

Patrick Simen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11473309/publications.pdf>

Version: 2024-02-01

27
papers

1,457
citations

430874

18
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

1204
citing authors

#	ARTICLE	IF	CITATIONS
1	Discarding optimality: Throwing out the baby with the bathwater?. Behavioral and Brain Sciences, 2018, 41, e243.	0.7	1
2	Evidence accumulation detected in BOLD signal using slow perceptual decision making. Journal of Neuroscience Methods, 2017, 281, 21-32.	2.5	25
3	Why does time seem to fly when we're having fun?. Science, 2016, 354, 1231-1232.	12.6	10
4	Scale (in)variance in a unified diffusion model of decision making and timing.. Psychological Review, 2016, 123, 151-181.	3.8	44
5	A decision model of timing. Current Opinion in Behavioral Sciences, 2016, 8, 94-101.	3.9	66
6	Toward a unified view of the speed-accuracy trade-off. Frontiers in Neuroscience, 2015, 9, 139.	2.8	11
7	Optimal response rates in humans and rats.. Journal of Experimental Psychology Animal Learning and Cognition, 2015, 41, 39-51.	0.5	16
8	Lateralized Readiness Potentials Reveal Properties of a Neural Mechanism for Implementing a Decision Threshold. PLoS ONE, 2014, 9, e90943.	2.5	42
9	A comparative study of drift diffusion and linear ballistic accumulator models in a reward maximization perceptual choice task. Frontiers in Neuroscience, 2014, 8, 148.	2.8	9
10	Speed accuracy trade-off under response deadlines. Frontiers in Neuroscience, 2014, 8, 248.	2.8	20
11	Adolescents let sufficient evidence accumulate before making a decision when large incentives are at stake. Developmental Science, 2014, 17, 59-70.	2.4	41
12	Decision processes in temporal discrimination. Acta Psychologica, 2014, 149, 157-168.	1.5	69
13	Timescale Invariance in the Pacemaker-Accumulator Family of Timing Models. Timing and Time Perception, 2013, 1, 159-188.	0.6	63
14	Evidence Accumulator or Decision Threshold â€“ Which Cortical Mechanism are We Observing?. Frontiers in Psychology, 2012, 3, 183.	2.1	29
15	Interval Timing by Long-Range Temporal Integration. Frontiers in Integrative Neuroscience, 2011, 5, 28.	2.1	20
16	Optimal Temporal Risk Assessment. Frontiers in Integrative Neuroscience, 2011, 5, 56.	2.1	64
17	Acquisition of decision making criteria: reward rate ultimately beats accuracy. Attention, Perception, and Psychophysics, 2011, 73, 640-657.	1.3	124
18	Hebbian learning in linearâ€“nonlinear networks with tuning curves leads to near-optimal, multi-alternative decision making. Neural Networks, 2011, 24, 417-426.	5.9	9

#	ARTICLE	IF	CITATIONS
19	Preventing combinatorial explosion in a localist, neural network architecture using temporal synchrony. <i>Connection Science</i> , 2011, 23, 131-144.	3.0	1
20	A Model of Interval Timing by Neural Integration. <i>Journal of Neuroscience</i> , 2011, 31, 9238-9253.	3.6	285
21	A symbolic/subsymbolic interface protocol for cognitive modeling. <i>Logic Journal of the IGPL</i> , 2010, 18, 705-761.	1.5	9
22	Basic Impairments in Regulating the Speed-Accuracy Tradeoff Predict Symptoms of Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2010, 68, 1114-1119.	1.3	113
23	Sequential Effects in Two-Choice Reaction Time Tasks: Decomposition and Synthesis of Mechanisms. <i>Neural Computation</i> , 2009, 21, 2407-2436.	2.2	59
24	Explicit melioration by a neural diffusion model. <i>Brain Research</i> , 2009, 1299, 95-117.	2.2	24
25	Reward rate optimization in two-alternative decision making: Empirical tests of theoretical predictions.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2009, 35, 1865-1897.	0.9	172
26	Rapid decision threshold modulation by reward rate in a neural network. <i>Neural Networks</i> , 2006, 19, 1013-1026.	5.9	104
27	A computational approach to control in complex cognition. <i>Cognitive Brain Research</i> , 2002, 15, 71-83.	3.0	27