Marius Usher

List of Publications by Year
in descending order

92	6,556	134610	81351
papers	citations	34 h-index	76 g-index

98	98	98	5127
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Value certainty in drift-diffusion models of preferential choice.. Psychological Review, 2023, 130, 790-806.	2.7	9
2	The Cognition/Metacognition Trade-Off. Psychological Science, 2022, 33, 613-628.	1.8	6
3	Evidence integration and decision confidence are modulated by stimulus consistency. Nature Human Behaviour, 2022, 6, 988-999.	6.2	14
4	The averaging of numerosities: A psychometric investigation of the mental line. Attention, Perception, and Psychophysics, 2021, 83, 1152-1168.	0.7	2
5	Ensemble perception: Extracting the average of perceptual versus numerical stimuli. Attention, Perception, and Psychophysics, 2021, 83, 956-969.	0.7	8
6	Choices change the temporal weighting of decision evidence. Journal of Neurophysiology, 2021, 125, 1468-1481.	0.9	12
7	Extracting Summary Statistics of Rapid Numerical Sequences. Frontiers in Psychology, 2021, 12, 693575.	1.1	2
8	Refuting the unfolding-argument on the irrelevance of causal structure to consciousness. Consciousness and Cognition, 2021, 95, 103212.	0.8	3
9	Agency, Teleological Control and Robust Causation. Philosophy and Phenomenological Research, 2020, 100, 302-324.	0.5	7
10	Causal Responsibility and Robust Causation. Frontiers in Psychology, 2020, 11, 1069.	1.1	11
11	Visual attention modulates the integration of goal-relevant evidence and not value. ELife, 2020, 9, .	2.8	46
12	Integration to boundary in decisions between numerical sequences. Cognition, 2019, 193, 104022.	1.1	17
13	The formation of preference in risky choice. PLoS Computational Biology, 2019, 15, e1007201.	1.5	23
14	Selective Integration: An Attentional Theory of Choice Biases and Adaptive Choice. Current Directions in Psychological Science, 2019, 28, 552-559.	2.8	14
15	Goal-dependent flexibility in preferences formation from rapid payoff sequences. Quarterly Journal of Experimental Psychology, 2019, 72, 2130-2139.	0.6	0
16	Differences in Semantic Memory Encoding Strategies in Young, Healthy Old and MCI Patients. Frontiers in Aging Neuroscience, 2019, 11, 306.	1.7	6
17	Impoverished or rich consciousness outside attentional focus: Recent data tip the balance for Overflow. Mind and Language, 2019, 34, 423-444.	1.2	10
18	Constructing preference from sequential samples: The impact of evaluation format on risk attitudes.. Decision, 2019, 6, 223-236.	0.4	10

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19	Extraction of mean emotional tone from face arrays in social anxiety disorder. Depression and Anxiety, 2018, 35, 248-255.	2.0	7
20	A Perceptual-Like Population-Coding Mechanism of Approximate Numerical Averaging. Neural Computation, 2018, 30, 428-446.	1.3	10
21	Attentional Selection Mediates Framing and Risk-Bias Effects. Psychological Science, 2018, 29, 2010-2019.	1.8	23
22	Age-Related Deficits in Memory Encoding and Retrieval in Word List Free Recall. Brain Sciences, 2018, 8, 211.	1.1	13
23	Confirmation Bias through Selective Overweighting of Choice-Consistent Evidence. Current Biology, 2018, 28, 3128-3135.e8.	1.8	115
24	Consciousness without report: insights from summary statistics and inattention â€˜blindnessâ€™. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170354.	1.8	19
25	Fast and effective: Intuitive processes in complex decisions. Psychonomic Bulletin and Review, 2018, 25, 1542-1548.	1.4	13
26	Task conflict and proactive control: A computational theory of the Stroop task.. Psychological Review, 2018, 125, 59-82.	2.7	70
27	An appeal against the item's death sentence: Accounting for diagnostic data patterns with an item-based model of visual search. Behavioral and Brain Sciences, 2017, 40, e148.	0.4	4
28	Parallel attentive processing and pre-attentive guidance. Behavioral and Brain Sciences, 2017, 40, e149.	0.4	2
29	Intuitive Number Evaluation Is not Affected by Information Processing Load. Advances in Intelligent Systems and Computing, 2017, , 135-148.	0.5	2
30	Non-monotonic Temporal-Weighting Indicates a Dynamically Modulated Evidence-Integration Mechanism. PLoS Computational Biology, 2016, 12, e1004667.	1.5	32
31	Anxiety, emotional distraction, and attentional control in the Stroop task.. Emotion, 2016, 16, 293-300.	1.5	44
32	Reply to Davis-Stober et al.: Violations of rationality in a psychophysical task are not aggregation artifacts. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4764-6.	3.3	5
33	Search efficiency as a function of target saliency: The transition from inefficient to efficient search and beyond.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 821-836.	0.7	60
34	Transcranial Direct Current Stimulation over the Parietal Cortex Improves Approximate Numerical Averaging. Journal of Cognitive Neuroscience, 2016, 28, 1700-1713.	1.1	16
35	Economic irrationality is optimal during noisy decision making. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3102-3107.	3.3	102
36	Serial vs. parallel models of attention in visual search: accounting for benchmark RT-distributions. Psychonomic Bulletin and Review, 2016, 23, 1300-1315.	1.4	37

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37	Absolutely relative or relatively absolute: violations of value invariance in human decision making. Psychonomic Bulletin and Review, 2016, 23, 22-38.	1.4	72
38	Adaptive Spontaneous Transitions between Two Mechanisms of Numerical Averaging. Scientific Reports, 2015, 5, 10415.	1.6	35
39	Stroop proactive control and task conflict are modulated by concurrent working memory load. Psychonomic Bulletin and Review, 2015, 22, 869-875.	1.4	43
40	Decisions reduce sensitivity to subsequent information. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150228.	1.2	47
41	Post choice information integration as a causal determinant of confidence: Novel data and a computational account. Cognitive Psychology, 2015, 78, 99-147.	0.9	127
42	Examining the mechanisms underlying contextual preference reversal: Comment on Trueblood, Brown, and Heathcote (2014).. Psychological Review, 2015, 122, 838-847.	2.7	9
43	The role of the frontal cortex in memory: an investigation of the Von Restorff effect. Frontiers in Human Neuroscience, 2014, 8, 410.	1.0	17
44	Selective influence of working memory load on exceptionally slow reaction times.. Journal of Experimental Psychology: General, 2014, 143, 1837-1860.	1.5	34
45	We See More Than We Can Report. Psychological Science, 2014, 25, 1394-1403.	1.8	107
46	Pitting intuitive and analytical thinking against each other: The case of transitivity. Psychonomic Bulletin and Review, 2013, 20, 608-614.	1.4	36
47	Disentangling decision models: From independence to competition.. Psychological Review, 2013, 120, 1-38.	2.7	131
48	The Timescale of Perceptual Evidence Integration Can Be Adapted to the Environment. Current Biology, 2013, 23, 981-986.	1.8	141
49	Competitive guided search: Meeting the challenge of benchmark RT distributions. Journal of Vision, 2013, 13, 24-24.	0.1	65
50	Dynamics of decision-making: from evidence accumulation to preference and belief. Frontiers in Psychology, 2013, 4, 758.	1.1	18
51	Salience driven value integration explains decision biases and preference reversal. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9659-9664.	3.3	181
52	Using Time-Varying Evidence to Test Models of Decision Dynamics: Bounded Diffusion vs. the Leaky Competing Accumulator Model. Frontiers in Neuroscience, 2012, 6, 79.	1.4	92
53	Subliminal Gamma Flicker Draws Attention Even in the Absence of Transition-Flash Cues. Journal of Neurophysiology, 2011, 105, 827-833.	0.9	8
54	The Impact of the Mode of Thought in Complex Decisions: Intuitive Decisions are Better. Frontiers in Psychology, 2011, 2, 37.	1.1	66

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55	Testing Multi-Alternative Decision Models with Non-Stationary Evidence. Frontiers in Neuroscience, 2011, 5, 63.	1.4	58
56	Preference reversal in multiattribute choice.. Psychological Review, 2010, 117, 1275-1291.	2.7	122
57	Rapid visual grouping and figureâ€"ground processing using temporally structured displays. Vision Research, 2010, 50, 1803-1813.	0.7	1
58	Gamma flicker triggers attentional selection without awareness. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1666-1671.	3.3	84
59	Individual differences in language lateralisation, schizotypy and the remote-associate task. Personality and Individual Differences, 2009, 46, 622-626.	1.6	22
60	Interaction of attention and temporal object priming. Psychological Research, 2009, 73, 287-301.	1.0	2
61	CONTEXT AND SEMANTIC WORKING MEMORY IN SCHIZOPHRENIA: A COMPUTATIONAL AND EXPERIMENTAL INVESTIGATION. , 2009, , .		0
62	Short-term memory after all: Comment on Sederberg, Howard, and Kahana (2008).. Psychological Review, 2008, 115, 1108-1116.	2.7	23
63	Extending a biologically inspired model of choice: multi-alternatives, nonlinearity and value-based multidimensional choice. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 1655-1670.	1.8	161
64	What has been learned from computational models of attention. Neural Networks, 2006, 19, 1440-1442.	3.3	1
65	Semantic similarity dissociates short- from long-term recency effects: Testing a neurocomputational model of list memory. Memory and Cognition, 2006, 34, 323-334.	0.9	29
66	Perceptual grouping based on temporal structure: Impact of subliminal flicker and visual transients. Visual Cognition, 2006, 13, 481-502.	0.9	6
67	Control, Choice, and the Convergence/Divergence Dynamics. The Journal of Philosophy, 2006, 103, 188-213.	0.3	6
68	The Demise of Short-Term Memory Revisited: Empirical and Computational Investigations of Recency Effects.. Psychological Review, 2005, 112, 3-42.	2.7	356
69	Age-Related Declines in Context Maintenance and Semantic Short-Term Memory. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2005, 58, 34-53.	2.3	32
70	Comment on Ryder's SINBAD Neurosemantics: Is Teleofunction Isomorphism the Way to Understand Representations?. Mind and Language, 2004, 19, 241-248.	1.2	1
71	Loss Aversion and Inhibition in Dynamical Models of Multialternative Choice.. Psychological Review, 2004, 111, 757-769.	2.7	333
72	AN EXTENDED BUFFER MODEL FOR ACTIVE MAINTENANCE AND SELECTIVE UPDATING. , 2004, , .		0

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73	Individual differences in semantic short-term memory capacity and reading comprehension. Journal of Memory and Language, 2003, 48, 320-345.	1.1	112
74	Dynamics of metacognitive judgments: Pre- and postretrieval mechanisms.. Journal of Experimental Psychology: Learning Memory and Cognition, 2003, 29, 339-346.	0.7	19
75	Hick's Law in a Stochastic Race Model with Speedâ€“Accuracy Tradeoff. Journal of Mathematical Psychology, 2002, 46, 704-715.	1.0	101
76	Neuromodulation of decision and response selection. Neural Networks, 2002, 15, 635-645.	3.3	36
77	AN ACTIVATION-BASED THEORY OF IMMEDIATE ITEM MEMORY. , 2002, , .		4
78	The time course of perceptual choice: The leaky, competing accumulator model.. Psychological Review, 2001, 108, 550-592.	2.7	2,010
79	The effects of temporal synchrony on the perceived organization of elements in spatially symmetric and asymmetric grids. Visual Cognition, 2001, 8, 637-654.	0.9	11
80	Maintenance of semantic information in capacity-limited item short-term memory. Psychonomic Bulletin and Review, 2001, 8, 568-578.	1.4	97
81	A Statistical Referential Theory of Content: Using Information Theory to Account for Misrepresentation. Mind and Language, 2001, 16, 311-334.	1.2	47
82	Neural mechanism for the magical number 4: Competitive interactions and nonlinear oscillation. Behavioral and Brain Sciences, 2001, 24, 151-152.	0.4	60
83	Stochastic resonance in the speed of memory retrieval. Biological Cybernetics, 2000, 83, L011-L016.	0.6	66
84	Mechanisms for spatial integration in visual detection: a model based on lateral interactions. Spatial Vision, 1999, 12, 187-209.	1.4	33
85	Visual synchrony affects binding and segmentation in perception. Nature, 1998, 394, 179-182.	13.7	168
86	'Tis all in pieces (separate RFs and CFs), all coherence gone. Behavioral and Brain Sciences, 1997, 20, 693-694.	0.4	0
87	Modeling the Temporal Dynamics of IT Neurons in Visual Search: A Mechanism for Top-Down Selective Attention. Journal of Cognitive Neuroscience, 1996, 8, 311-327.	1.1	157
88	Dynamic Pattern Formation Leads to1fNoise in Neural Populations. Physical Review Letters, 1995, 74, 326-329.	2.9	114
89	The Effect of Synchronized Inputs at the Single Neuron Level. Neural Computation, 1994, 6, 622-641.	1.3	109
90	Network Amplification of Local Fluctuations Causes High Spike Rate Variability, Fractal Firing Patterns and Oscillatory Local Field Potentials. Neural Computation, 1994, 6, 795-836.	1.3	76

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91	A Neural Network Model for Attribute-Based Decision Processes. Cognitive Science, 1993, 17, 349-396.	0.8	22
92	Dynamics of Populations of Integrate-and-Fire Neurons, Partial Synchronization and Memory. Neural Computation, 1993, 5, 570-586.	1.3	50