

Kay H Brodersen

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

3,473
citations

430442

18
h-index

752256

20
g-index

25
all docs

25
docs citations

25
times ranked

5008
citing authors

#	ARTICLE	IF	CITATIONS
1	TAPAS: An Open-Source Software Package for Translational Neuromodeling and Computational Psychiatry. <i>Frontiers in Psychiatry</i> , 2021, 12, 680811.	1.3	69
2	Atypical processing of uncertainty in individuals at risk for psychosis. <i>NeuroImage: Clinical</i> , 2020, 26, 102239.	1.4	37
3	Computational neuroimaging strategies for single patient predictions. <i>NeuroImage</i> , 2017, 145, 180-199.	2.1	144
4	Reward-Guided Learning with and without Causal Attribution. <i>Neuron</i> , 2016, 90, 177-190.	3.8	69
5	Inferring causal impact using Bayesian structural time-series models. <i>Annals of Applied Statistics</i> , 2015, 9, .	0.5	483
6	Inversion of hierarchical Bayesian models using Gaussian processes. <i>NeuroImage</i> , 2015, 118, 133-145.	2.1	12
7	Uncertainty in perception and the Hierarchical Gaussian Filter. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 825.	1.0	286
8	Laminar activity in the hippocampus and entorhinal cortex related to novelty and episodic encoding. <i>Nature Communications</i> , 2014, 5, 5547.	5.8	90
9	Dissecting psychiatric spectrum disorders by generative embedding. <i>NeuroImage: Clinical</i> , 2014, 4, 98-111.	1.4	150
10	Hierarchical Prediction Errors in Midbrain and Basal Forebrain during Sensory Learning. <i>Neuron</i> , 2013, 80, 519-530.	3.8	285
11	Segregated Encoding of Rewardâ€™Identity and Stimulusâ€™Reward Associations in Human Orbitofrontal Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 3202-3211.	1.7	125
12	Variational Bayesian mixed-effects inference for classification studies. <i>NeuroImage</i> , 2013, 76, 345-361.	2.1	30
13	Decoding gender dimorphism of the human brain using multimodal anatomical and diffusion MRI data. <i>NeuroImage</i> , 2013, 70, 250-257.	2.1	57
14	Disentangling Spatial Perception and Spatial Memory in the Hippocampus: A Univariate and Multivariate Pattern Analysis fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 534-546.	1.1	37
15	Decoding the perception of pain from fMRI using multivariate pattern analysis. <i>NeuroImage</i> , 2012, 63, 1162-1170.	2.1	177
16	Model-based feature construction for multivariate decoding. <i>NeuroImage</i> , 2011, 56, 601-615.	2.1	29
17	Generative Embedding for Model-Based Classification of fMRI Data. <i>PLoS Computational Biology</i> , 2011, 7, e1002079.	1.5	145
18	Anterior Insula Integrates Information about Salience into Perceptual Decisions about Pain. <i>Journal of Neuroscience</i> , 2010, 30, 16324-16331.	1.7	383

#	ARTICLE	IF	CITATIONS
19	The Binormal Assumption on Precision-Recall Curves. , 2010, , .		40
20	The Balanced Accuracy and Its Posterior Distribution. , 2010, , .		784
21	Integrated Bayesian models of learning and decision making for saccadic eye movements. Neural Networks, 2008, 21, 1247-1260.	3.3	31