.6	15
78	Feature-based versus category-based induction with uncertain categories.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2012, 38, 576-595.	0.7	14
79	Can a single model account for both risky choices and inter-temporal choices? Testing the assumptions underlying models of risky inter-temporal choice. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 785-792.	1.4	14
80	Deferred Feedback Does Not Dissociate Implicit and Explicit Category-Learning Systems: Commentary on Smith et al. (2014). <i>Psychological Science</i> , 2019, 30, 1403-1409.	1.8	14
81	Levels of Processing Effects on Implicit and Explicit Memory Tasks. <i>Experimental Psychology</i> , 2004, 51, 132-144.	0.3	14
82	The subliminal mere exposure effect does not generalize to structurally related stimuli.. <i>Canadian Journal of Experimental Psychology</i> , 2003, 57, 61-68.	0.7	13
83	Personal experience in doctor and patient decision making: from psychology to medicine. <i>Journal of Evaluation in Clinical Practice</i> , 2009, 15, 993-995.	0.9	13
84	Speeded induction under uncertainty: The influence of multiple categories and feature conjunctions. <i>Psychonomic Bulletin and Review</i> , 2010, 17, 869-874.	1.4	13
85	Valuation and estimation from experience. <i>Journal of Behavioral Decision Making</i> , 2021, 34, 729-741.	1.0	13
86	An evaluation and comparison of models of risky intertemporal choice.. <i>Psychological Review</i> , 2020, 127, 1097-1138.	2.7	13
87	"Wait! Just Let Me Not Think About That for a Minute". <i>Current Directions in Psychological Science</i> , 2015, 24, 65-70.	2.8	12
88	Ambiguity and Conflict Aversion When Uncertainty Is in the Outcomes. <i>Frontiers in Psychology</i> , 2019, 10, 539.	1.1	12
89	More is generally better: Higher working memory capacity does not impair perceptual category learning.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2017, 43, 503-514.	0.7	12
90	Super-Underweighting of Rare Events with Repeated Descriptive Summaries. <i>Journal of Behavioral Decision Making</i> , 2015, 28, 67-75.	1.0	11

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91	Forgone but not forgotten: the effects of partial and full feedback in "harsh" and "kind" environments. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 1807-1813.	1.4	11
92	Consider the alternative: The effects of causal knowledge on representing and using alternative hypotheses in judgments under uncertainty.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2016, 42, 723-739.	0.7	11
93	The relative effects of abstract versus concrete rumination on the experience of post-decisional regret. <i>Behaviour Research and Therapy</i> , 2018, 108, 18-28.	1.6	11
94	Elucidating the differential impact of extreme-outcomes in perceptual and preferential choice. <i>Cognitive Psychology</i> , 2020, 119, 101274.	0.9	11
95	The relationship between the structural mere exposure effect and the implicit learning process. , 0, .		11
96	Getting scarred and winning lotteries: effects of exemplar cuing and statistical format on imagining low-probability events. <i>Journal of Behavioral Decision Making</i> , 2008, 21, 317-335.	1.0	10
97	Magnitude and incentives: revisiting the overweighting of extreme events in risky decisions from experience. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 1925-1933.	1.4	10
98	Causal explanation improves judgment under uncertainty, but rarely in a Bayesian way. <i>Memory and Cognition</i> , 2018, 46, 112-131.	0.9	10
99	Now for sure or later with a risk? Modeling risky intertemporal choice as accumulated preference.. <i>Decision</i> , 2020, 7, 91-120.	0.4	10
100	Comparing anticipation and uncertainty-penalty accounts of noninstrumental information seeking.. <i>Decision</i> , 2023, 10, 247-267.	0.4	10
101	On the immunity of perceptual implicit memory to manipulations of attention. <i>Memory and Cognition</i> , 2008, 36, 725-734.	0.9	9
102	People Wait Longer when the Alternative is Risky: The Relation Between Preferences in Risky and Intertemporal Choice. <i>Journal of Behavioral Decision Making</i> , 2017, 30, 1078-1092.	1.0	9
103	How to Change the Weight of Rare Events in Decisions From Experience. <i>Psychological Science</i> , 2019, 30, 1767-1779.	1.8	9
104	Better calibration when predicting from experience (rather than description). <i>Organizational Behavior and Human Decision Processes</i> , 2019, 150, 62-82.	1.4	9
105	How top-down and bottom-up attention modulate risky choice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	9
106	A Bayesian latent-mixture model analysis shows that informative samples reduce base-rate neglect.. <i>Decision</i> , 2015, 2, 306-318.	0.4	8
107	Taking the easy way out? Increasing implementation effort reduces probability maximizing under cognitive load. <i>Memory and Cognition</i> , 2016, 44, 806-818.	0.9	8
108	Multiple context mere exposure: Examining the limits of liking. <i>Quarterly Journal of Experimental Psychology</i> , 2016, 69, 521-534.	0.6	7

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109	What makes for compelling science? Evidential diversity in the evaluation of scientific arguments. <i>Global Environmental Change</i> , 2018, 49, 186-196.	3.6	7
110	Eliminating the mere exposure effect through changes in context between exposure and test. <i>Cognition and Emotion</i> , 2013, 27, 1345-1358.	1.2	6
111	Fairness overrides reputation: the importance of fairness considerations in altruistic cooperation. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 252.	1.0	6
112	The relative effects of abstract versus concrete thinking on decision-making in depression. <i>Behaviour Research and Therapy</i> , 2018, 110, 11-21.	1.6	6
113	Dissociable learning processes, associative theory, and testimonial reviews: A comment on Smith and Church (2018). <i>Psychonomic Bulletin and Review</i> , 2019, 26, 1988-1993.	1.4	6
114	The Relative Effects of Abstract Versus Concrete Processing on Proactivity in Depression. <i>Behavior Therapy</i> , 2019, 50, 325-339.	1.3	6
115	Evidence against hyperspecificity in implicit invariant learning. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2002, 55, 1109-1126.	2.3	5
116	Where to look first for an explanation of induction with uncertain categories. <i>Psychonomic Bulletin and Review</i> , 2011, 18, 1212-1221.	1.4	5
117	Levels of explanation in category learning. <i>Australian Journal of Psychology</i> , 2012, 64, 46-51.	1.4	5
118	Judgment Under Uncertainty. , 2013, , .		5
119	Would you rule out going green? The effect of inclusion versus exclusion mindset on pro-environmental willingness. <i>European Journal of Social Psychology</i> , 2014, 44, 507-513.	1.5	5
120	Priming Risky Choice: Do Risk Preferences Need Inferences?. <i>Journal of Behavioral Decision Making</i> , 2017, 30, 332-346.	1.0	5
121	Probability matching does not decrease under cognitive load: A preregistered failure to replicate. <i>Memory and Cognition</i> , 2019, 47, 511-518.	0.9	5
122	Maximizing as satisficing: On pattern matching and probability maximizing in groups and individuals. <i>Cognition</i> , 2020, 205, 104382.	1.1	5
123	Two Bayesian tests of the GLOMOsys Model.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, e81-e95.	1.5	5
124	Compete, coordinate, and cooperate: How to exploit uncertain environments with social interaction.. <i>Journal of Experimental Psychology: General</i> , 2015, 144, 967-981.	1.5	4
125	Protection from uncertainty in the exploration/exploitation trade-off.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2022, 48, 547-568.	0.7	4
126	Hold it! The influence of lingering rewards on choice diversification and persistence.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2017, 43, 1752-1767.	0.7	4



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127	Empirical comparison of the adjustable spanner and the adaptive toolbox models of choice.. Journal of Experimental Psychology: Learning Memory and Cognition, 2019, 45, 1151-1165.	0.7	4
128	Toward nonprobabilistic explanations of learning and decision-making.. Psychological Review, 2023, 130, 546-568.	2.7	4
129	The role of risk, regret, and rejoice in nonâ€instrumental information seeking. Journal of Behavioral Decision Making, 2023, 36, .	1.0	4
130	Skilled bandits: Learning to choose in a reactive world.. Journal of Experimental Psychology: Learning Memory and Cognition, 2021, 47, 879-905.	0.7	3
131	What is the link between propositions and memories?. Behavioral and Brain Sciences, 2009, 32, 219-219.	0.4	2
132	The primacy of conscious decision making. Behavioral and Brain Sciences, 2014, 37, 45-61.	0.4	2
133	Applying behavioural insights to child protection: venturing beyond the low-hanging fruit. Behavioural Public Policy, 2022, 6, 439-463.	1.6	2
134	Metacognitive myopia in change detection: A collective approach to overcome a persistent anomaly.. Journal of Experimental Psychology: Learning Memory and Cognition, 2020, 46, 649-668.	0.7	2
135	Missing the target: A reply to Koehler & Macchi (2009). Journal of Behavioral Decision Making, 2009, 22, 528-532.	1.0	1
136	Is strong reciprocity really strong in the lab, let alone in the real world?. Behavioral and Brain Sciences, 2012, 35, 29-29.	0.4	1
137	Appropriate responses to potential child abuse: The importance of information quality. Child Abuse and Neglect, 2021, 117, 105062.	1.3	1
138	What is the purpose of cognition?. Behavioral and Brain Sciences, 2020, 43, e25.	0.4	1
139	Adapting to the algorithm: how accuracy comparisons promote the use of a decision aid. Cognitive Research: Principles and Implications, 2022, 7, 14.	1.1	1
140	A Case Report of Reappearance of Spinal Anesthesia. Regional Anesthesia and Pain Medicine, 2008, 33, 271-272.	1.1	0
141	The uncertain status of Bayesian accounts of reasoning. Behavioral and Brain Sciences, 2011, 34, 201-202.	0.4	0
142	A quantum of truth? Querying the alternative benchmark for human cognition. Behavioral and Brain Sciences, 2013, 36, 300-302.	0.4	0
143	Empirical Tests of a Fast-and-Frugal Heuristic: Not Everyone â€Takes-the-Bestâ€, 2011, , 383-397.		0
144	Defaults, disclosures, advice and calculators: One size does not fit all. Journal of Behavioral and Experimental Finance, 2022, , 100690.	2.1	0