

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	Perceptual Decision-Making as Probabilistic Inference by Neural Sampling. <i>Neuron</i> , 2016, 90, 649-660.	8.1	174
2	Inferring decoding strategies from choice probabilities in the presence of correlated variability. <i>Nature Neuroscience</i> , 2013, 16, 235-242.	14.8	160
3	Feedback determines the structure of correlated variability in primary visual cortex. <i>Nature Neuroscience</i> , 2018, 21, 598-606.	14.8	126
4	A dynamical model of the inner Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 314, 433-452.	4.4	69
5	Adaptation to Natural Binocular Disparities in Primate V1 Explained by a Generalized Energy Model. <i>Neuron</i> , 2008, 57, 147-158.	8.1	60
6	A neural basis for the spatial suppression of visual motion perception. <i>ELife</i> , 2016, 5, .	6.0	56
7	Simple three-integral scale-free galaxy models. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 286, 315-328.	4.4	47
8	A Modality-Specific Feedforward Component of Choice-Related Activity in MT. <i>Neuron</i> , 2015, 87, 208-219.	8.1	36
9	Suppressive Mechanisms in Monkey V1 Help to Solve the Stereo Correspondence Problem. <i>Journal of Neuroscience</i> , 2011, 31, 8295-8305.	3.6	34
10	Characterizing and interpreting the influence of internal variables on sensory activity. <i>Current Opinion in Neurobiology</i> , 2017, 46, 84-89.	4.2	24
11	Differentiating between Models of Perceptual Decision Making Using Pupil Size Inferred Confidence. <i>Journal of Neuroscience</i> , 2018, 38, 8874-8888.	3.6	21
12	Aberrant causal inference and presence of a compensatory mechanism in autism spectrum disorder. <i>ELife</i> , 2022, 11, .	6.0	14
13	Slowness and Sparseness Have Diverging Effects on Complex Cell Learning. <i>PLoS Computational Biology</i> , 2014, 10, e1003468.	3.2	12
14	A confirmation bias in perceptual decision-making due to hierarchical approximate inference. <i>PLoS Computational Biology</i> , 2021, 17, e1009517.	3.2	12
15	Task-induced neural covariability as a signature of approximate Bayesian learning and inference. <i>PLoS Computational Biology</i> , 2022, 18, e1009557.	3.2	11
16	Stimulus-dependent relationships between behavioral choice and sensory neural responses. <i>ELife</i> , 2021, 10, .	6.0	7
17	Task-uninformative visual stimuli improve auditory spatial discrimination in humans but not the ideal observer. <i>PLoS ONE</i> , 2019, 14, e0215417.	2.5	5
18	A causal inference model for the perception of complex motion in the presence of self-motion. <i>Journal of Vision</i> , 2020, 20, 1631.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Using a perceptual confirmation bias to study learning and feedback in fovea and periphery. <i>Journal of Vision</i> , 2020, 20, 1695.	0.3	0