

Joachim Vandekerckhove

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

3,360
citations

147726

31
h-index

161767

54
g-index

66
all docs

66
docs citations

66
times ranked

3504
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical diffusion models for two-choice response times.. Psychological Methods, 2011, 16, 44-62.	2.7	224
2	Testing theories of post-error slowing. Attention, Perception, and Psychophysics, 2012, 74, 454-465.	0.7	206
3	A Bayesian Perspective on the Reproducibility Project: Psychology. PLoS ONE, 2016, 11, e0149794.	1.1	198
4	Diffusion model analysis with MATLAB: A DMAT primer. Behavior Research Methods, 2008, 40, 61-72.	2.3	182
5	Fitting the ratcliff diffusion model to experimental data. Psychonomic Bulletin and Review, 2007, 14, 1011-1026.	1.4	172
6	Meta-analyses are no substitute for registered replications: a skeptical perspective on religious priming. Frontiers in Psychology, 2015, 6, 1365.	1.1	136
7	Introduction to Bayesian Inference for Psychology. Psychonomic Bulletin and Review, 2018, 25, 5-34.	1.4	127
8	Pupil-Linked Arousal Determines Variability in Perceptual Decision Making. PLoS Computational Biology, 2014, 10, e1003854.	1.5	122
9	How attention influences perceptual decision making: Single-trial EEG correlates of drift-diffusion model parameters. Journal of Mathematical Psychology, 2017, 76, 117-130.	1.0	106
10	Extending JAGS: A tutorial on adding custom distributions to JAGS (with a diffusion model example). Behavior Research Methods, 2014, 46, 15-28.	2.3	98
11	A diffusion model decomposition of the practice effect. Psychonomic Bulletin and Review, 2009, 16, 1026-1036.	1.4	95
12	The Quality of Response Time Data Inference: A Blinded, Collaborative Assessment of the Validity of Cognitive Models. Psychonomic Bulletin and Review, 2019, 26, 1051-1069.	1.4	95
13	Influence of prior information on pain involves biased perceptual decision-making. Current Biology, 2014, 24, R679-R681.	1.8	89
14	Editorial: Bayesian methods for advancing psychological science. Psychonomic Bulletin and Review, 2018, 25, 1-4.	1.4	89
15	Bayesian parameter estimation in the Expectancy Valence model of the Iowa gambling task. Journal of Mathematical Psychology, 2010, 54, 14-27.	1.0	87
16	A hierarchical latent stochastic differential equation model for affective dynamics.. Psychological Methods, 2011, 16, 468-490.	2.7	75
17	The EZ diffusion model provides a powerful test of simple empirical effects. Psychonomic Bulletin and Review, 2017, 24, 547-556.	1.4	75
18	Metastudies for robust tests of theory. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2607-2612.	3.3	74

#	ARTICLE	IF	CITATIONS
19	A diffusion model account of the relationship between the emotional flanker task and rumination and depression.. <i>Emotion</i> , 2013, 13, 739-747.	1.5	67
20	Robust Modeling in Cognitive Science. <i>Computational Brain & Behavior</i> , 2019, 2, 141-153.	0.9	58
21	Specificity of basic information processing and inhibitory control in attention deficit hyperactivity disorder. <i>Psychological Medicine</i> , 2014, 44, 617-631.	2.7	57
22	On the predictive validity of indirect attitude measures: Prediction of consumer choice behavior on the basis of affective priming in the pictureâ€”picture naming task. <i>Journal of Experimental Social Psychology</i> , 2007, 43, 599-610.	1.3	56
23	Bayesian inference for psychology, part IV: parameter estimation and Bayes factors. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 102-113.	1.4	52
24	A Hierarchical Ornsteinâ€”Uhlenbeck Model for Continuous Repeated Measurement Data. <i>Psychometrika</i> , 2009, 74, 395-418.	1.2	51
25	Mechanisms underpinning inattention and hyperactivity: neurocognitive support for ADHD dimensionality. <i>Psychological Medicine</i> , 2014, 44, 3189-3201.	2.7	50
26	The case for formal methodology in scientific reform. <i>Royal Society Open Science</i> , 2021, 8, 200805.	1.1	50
27	Bayesian Data Analysis with the Bivariate Hierarchical Ornstein-Uhlenbeck Process Model. <i>Multivariate Behavioral Research</i> , 2016, 51, 106-119.	1.8	48
28	A cognitive latent variable model for the simultaneous analysis of behavioral and personality data. <i>Journal of Mathematical Psychology</i> , 2014, 60, 58-71.	1.0	47
29	Individual differences in attention influence perceptual decision making. <i>Frontiers in Psychology</i> , 2015, 6, 18.	1.1	47
30	Identification of Everyday Objects on the Basis of Fragmented Outline Versions. <i>Perception</i> , 2008, 37, 271-289.	0.5	41
31	A Bayesian approach to mitigation of publication bias. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 74-86.	1.4	40
32	The latency of a visual evoked potential tracks the onset of decision making. <i>NeuroImage</i> , 2019, 197, 93-108.	2.1	39
33	Time-varying boundaries for diffusion models of decision making and response time. <i>Frontiers in Psychology</i> , 2014, 5, 1364.	1.1	35
34	A diffusion model account of age differences in posterror slowing.. <i>Psychology and Aging</i> , 2013, 28, 64-76.	1.4	31
35	Discussion points for Bayesian inference. <i>Nature Human Behaviour</i> , 2020, 4, 561-563.	6.2	31
36	Bayesian Cultural Consensus Theory. <i>Field Methods</i> , 2014, 26, 207-222.	0.5	29

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37	Bayesian Inference and Testing Any Hypothesis You Can Specify. <i>Advances in Methods and Practices in Psychological Science</i> , 2018, 1, 281-295.	5.4	27
38	Individual Differences in Cortical Processing Speed Predict Cognitive Abilities: a Model-Based Cognitive Neuroscience Account. <i>Computational Brain & Behavior</i> , 2019, 2, 64-84.	0.9	25
39	A crossed random effects diffusion model for speeded semantic categorization decisions. <i>Acta Psychologica</i> , 2010, 133, 269-282.	0.7	22
40	A test of the diffusion model explanation for the worst performance rule using preregistration and blinding. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 713-725.	0.7	22
41	Psychological well-being and personality traits are associated with experiencing love in everyday life. <i>Personality and Individual Differences</i> , 2020, 153, 109620.	1.6	21
42	Bayesian inference for psychology, part III: Parameter estimation in nonstandard models. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 77-101.	1.4	18
43	What does it mean to feel loved: Cultural consensus and individual differences in felt love. <i>Journal of Social and Personal Relationships</i> , 2019, 36, 214-243.	1.4	18
44	The concavity effect is a compound of local and global effects. <i>Perception & Psychophysics</i> , 2007, 69, 1253-1260.	2.3	16
45	Do People Agree on What Makes One Feel Loved? A Cognitive Psychometric Approach to the Consensus on Felt Love. <i>PLoS ONE</i> , 2016, 11, e0152803.	1.1	11
46	The consistency test may be too weak to be useful: Its systematic application would not improve effect size estimation in meta-analyses. <i>Journal of Mathematical Psychology</i> , 2013, 57, 170-173.	1.0	10
47	Timing of Readiness Potentials Reflect a Decision-making Process in the Human Brain. <i>Computational Brain & Behavior</i> , 2021, 4, 264-283.	0.9	9
48	Cortico-Brainstem Mechanisms of Biased Perceptual Decision-Making in the Context of Pain. <i>Journal of Pain</i> , 2022, 23, 680-692.	0.7	9
49	A quantum probability account of individual differences in causal reasoning. <i>Journal of Mathematical Psychology</i> , 2018, 87, 76-97.	1.0	8
50	Modeling when people quit: Bayesian censored geometric models with hierarchical and latent-mixture extensions. <i>Behavior Research Methods</i> , 2018, 50, 406-415.	2.3	7
51	Poor stimulus discriminability as a common neuropsychological deficit between ADHD and reading ability in young children: a moderated mediation model. <i>Psychological Medicine</i> , 2017, 47, 255-266.	2.7	5
52	A joint process model of consensus and longitudinal dynamics. <i>Journal of Mathematical Psychology</i> , 2020, 98, 102386.	1.0	4
53	Cultural Consensus Theory for the evaluation of patients' mental health scores in forensic psychiatric hospitals. <i>Journal of Mathematical Psychology</i> , 2020, 98, 102383.	1.0	3
54	Robust Diversity in Cognitive Science. <i>Computational Brain & Behavior</i> , 2019, 2, 271-276.	0.9	2