Simon J Handley

List of Publications by Year
in descending order

86 papers	3,674 citations	136950 32 h-index	138484 58 g-index
89 all docs	89 docs citations	89 times ranked	1587 citing authors

#	Article	IF	Citations
1	Frequency versus probability formats in statistical word problems. Cognition, 2000, 77, 197-213.	2.2	271
2	The probability of causal conditionals. Cognitive Psychology, 2007, 54, 62-97.	2.2	214
3	Conditionals and conditional probability.. Journal of Experimental Psychology: Learning Memory and Cognition, 2003, 29, 321-335.	0.9	193
4	: Working memory, inhibitory control and the development of children's reasoning. Thinking and Reasoning, 2004, 10, 175-195.	3.2	150
5	Suppositions, extensionality, and conditionals: A critique of the mental model theory of Johnson-Laird and Byrne (2002).. Psychological Review, 2005, 112, 1040-1052.	3.8	129
6	The story of some : Everyday pragmatic inference by children and adults.. Canadian Journal of Experimental Psychology, 2004, 58, 121-132.	0.8	126
7	Falsifying mental models: Testing the predictions of theories of syllogistic reasoning. Memory and Cognition, 1999, 27, 344-354.	1.6	125
8	Individual Differences in Deductive Reasoning. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2004, 57, 33-60.	2.3	119
9	The influence of cognitive ability and instructional set on causal conditional inference. Quarterly Journal of Experimental Psychology, 2010, 63, 892-909.	1.1	117
10	Thinking about conditionals: A study of individual differences. Memory and Cognition, 2007, 35, 1772-1784.	1.6	105
11	Persuading and dissuading by conditional argumentâ˜†. Journal of Memory and Language, 2005, 53, 238-257.	2.1	91
12	How smart do you need to be to get it wrong? The role of cognitive capacity in the development of heuristic-based judgment. Journal of Experimental Child Psychology, 2008, 99, 18-36.	1.4	90
13	Reasoning about necessity and possibility: A test of the mental model theory of deduction.. Journal of Experimental Psychology: Learning Memory and Cognition, 1999, 25, 1495-1513.	0.9	87
14	Base rates: Both neglected and intuitive.. Journal of Experimental Psychology: Learning Memory and Cognition, 2014, 40, 544-554.	0.9	77
15	Logic, beliefs, and instruction: A test of the default interventionist account of belief bias.. Journal of Experimental Psychology: Learning Memory and Cognition, 2011, 37, 28-43.	0.9	76
16	Background beliefs in Bayesian inference. Memory and Cognition, 2002, 30, 179-190.	1.6	71
17	When can we say â€˜ifâ€™?. Cognition, 2008, 108, 100-116.	2.2	69
18	Reasoning Under Time Pressure. Experimental Psychology, 2009, 56, 77-83.	0.7	66

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19	Dual Processes and the Interplay between Knowledge and Structure: A New Parallel Processing Model. Psychology of Learning and Motivation - Advances in Research and Theory, 2015, 62, 33-58.	1.1	65
20	Logic feels so goodâ€"I like it! Evidence for intuitive detection of logicality in syllogistic reasoning.. Journal of Experimental Psychology: Learning Memory and Cognition, 2012, 38, 596-616.	0.9	59
21	When fast logic meets slow belief: Evidence for a parallel-processing model of belief bias. Memory and Cognition, 2017, 45, 539-552.	1.6	56
22	In Search of Counter-Examples: Deductive Rationality in Human Reasoning. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2003, 56, 1129-1145.	2.3	55
23	Conditional reasoning and the Tower of Hanoi: The role of spatial and verbal working memory. British Journal of Psychology, 2002, 93, 501-518.	2.3	53
24	Necessity, Possibility and Belief: A Study of Syllogistic Reasoning. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2001, 54, 935-958.	2.3	52
25	Reasoning strategies for suppositional deductions. Cognition, 1997, 62, 1-49.	2.2	51
26	Working memory and reasoning: An individual differences perspective. Thinking and Reasoning, 2003, 9, 203-244.	3.2	51
27	Anchoring in time estimation. Acta Psychologica, 2008, 127, 24-29.	1.5	44
28	Generating alternatives: A key component in human reasoning?. Memory and Cognition, 2002, 30, 129-137.	1.6	42
29	Understanding causal conditionals: A study of individual differences. Quarterly Journal of Experimental Psychology, 2008, 61, 1291-1297.	1.1	41
30	Belief Bias and Figural Bias in Syllogistic Reasoning. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2004, 57, 666-692.	2.3	40
31	The SDT model of belief bias: Complexity, time, and cognitive ability mediate the effects of believability.. Journal of Experimental Psychology: Learning Memory and Cognition, 2013, 39, 1393-1402.	0.9	40
32	Decontextualised Minds: Adolescents with Autism are Less Susceptible to the Conjunction Fallacy than Typically Developing Adolescents. Journal of Autism and Developmental Disorders, 2010, 40, 1378-1388.	2.7	37
33	The negated conditional: A litmus test for the suppositional conditional?. Journal of Experimental Psychology: Learning Memory and Cognition, 2006, 32, 559-569.	0.9	36
34	Are systemizing and autistic traits related to talent and interest in mathematics and engineering? Testing some of the central claims of the empathizingâ€"systemizing theory. British Journal of Psychology, 2012, 103, 472-496.	2.3	36
35	Better but still biased: Analytic cognitive style and belief bias. Thinking and Reasoning, 2015, 21, 431-445.	3.2	35
36	The Role of Negation in Conditional Inference. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1999, 52, 739-769.	2.3	34

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37	Comparisons, mental models, and the action effect in judgments of regret. Memory and Cognition, 2006, 34, 1422-1430.	1.6	33
38	The role of prior task experience in temporal misestimation. Quarterly Journal of Experimental Psychology, 2007, 60, 230-240.	1.1	31
39	Logic brightens my day: Evidence for implicit sensitivity to logical validity.. Journal of Experimental Psychology: Learning Memory and Cognition, 2016, 42, 1448-1457.	0.9	30
40	Exploring the time prediction process: the effects of task experience and complexity on prediction accuracy. Applied Cognitive Psychology, 2003, 17, 655-673.	1.6	29
41	Spoilt for choice: The role of counterfactual thinking in the excess choice and reversibility paradoxes. Journal of Experimental Social Psychology, 2012, 48, 28-36.	2.2	29
42	The effects and side-effects of statistics education: Psychology studentsâ€™ (mis-)conceptions of probability. Contemporary Educational Psychology, 2009, 34, 210-220.	2.9	27
43	Conditional reasoning in autism: Activation and integration of knowledge and belief.. Developmental Psychology, 2010, 46, 391-403.	1.6	27
44	Reasoning and dyslexia: A spatial strategy may impede reasoning with visually rich information. British Journal of Psychology, 2007, 98, 79-92.	2.3	26
45	Necessity, possibility and belief: A study of syllogistic reasoning. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2001, 54, 935-958.	2.3	24
46	Individual differences in strategies for syllogistic reasoning. Thinking and Reasoning, 2003, 9, 133-168.	3.2	22
47	Deconstructing the Tower of London: Alternative moves and conflict resolution as predictors of task performance. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2004, 57, 1459-1483.	2.3	22
48	The logic-bias effect: The role of effortful processing in the resolution of beliefâ€“logic conflict. Memory and Cognition, 2016, 44, 330-349.	1.6	22
49	Reasoning from Suppositions. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1995, 48, 915-944.	2.3	20
50	The Suppression of q Card Selections: Evidence for Deductive Inference in Wason's Selection Task. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2000, 53, 1224-1242.	2.3	18
51	Dyslexia and reasoning: The importance of visual processes. British Journal of Psychology, 2010, 101, 433-452.	2.3	18
52	Is inferential reasoning just probabilistic reasoning in disguise?. Memory and Cognition, 2005, 33, 1315-1323.	1.6	16
53	Reasoning and Dyslexia: is Visual Memory a Compensatory Resource?. Dyslexia, 2014, 20, 330-345.	1.5	16
54	Fluency and belief bias in deductive reasoning: new indices for old effects. Frontiers in Psychology, 2014, 5, 631.	2.1	16

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55	Reasoning Strategies. Irish Journal of Psychology, 1992, 13, 111-124.	0.2	14
56	Alternative antecedents, probabilities, and the suppression of fallacies in Wason's selection task. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2002, 55, 799-818.	2.3	14
57	Reasoning on the Basis of Fantasy Content: Two Studies with High-Functioning Autistic Adolescents. Journal of Autism and Developmental Disorders, 2012, 42, 2297-2311.	2.7	14
58	Making heads or tails of probability: An experiment with random generators. British Journal of Educational Psychology, 2013, 83, 379-395.	2.9	14
59	Using forced choice to test belief bias in syllogistic reasoning. Cognition, 2014, 133, 586-600.	2.2	13
60	Supposition and representation in human reasoning. Thinking and Reasoning, 2000, 6, 273-311.	3.2	12
61	On the basis of belief in causal and diagnostic conditionals. Quarterly Journal of Experimental Psychology, 2007, 60, 635-643.	1.1	12
62	Predicting the difficulty of complex logical reasoning problems. Thinking and Reasoning, 2006, 12, 62-90.	3.2	11
63	Counterintuitive and alternative moves choice in the Water Jug task. Brain and Cognition, 2008, 66, 11-20.	1.8	11
64	A Theory of Hypothetical Thinking. , 2005, , 1-21.		10
65	The Role of Negation in Conditional Inference. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1999, 52, 739-769.	2.3	10
66	Ordering of information in conditional reasoning. British Journal of Psychology, 1998, 89, 383-403.	2.3	9
67	Cognitive Psychological Support for the ADC Model of Moral Judgment. AJOB Neuroscience, 2014, 5, 21-23.	1.1	9
68	The excess choice effect: The role of outcome valence and counterfactual thinking. British Journal of Psychology, 2016, 107, 36-51.	2.3	9
69	Reasoning strategies: the role of working memory and verbal-spatial ability. European Journal of Cognitive Psychology, 2008, 20, 1065-1086.	1.3	8
70	Modeling causal conditional reasoning data using SDT: caveats and new insights. Frontiers in Psychology, 2014, 5, 217.	2.1	8
71	Effects of training and instruction on analytic and belief-based reasoning processes. Thinking and Reasoning, 2009, 15, 37-68.	3.2	7
72	Autism and performance on the suppression task: Reasoning, context and complexity. Thinking and Reasoning, 2011, 17, 182-196.	3.2	7

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73	Iffy beliefs: Conditional thinking and belief change. Memory and Cognition, 2007, 35, 2052-2059.	1.6	6
74	The logic sense: exploring the role of executive functioning in belief and logic-based judgments. Thinking and Reasoning, 2019, 25, 416-448.	3.2	6
75	Uncontrolled logic:intuitive sensitivity to logical structure in random responding. Thinking and Reasoning, 2022, 28, 61-96.	3.2	6
76	The Goldilocks Placebo Effect: Placebo Effects Are Stronger When People Select a Treatment from an Optimal Number of Choices. American Journal of Psychology, 2018, 131, 175-184.	0.3	6
77	The design stance, intentional stance, and teleological beliefs about biological and nonbiological natural entities.. Journal of Personality and Social Psychology, 2021, 120, 1720-1748.	2.8	5
78	Reasoning and Pragmatics: the Case of Even-If. , 2004, , 228-253.		5
79	On Some Limits of Hypothetical Thinking. Quarterly Journal of Experimental Psychology, 2008, 61, 784-808.	1.1	3
80	Who is Telling the Truthâ€¦â€¦ Cognitive Processes in Meta-Deductive Reasoning. Workshops in Computing, 1993, , 221-233.	0.4	3
81	Deciding between Accounts of the Selection Task: A Reply to Oaksford (2002). Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2003, 56, 1079-1088.	2.3	2
82	Investigating reasoning with multiple integrated neuroscientific methods. Frontiers in Human Neuroscience, 2015, 9, 41.	2.0	2
83	Alleviating the concerns with the SDT approach to reasoning: reply to Singmann and Kellen (2014). Frontiers in Psychology, 2015, 6, 184.	2.1	2
84	The bright homunculus in our head: Individual differences in intuitive sensitivity to logical validity. Quarterly Journal of Experimental Psychology, 2022, 75, 508-535.	1.1	2
85	Suppositions, Conditionals, and Causal Claims. , 2011, , 242-262.		2
86	Semifactual: Byrne's account of even-if. Behavioral and Brain Sciences, 2007, 30, 458-459.	0.7	1