Jonathan D Nelson

List of Publications by Year
in descending order

27 papers	1,812 citations	687363 13 h-index	752698 20 g-index
37 all docs	37 docs citations	37 times ranked	1895 citing authors

#	Article	IF	Citations
1	Human cortical representations for reaching: Mirror neurons for execution, observation, and imagery. NeuroImage, 2007, 37, 1315-1328.	4.2	501
2	What a speaker's choice of frame reveals: Reference points, frame selection, and framing effects. Psychonomic Bulletin and Review, 2003, 10, 596-602.	2.8	238
3	Multiple Parietal Reach Regions in Humans: Cortical Representations for Visual and Proprioceptive Feedback during On-Line Reaching. Journal of Neuroscience, 2009, 29, 2961-2971.	3.6	223
4	Finding Useful Questions: On Bayesian Diagnosticity, Probability, Impact, and Information Gain.. Psychological Review, 2005, 112, 979-999.	3.8	212
5	Generalization guides human exploration in vast decision spaces. Nature Human Behaviour, 2018, 2, 915-924.	12.0	132
6	Experience Matters. Psychological Science, 2010, 21, 960-969.	3.3	91
7	How Embodied Is Perceptual Decision Making? Evidence for Separate Processing of Perceptual and Motor Decisions. Journal of Neuroscience, 2013, 33, 2121-2136.	3.6	90
8	Generalized Information Theory Meets Human Cognition: Introducing a Unified Framework to Model Uncertainty and Information Search. Cognitive Science, 2018, 42, 1410-1456.	1.7	52
9	Children's sequential information search is sensitive to environmental probabilities. Cognition, 2014, 130, 74-80.	2.2	49
10	Asking the right questions about the psychology of human inquiry: Nine open challenges. Psychonomic Bulletin and Review, 2019, 26, 1548-1587.	2.8	40
11	A probabilistic model of eye movements in concept formation. Neurocomputing, 2007, 70, 2256-2272.	5.9	31
12	The ventral striatum dissociates information expectation, reward anticipation, and reward receipt. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15200-15208.	7.1	26
13	Asking better questions: How presentation formats influence information search.. Journal of Experimental Psychology: Learning Memory and Cognition, 2017, 43, 1274-1297.	0.9	25
14	Stepwise versus globally optimal search in children and adults. Cognition, 2019, 191, 103965.	2.2	16
15	Simple Heuristics and the Modelling of Crowd Behaviours. , 2014, , 75-90.		15
16	Towards a rational theory of human information acquisition. , 2008, , 143-164.		14
17	Naïve optimality: Subjects' heuristics can be better motivated than experimenters' optimal models. Behavioral and Brain Sciences, 2009, 32, 94-95.	0.7	10
18	Probabilistic functionalism: A unifying paradigm for the cognitive sciences. Behavioral and Brain Sciences, 2001, 24, 690-692.	0.7	7

#	Article	IF	Citations
19	Naïve and Robust: Class‐Conditional Independence in Human Classification Learning. Cognitive Science, 2018, 42, 4-42.	1.7	7
20	Editorial: Judgment and Decision Making Under Uncertainty: Descriptive, Normative, and Prescriptive Perspectives. Frontiers in Psychology, 2019, 10, 1506.	2.1	3
21	Increased Anxiety is Associated with Better Learning from Negative Feedback. Psychology Learning and Teaching, 2021, 20, 76-90.	2.0	2
22	"Finding useful questions: On Bayesian diagnosticity, probability, impact, and information gain": Correction to Nelson (2005).. Psychological Review, 2007, 114, 677-677.	3.8	1
23	Playing Entropy Mastermind can Foster Children's Information-Theoretical Intuitions. Frontiers in Education, 2021, 6, .	2.1	0
24	Applying Information Theory to Validate Commanders' Critical Information Requirements. SSRN Electronic Journal, 0, , .	0.4	0
25	The Paradox of Help Seeking in the Entropy Mastermind Game. Frontiers in Education, 2020, 5, .	2.1	0
26	The likelihood difference heuristic and binary test selection given situation-specific utilities.. Decision, 2022, 9, 285-319.	0.5	0
27	What Makes a Good Query?. , 2022, , 101-123.		0