Richard M Shiffrin

List of Publications by Year
in descending order

69 papers	18,863 citations	117625 34 h-index	106344 65 g-index
72 all docs	72 docs citations	72 times ranked	7977 citing authors

#	Article	IF	Citations
1	Controlled and automatic human information processing: II. Perceptual learning, automatic attending and a general theory.. Psychological Review, 1977, 84, 127-190.	3.8	5,621
2	Controlled and automatic human information processing: I. Detection, search, and attention.. Psychological Review, 1977, 84, 1-66.	3.8	5,446
3	A retrieval model for both recognition and recall.. Psychological Review, 1984, 91, 1-67.	3.8	1,418
4	Search of associative memory.. Psychological Review, 1981, 88, 93-134.	3.8	1,400
5	The Control of Short-Term Memory. Scientific American, 1971, 225, 82-90.	1.0	907
6	A model for recognition memory: REM—retrieving effectively from memory. Psychonomic Bulletin and Review, 1997, 4, 145-166.	2.8	728
7	Altering object representations through category learning. Cognition, 2001, 78, 27-43.	2.2	295
8	List-strength effect: I. Data and discussion.. Journal of Experimental Psychology: Learning Memory and Cognition, 1990, 16, 163-178.	0.9	264
9	Mapping knowledge domains. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5183-5185.	7.1	260
10	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, 9431-9436.	7.1	182
11	List-strength effect: II. Theoretical mechanisms.. Journal of Experimental Psychology: Learning Memory and Cognition, 1990, 16, 179-195.	0.9	128
12	Effects of category length and strength on familiarity in recognition.. Journal of Experimental Psychology: Learning Memory and Cognition, 1995, 21, 267-287.	0.9	125
13	Perception and preference in short-term word priming.. Psychological Review, 2001, 108, 149-182.	3.8	117
14	The "One-Shot" Hypothesis for Context Storage.. Journal of Experimental Psychology: Learning Memory and Cognition, 2005, 31, 322-336.	0.9	115
15	Retrieval processes in recognition and cued recall.. Journal of Experimental Psychology: Learning Memory and Cognition, 2001, 27, 384-413.	0.9	95
16	Interference and the representation of events in memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 1991, 17, 855-874.	0.9	87
17	Output interference in recognition memory. Journal of Memory and Language, 2011, 64, 316-326.	2.1	86
18	Uncovering mental representations with Markov chain Monte Carlo. Cognitive Psychology, 2010, 60, 63-106.	2.2	75

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19	Is Preregistration Worthwhile?. Trends in Cognitive Sciences, 2020, 24, 94-95.	7.8	72
20	Context Noise and Item Noise Jointly Determine Recognition Memory: A Comment on Dennis and Humphreys (2001).. Psychological Review, 2004, 111, 800-807.	3.8	71
21	A model for evidence accumulation in the lexical decision task. Cognitive Psychology, 2004, 48, 332-367.	2.2	69
22	Memory Search. , 1970, , 375-447.		65
23	An ARC–REM model for accuracy and response time in recognition and recall.. Journal of Experimental Psychology: Learning Memory and Cognition, 2001, 27, 414-435.	0.9	64
24	Feature frequency effects in recognition memory. Memory and Cognition, 2002, 30, 607-613.	1.6	62
25	An associative model of adaptive inference for learning word–referent mappings. Psychonomic Bulletin and Review, 2012, 19, 317-324.	2.8	62
26	Word repetitions in sentence recognition. Memory and Cognition, 1991, 19, 119-130.	1.6	58
27	Cuing effects and associative information in recognition memory. Memory and Cognition, 1992, 20, 580-598.	1.6	58
28	A Bayesian model for implicit effects in perceptual identification.. Psychological Review, 2001, 108, 257-272.	3.8	58
29	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, 540-549.	0.9	57
30	Drawing causal inference from Big Data. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7308-7309.	7.1	53
31	Modeling memory and perception. Cognitive Science, 2003, 27, 341-378.	1.7	50
32	Mechanisms of source confusion and discounting in short-term priming: 1. Effects of prime duration and prime recognition. Memory and Cognition, 2002, 30, 745-757.	1.6	43
33	Scientific progress despite irreproducibility: A seeming paradox. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2632-2639.	7.1	43
34	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.	0.9	36
35	Overcoming the Negative Consequences of Interference From Recognition Memory Testing. Psychological Science, 2012, 23, 115-119.	3.3	36
36	Reproducibility of research: Issues and proposed remedies. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2561-2562.	7.1	35

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37	Recognition of multiple-item probes. Memory and Cognition, 1987, 15, 367-378.	1.6	34
38	Pairs do not suffer interference from other types of pairs or single items in associative recognition. Memory and Cognition, 2004, 32, 1284-1297.	1.6	34
39	50 years of research sparked by Atkinson and Shiffrin (1968). Memory and Cognition, 2019, 47, 561-574.	1.6	34
40	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.	2.2	33
41	List Discrimination in Associative Recognition and Implications for Representation.. Journal of Experimental Psychology: Learning Memory and Cognition, 2005, 31, 1199-1212.	0.9	27
42	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.	0.9	27
43	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, 778-786.	0.9	26
44	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, 1524-1539.	0.9	26
45	Actively Learning Object Names Across Ambiguous Situations. Topics in Cognitive Science, 2013, 5, 200-213.	1.9	25
46	Free recall of complex pictures and abstracts words. Journal of Verbal Learning and Verbal Behavior, 1981, 20, 575-592.	3.7	24
47	A Bootstrapping Model of Frequency and Context Effects in Word Learning. Cognitive Science, 2017, 41, 590-622.	1.7	24
48	Familiarity and categorization processes in memory search. Cognitive Psychology, 2014, 75, 97-129.	2.2	23
49	Criterion Setting and the Dynamics of Recognition Memory. Topics in Cognitive Science, 2012, 4, 135-150.	1.9	21
50	Modeling memory and perception. Cognitive Science, 2003, 27, 341-378.	1.7	21
51	The art of model development and testing. Behavior Research Methods, 1997, 29, 6-14.	1.3	18
52	Forward masking of diotic and dichotic clicks by noise. Journal of the Acoustical Society of America, 1982, 72, 1171-1177.	1.1	16
53	Sources of interference in recognition testing.. Journal of Experimental Psychology: Learning Memory and Cognition, 2013, 39, 1365-1376.	0.9	14
54	Cross-situational word learning is both implicit and strategic. Frontiers in Psychology, 2014, 5, 588.	2.1	14

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55	Cross-situational word learning is better modeled by associations than hypotheses. , 2012, , .		10
56	Auditory registration without learning.. Journal of Experimental Psychology: Learning Memory and Cognition, 2003, 29, 10-21.	0.9	8
57	Bayes Factors, relations to Minimum Description Length, and overlapping model classes. Journal of Mathematical Psychology, 2016, 72, 56-77.	1.8	8
58	The brain produces mind by modeling. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29299-29301.	7.1	7
59	Extending Bayesian induction. Journal of Mathematical Psychology, 2016, 72, 38-42.	1.8	6
60	Consequences of Testing Memory. Psychology of Learning and Motivation - Advances in Research and Theory, 2014, , 285-313.	1.1	5
61	The dynamics of decision making when probabilities are vaguely specified. Journal of Mathematical Psychology, 2014, 59, 6-17.	1.8	5
62	Statistics in the Service of Science: Donâ€™t Let the Tail Wag the Dog. Computational Brain & Behavior, 2023, 6, 64-83.	1.7	5
63	Commentary on Gronau and Wagenmakers. Computational Brain & Behavior, 2019, 2, 12-21.	1.7	4
64	Extraordinary claims, extraordinary evidence? A discussion. Learning and Behavior, 2021, 49, 265-275.	1.0	3
65	Models versus descriptions: Real differences and language differences. Behavioral and Brain Sciences, 2003, 26, 753-753.	0.7	2
66	â€œIs it Reasonable to Study Decisionâ€Making Quantitatively?â€• Topics in Cognitive Science, 2021, , .	1.9	2
67	Two case studies of very long-term retention. Psychonomic Bulletin and Review, 2021, , 1.	2.8	2
68	Commentary on â€œRobust Modeling in Cognitive Science: Misunderstanding the Goal of Modelingâ€• Computational Brain & Behavior, 2019, 2, 176-178.	1.7	1
69	Locally rational decision-making. Behavioral and Brain Sciences, 2003, 26, .	0.7	0