Kay H Brodersen

List of Publications by Year
in descending order

21 papers	3,473 citations	430874 18 h-index	752698 20 g-index
25 all docs	25 docs citations	25 times ranked	5008 citing authors

#	Article	IF	Citations
1	The Balanced Accuracy and Its Posterior Distribution. , 2010, , .		784
2	Inferring causal impact using Bayesian structural time-series models. Annals of Applied Statistics, 2015, 9, .	1.1	483
3	Anterior Insula Integrates Information about Salience into Perceptual Decisions about Pain. Journal of Neuroscience, 2010, 30, 16324-16331.	3.6	383
4	Uncertainty in perception and the Hierarchical Gaussian Filter. Frontiers in Human Neuroscience, 2014, 8, 825.	2.0	286
5	Hierarchical Prediction Errors in Midbrain and Basal Forebrain during Sensory Learning. Neuron, 2013, 80, 519-530.	8.1	285
6	Decoding the perception of pain from fMRI using multivariate pattern analysis. NeuroImage, 2012, 63, 1162-1170.	4.2	177
7	Dissecting psychiatric spectrum disorders by generative embedding. NeuroImage: Clinical, 2014, 4, 98-111.	2.7	150
8	Generative Embedding for Model-Based Classification of fMRI Data. PLoS Computational Biology, 2011, 7, e1002079.	3.2	145
9	Computational neuroimaging strategies for single patient predictions. NeuroImage, 2017, 145, 180-199.	4.2	144
10	Segregated Encoding of Reward–Identity and Stimulus–Reward Associations in Human Orbitofrontal Cortex. Journal of Neuroscience, 2013, 33, 3202-3211.	3.6	125
11	Laminar activity in the hippocampus and entorhinal cortex related to novelty and episodic encoding. Nature Communications, 2014, 5, 5547.	12.8	90
12	Reward-Guided Learning with and without Causal Attribution. Neuron, 2016, 90, 177-190.	8.1	69
13	TAPAS: An Open-Source Software Package for Translational Neuromodeling and Computational Psychiatry. Frontiers in Psychiatry, 2021, 12, 680811.	2.6	69
14	Decoding gender dimorphism of the human brain using multimodal anatomical and diffusion MRI data. NeuroImage, 2013, 70, 250-257.	4.2	57
15	The Binormal Assumption on Precision-Recall Curves. , 2010, , .		40
16	Disentangling Spatial Perception and Spatial Memory in the Hippocampus: A Univariate and Multivariate Pattern Analysis fMRI Study. Journal of Cognitive Neuroscience, 2013, 25, 534-546.	2.3	37
17	Atypical processing of uncertainty in individuals at risk for psychosis. NeuroImage: Clinical, 2020, 26, 102239.	2.7	37
18	Integrated Bayesian models of learning and decision making for saccadic eye movements. Neural Networks, 2008, 21, 1247-1260.	5.9	31

#	Article	IF	Citations
19	Variational Bayesian mixed-effects inference for classification studies. NeuroImage, 2013, 76, 345-361.	4.2	30
20	Model-based feature construction for multivariate decoding. NeuroImage, 2011, 56, 601-615.	4.2	29
21	Inversion of hierarchical Bayesian models using Gaussian processes. NeuroImage, 2015, 118, 133-145.	4.2	12