Richard M Shiffrin

List of Publications by Citations

68 papers	14,962 citations	32 h-index	72 g-index
72 ext. papers	16,071 ext. citations	3.8 avg, IF	6.37 L-index

#	Paper	IF	Citations
68	Controlled and automatic human information processing: I. Detection, search, and attention.. *Psychological Review*, **1977**, 84, 1-66	6.3	4600
67	Controlled and automatic human information processing: II. Perceptual learning, automatic attending and a general theory.. *Psychological Review*, **1977**, 84, 127-190	6.3	4132
66	A retrieval model for both recognition and recall.. *Psychological Review*, **1984**, 91, 1-67	6.3	1177
65	Search of associative memory.. *Psychological Review*, **1981**, 88, 93-134	6.3	1134
64	The control of short-term memory. *Scientific American*, **1971**, 225, 82-90	0.5	694
63	A model for recognition memory: REM-retrieving effectively from memory. *Psychonomic Bulletin and Review*, **1997**, 4, 145-66	4.1	605
62	Altering object representations through category learning. *Cognition*, **2001**, 78, 27-43	3.5	239
61	List-strength effect: I. Data and discussion.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1990**, 16, 163-178	2.2	196
60	Mapping knowledge domains. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101 Suppl 1, 5183-5	11.5	175
59	Context effects produced by question orders reveal quantum nature of human judgments. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 9431-6	11.5	134
58	List-strength effect: II. Theoretical mechanisms.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1990**, 16, 179-195	2.2	121
57	Effects of category length and strength on familiarity in recognition.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1995**, 21, 267-287	2.2	105
56	Perception and preference in short-term word priming. *Psychological Review*, **2001**, 108, 149-82	6.3	102
55	The "one-shot" hypothesis for context storage. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2005**, 31, 322-36	2.2	99
54	Interference and the representation of events in memory.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **1991**, 17, 855-874	2.2	84
53	Retrieval processes in recognition and cued recall. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2001**, 27, 384-413	2.2	78
52	Uncovering mental representations with Markov chain Monte Carlo. *Cognitive Psychology*, **2010**, 60, 63-106	3.6	66

51	Output interference in recognition memory. *Journal of Memory and Language*, **2011**, 64, 316-326	3.8	62
50	A model for evidence accumulation in the lexical decision task. *Cognitive Psychology*, **2004**, 48, 332-67	3.1	62
49	Memory Search **1970**, 375-447		60
48	Feature frequency effects in recognition memory. *Memory and Cognition*, **2002**, 30, 607-13	2.2	56
47	An ARC-REM model for accuracy and response time in recognition and recall. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2001**, 27, 414-35	2.2	52
46	Cuing effects and associative information in recognition memory. *Memory and Cognition*, **1992**, 20, 580-98	2.2	51
45	Word repetitions in sentence recognition. *Memory and Cognition*, **1991**, 19, 119-30	2.2	50
44	Is Preregistration Worthwhile?. *Trends in Cognitive Sciences*, **2020**, 24, 94-95	14	49
43	Turning up the noise or turning down the volume? On the nature of the impairment of episodic recognition memory by midazolam. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2004**, 30, 540-9	2.2	48
42	An associative model of adaptive inference for learning word-referent mappings. *Psychonomic Bulletin and Review*, **2012**, 19, 317-24	4.1	47
41	Context noise and item noise jointly determine recognition memory: a comment on Dennis and Humphreys (2001). *Psychological Review*, **2004**, 111, 800-7	6.3	47
40	A Bayesian model for implicit effects in perceptual identification. *Psychological Review*, **2001**, 108, 257-78	6.3	42
39	Modeling memory and perception. *Cognitive Science*, **2003**, 27, 341-378	2.2	39
38	Drawing causal inference from Big Data. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 7308-9	11.5	39
37	Mechanisms of source confusion and discounting in short-term priming: 1. Effects of prime duration and prime recognition. *Memory and Cognition*, **2002**, 30, 745-57	2.2	36
36	Scientific progress despite irreproducibility: A seeming paradox. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 2632-2639	11.5	29
35	Overcoming the negative consequences of interference from recognition memory testing. *Psychological Science*, **2012**, 23, 115-9	7.9	29
34	Recognition of multiple-item probes. *Memory and Cognition*, **1987**, 15, 367-78	2.2	29

33	Reproducibility of research: Issues and proposed remedies. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 2561-2562	11.5	28
32	Mechanisms of source confusion and discounting in short-term priming 2: Effects of prime similarity and target duration.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2002**, 28, 1120-1136	2.2	28
31	Pairs do not suffer interference from other types of pairs or single items in associative recognition. *Memory and Cognition*, **2004**, 32, 1284-97	2.2	27
30	Models that allow us to perceive the world more accurately also allow us to remember past events more accurately via differentiation. *Cognitive Psychology*, **2017**, 92, 65-86	3.1	26
29	List discrimination in associative recognition and implications for representation. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2005**, 31, 1199-212	2.2	25
28	Interactions between study task, study time, and the low-frequency hit rate advantage in recognition memory. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2004**, 30, 778-86	2.2	23
27	Actively learning object names across ambiguous situations. *Topics in Cognitive Science*, **2013**, 5, 200-13	2.5	21
26	Confusion and compensation in visual perception: effects of spatiotemporal proximity and selective attention. *Journal of Experimental Psychology: Human Perception and Performance*, **2005**, 31, 40-61	2.6	21
25	Free recall of complex pictures and abstracts words. *Journal of Verbal Learning and Verbal Behavior*, **1981**, 20, 575-592		20
24	A Bootstrapping Model of Frequency and Context Effects in Word Learning. *Cognitive Science*, **2017**, 41, 590-622	2.2	18
23	An exemplar-familiarity model predicts short-term and long-term probe recognition across diverse forms of memory search. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2014**, 40, 1524-39	2.2	17
22	50 years of research sparked by Atkinson and Shiffrin (1968). *Memory and Cognition*, **2019**, 47, 561-574	2.2	15
21	Criterion setting and the dynamics of recognition memory. *Topics in Cognitive Science*, **2012**, 4, 135-50	2.5	15
20	Forward masking of diotic and dichotic clicks by noise. *Journal of the Acoustical Society of America*, **1982**, 72, 1171-7	2.2	15
19	The art of model development and testing. *Behavior Research Methods*, **1997**, 29, 6-14		12
18	Familiarity and categorization processes in memory search. *Cognitive Psychology*, **2014**, 75, 97-129	3.1	11
17	Sources of interference in recognition testing. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2013**, 39, 1365-76	2.2	11
16	Cross-situational word learning is both implicit and strategic. *Frontiers in Psychology*, **2014**, 5, 588	3.4	8

15	Auditory registration without learning.. *Journal of Experimental Psychology: Learning Memory and Cognition*, **2003**, 29, 10-21	2.2	8
14	Modeling memory and perception **2003**, 27, 341		8
13	Bayes Factors, relations to Minimum Description Length, and overlapping model classes. *Journal of Mathematical Psychology*, **2016**, 72, 56-77	1.2	7
12	Cross-situational word learning is better modeled by associations than hypotheses **2012**,		6
11	Models of Memory		6
10	Consequences of Testing Memory. *Psychology of Learning and Motivation - Advances in Research and Theory*, **2014**, 285-313	1.4	5
9	Extending Bayesian induction. *Journal of Mathematical Psychology*, **2016**, 72, 38-42	1.2	4
8	The dynamics of decision making when probabilities are vaguely specified. *Journal of Mathematical Psychology*, **2014**, 59, 6-17	1.2	3
7	Commentary on Gronau and Wagenmakers. *Computational Brain & Behavior*, **2019**, 2, 12-21	2	2
6	Models versus descriptions: Real differences and language differences. *Behavioral and Brain Sciences*, **2003**, 26, 753-753	0.9	2
5	The brain produces mind by modeling. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 29299-29301	11.5	1
4	"Is it Reasonable to Study Decision-Making Quantitatively?". *Topics in Cognitive Science*, **2021**,	2.5	1
3	Commentary on Robust Modeling in Cognitive Science: Misunderstanding the Goal of Modeling *Computational Brain & Behavior*, **2019**, 2, 176-178	2	0
2	Extraordinary claims, extraordinary evidence? A discussion. *Learning and Behavior*, **2021**, 49, 265-275	1.3	0
1	Two case studies of very long-term retention. *Psychonomic Bulletin and Review*, **2021**, 1	4.1	0