# Philipp Schwartenbeck

List of Publications by Year
in descending order

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