

Ralf M Haefner

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

899
citations

840776

11
h-index

839539

18
g-index

30
all docs

30
docs citations

30
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Task-induced neural covariability as a signature of approximate Bayesian learning and inference. PLoS Computational Biology, 2022, 18, e1009557.	3.2	11
2	Aberrant causal inference and presence of a compensatory mechanism in autism spectrum disorder. ELife, 2022, 11, .	6.0	14
3	Stimulus-dependent relationships between behavioral choice and sensory neural responses. ELife, 2021, 10, .	6.0	7
4	A confirmation bias in perceptual decision-making due to hierarchical approximate inference. PLoS Computational Biology, 2021, 17, e1009517.	3.2	12
5	Using a perceptual confirmation bias to study learning and feedback in fovea and periphery. Journal of Vision, 2020, 20, 1695.	0.3	0
6	A causal inference model for the perception of complex motion in the presence of self-motion. Journal of Vision, 2020, 20, 1631.	0.3	1
7	Task-uninformative visual stimuli improve auditory spatial discrimination in humans but not the ideal observer. PLoS ONE, 2019, 14, e0215417.	2.5	5
8	Feedback determines the structure of correlated variability in primary visual cortex. Nature Neuroscience, 2018, 21, 598-606.	14.8	126
9	Differentiating between Models of Perceptual Decision Making Using Pupil Size Inferred Confidence. Journal of Neuroscience, 2018, 38, 8874-8888.	3.6	21
10	Characterizing and interpreting the influence of internal variables on sensory activity. Current Opinion in Neurobiology, 2017, 46, 84-89.	4.2	24
11	Perceptual Decision-Making as Probabilistic Inference by Neural Sampling. Neuron, 2016, 90, 649-660.	8.1	174
12	A neural basis for the spatial suppression of visual motion perception. ELife, 2016, 5, .	6.0	56
13	A Modality-Specific Feedforward Component of Choice-Related Activity in MT. Neuron, 2015, 87, 208-219.	8.1	36
14	Slowness and Sparseness Have Diverging Effects on Complex Cell Learning. PLoS Computational Biology, 2014, 10, e1003468.	3.2	12
15	Inferring decoding strategies from choice probabilities in the presence of correlated variability. Nature Neuroscience, 2013, 16, 235-242.	14.8	160
16	Suppressive Mechanisms in Monkey V1 Help to Solve the Stereo Correspondence Problem. Journal of Neuroscience, 2011, 31, 8295-8305.	3.6	34
17	Adaptation to Natural Binocular Disparities in Primate V1 Explained by a Generalized Energy Model. Neuron, 2008, 57, 147-158.	8.1	60
18	A dynamical model of the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2000, 314, 433-452.	4.4	69

#	ARTICLE	IF	CITATIONS
19	Simple three-integral scale-free galaxy models. Monthly Notices of the Royal Astronomical Society, 1997, 286, 315-328.	4.4	47