

Philipp Schwartenbeck

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

2,382
citations

623734

14
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

1599
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Belief State-Based Exploration and Exploitation in an Information-Selective Symmetric Reversal Bandit Task. <i>Computational Brain & Behavior</i> , 2021, 4, 442-462.	1.7	6
2	Imprecise action selection in substance use disorder: Evidence for active learning impairments when solving the explore-exploit dilemma. <i>Drug and Alcohol Dependence</i> , 2020, 215, 108208.	3.2	42
3	An Active Inference Approach to Modeling Structure Learning: Concept Learning as an Example Case. <i>Frontiers in Computational Neuroscience</i> , 2020, 14, 41.	2.1	46
4	Deficient Decision Making in Pathological Gamblers Correlates With Gray Matter Volume in Medial Orbitofrontal Cortex. <i>Frontiers in Psychiatry</i> , 2020, 11, 109.	2.6	6
5	Older adults fail to form stable task representations during model-based reversal inference. <i>Neurobiology of Aging</i> , 2019, 74, 90-100.	3.1	14
6	Computational mechanisms of curiosity and goal-directed exploration. <i>ELife</i> , 2019, 8, .	6.0	122
7	Dopaminergic basis for signaling belief updates, but not surprise, and the link to paranoia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10167-E10176.	7.1	65
8	Active Inference: A Process Theory. <i>Neural Computation</i> , 2017, 29, 1-49.	2.2	677
9	Computational Phenotyping in Psychiatry: A Worked Example. <i>ENeuro</i> , 2016, 3, ENEURO.0049-16.2016.	1.9	96
10	Active inference and learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 862-879.	6.1	366
11	Neural signals encoding shifts in beliefs. <i>NeuroImage</i> , 2016, 125, 578-586.	4.2	64
12	Impulsivity relates to striatal gray matter volumes in humans: evidence from a delay discounting paradigm. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 384.	2.0	61
13	Optimal inference with suboptimal models: Addiction and active Bayesian inference. <i>Medical Hypotheses</i> , 2015, 84, 109-117.	1.5	80
14	The Dopaminergic Midbrain Encodes the Expected Certainty about Desired Outcomes. <i>Cerebral Cortex</i> , 2015, 25, 3434-3445.	2.9	158
15	The anatomy of choice: dopamine and decision-making. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130481.	4.0	204
16	Exploration, novelty, surprise, and free energy minimization. <i>Frontiers in Psychology</i> , 2013, 4, 710.	2.1	126
17	The anatomy of choice: active inference and agency. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 598.	2.0	236