Maarten Speekenbrink

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8722761/publications.pdf

Version: 2024-02-01

52	2,514	331670	233421
papers	citations	21 h-index	45 g-index

80	80	80	2898
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A tutorial on Gaussian process regression: Modelling, exploring, and exploiting functions. Journal of Mathematical Psychology, 2018, 85, 1-16.	1.8	668
2	Social Influence on Risk Perception During Adolescence. Psychological Science, 2015, 26, 583-592.	3.3	246
3	depmixS4: AnRPackage for Hidden Markov Models. Journal of Statistical Software, 2010, 36, .	3.7	241
4	Generalization guides human exploration in vast decision spaces. Nature Human Behaviour, 2018, 2, 915-924.	12.0	132
5	Uncertainty and Exploration in a Restless Bandit Problem. Topics in Cognitive Science, 2015, 7, 351-367.	1.9	117
6	Models of recognition, repetition priming, and fluency: Exploring a new framework.. Psychological Review, 2012, 119, 40-79.	3.8	91
7	The subthalamic nucleus and inhibitory control: impact of subthalamotomy in Parkinsonâ€™s disease. Brain, 2014, 137, 1470-1480.	7.6	86
8	Learning strategies in amnesia. Neuroscience and Biobehavioral Reviews, 2008, 32, 292-310.	6.1	61
9	Compositional inductive biases in function learning. Cognitive Psychology, 2017, 99, 44-79.	2.2	55
10	Learning in a changing environment.. Journal of Experimental Psychology: General, 2010, 139, 266-298.	2.1	54
11	A tutorial on particle filters. Journal of Mathematical Psychology, 2016, 73, 140-152.	1.8	54
12	A Window of Opportunity for Cognitive Training in Adolescence. Psychological Science, 2016, 27, 1620-1631.	3.3	46
13	Conservative forgetful scholars: How people learn causal structure through sequences of interventions.. Journal of Experimental Psychology: Learning Memory and Cognition, 2015, 41, 708-731.	0.9	43
14	Continuous Theta Burst Stimulation Over the Dorsolateral Prefrontal Cortex and the Pre-SMA Alter Drift Rate and Response Thresholds Respectively During Perceptual Decision-Making. Brain Stimulation, 2016, 9, 601-608.	1.6	40
15	Different effects of dopaminergic medication on perceptual decision-making in Parkinson's disease as a function of task difficulty and speedâ€“accuracy instructions. Neuropsychologia, 2015, 75, 577-587.	1.6	39
16	Subthalamic nucleus deep brain stimulation induces impulsive action when patients with Parkinsonâ€™s disease act under speed pressure. Experimental Brain Research, 2016, 234, 1837-1848.	1.5	35
17	Incorporating conflicting descriptions into decisions from experience. Organizational Behavior and Human Decision Processes, 2016, 135, 55-69.	2.5	33
18	Putting bandits into context: How function learning supports decision making.. Journal of Experimental Psychology: Learning Memory and Cognition, 2018, 44, 927-943.	0.9	31

#	Article	IF	Citations
19	Cross-dimensional magnitude interactions arise from memory interference. Cognitive Psychology, 2018, 106, 21-42.	2.2	30
20	Itâ€™s new, but is it good? How generalization and uncertainty guide the exploration of novel options.. Journal of Experimental Psychology: General, 2020, 149, 1878-1907.	2.1	28
21	Learning to Integrate versus Inhibiting Information Is Modulated by Age. Journal of Neuroscience, 2015, 35, 2213-2225.	3.6	26
22	Perception and recognition of faces in adolescence. Scientific Reports, 2016, 6, 33497.	3.3	24
23	Task complexity moderates the influence of descriptions in decisions from experience. Cognition, 2018, 170, 209-227.	2.2	24
24	The Influence of Delays in Real-Time Causal Learning~!2009-10-01~!2010-01-07~!2010-07-13~!. Open Psychology Journal, 2010, 3, 184-195.	0.3	21
25	Multitasking during social interactions in adolescence and early adulthood. Royal Society Open Science, 2015, 2, 150117.	2.4	20
26	Models of probabilistic category learning in Parkinsonâ€™s disease: Strategy use and the effects of L-dopa. Journal of Mathematical Psychology, 2010, 54, 123-136.	1.8	18
27	Social exclusion affects working memory performance in young adolescent girls. Developmental Cognitive Neuroscience, 2019, 40, 100718.	4.0	18
28	Uncertainty in learning, choice, and visual fixation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3291-3300.	7.1	15
29	Generalization and Search in Risky Environments. Cognitive Science, 2018, 42, 2592-2620.	1.7	14
30	The potential power of experience in communications of expert consensus levels. Journal of Risk Research, 2019, 22, 593-609.	2.6	14
31	Prediction and Control in a Dynamic Environment. Frontiers in Psychology, 2012, 3, 68.	2.1	13
32	Time pressure changes how people explore and respond to uncertainty. Scientific Reports, 2022, 12, 4122.	3.3	13
33	Fitness Landscape of the Fission Yeast Genome. Molecular Biology and Evolution, 2019, 36, 1612-1623.	8.9	12
34	Protocol for an app-based affective control training for adolescents: proof-of-principle double-blind randomized controlled trial. Wellcome Open Research, 2019, 4, 91.	1.8	12
35	In Parkinsonâ€™s disease pallidal deep brain stimulation speeds up response initiation but has no effect on reactive inhibition. Journal of Neurology, 2015, 262, 1741-1750.	3.6	11
36	Cue utilization and strategy application in stable and unstable dynamic environments. Cognitive Systems Research, 2011, 12, 355-364.	2.7	10

#	Article	IF	Citations
37	The effects of dopaminergic medication on dynamic decision making in Parkinson's disease. Neuropsychologia, 2014, 53, 157-164.	1.6	8
38	Protocol for an app-based affective control training for adolescents: proof-of-principle double-blind randomized controlled trial. Wellcome Open Research, 2019, 4, 91.	1.8	8
39	To simulate or not? Comment on Steingroever, Wetzels, and Wagenmakers (2014).. Decision, 2014, 1, 184-191.	0.5	6
40	Near-optimal Integration of Magnitude in the Human Parietal Cortex. Journal of Cognitive Neuroscience, 2016, 28, 589-603.	2.3	6
41	The Influence of Delays in Real-Time Causal Learning. Open Psychology Journal, 2010, 3, 184-195.	0.3	6
42	Failures to replicate a key result of the selective accessibility theory of anchoring.. Journal of Experimental Psychology: General, 2019, 148, e30-e50.	2.1	5
43	Human optional stopping in a heteroscedastic world.. Psychological Review, 2023, 130, 1-22.	3.8	3
44	Through the looking glass: a dynamic lens model approach to multiple cue probability learning. , 2008, , 409-430.		2
45	A framework for discrete change.. , 2010, , 109-123.		2
46	Is everyone Bayes? On the testable implications of Bayesian Fundamentalism. Behavioral and Brain Sciences, 2011, 34, 213-214.	0.7	1
47	Comments on: Latent Markov models: a review of a general framework for the analysis of longitudinal data with covariates. Test, 2014, 23, 478-483.	1.1	1
48	Identifiability of Gaussian Bayesian bandit models. , 2019, , .		1
49	Transfer of Learned Opponent Models in Zero Sum Games. Computational Brain & Behavior, 2022, 5, 326-342.	1.7	1
50	Is everyone Bayes? On the testable implications of Bayesian Fundamentalism â€“ Erratum. Behavioral and Brain Sciences, 2011, 34, 291-291.	0.7	0
51	The Hierarchical Theory of Justification and Statistical Model Selection. , 2003, , 331-338.		0
52	Amnesia and Learning. , 2012, , 210-212.		0