Jill X O'reilly

List of Publications by Year
in descending order

24 papers	4,500 citations	361413 20 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	6490 citing authors

#	Article	IF	Citations
1	Tools of the trade: psychophysiological interactions and functional connectivity. Social Cognitive and Affective Neuroscience, 2012, 7, 604-609.	3.0	676
2	Distinct and Overlapping Functional Zones in the Cerebellum Defined by Resting State Functional Connectivity. Cerebral Cortex, 2010, 20, 953-965.	2.9	647
3	Organizing conceptual knowledge in humans with a gridlike code. Science, 2016, 352, 1464-1468.	12.6	581
4	Diffusion-Weighted Imaging Tractography-Based Parcellation of the Human Parietal Cortex and Comparison with Human and Macaque Resting-State Functional Connectivity. Journal of Neuroscience, 2011, 31, 4087-4100.	3.6	446
5	The Organization of Dorsal Frontal Cortex in Humans and Macaques. Journal of Neuroscience, 2013, 33, 12255-12274.	3.6	366
6	Anxious individuals have difficulty learning the causal statistics of aversive environments. Nature Neuroscience, 2015, 18, 590-596.	14.8	294
7	Dissociable effects of surprise and model update in parietal and anterior cingulate cortex. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3660-9.	7.1	277
8	The Cerebellum Predicts the Timing of Perceptual Events. Journal of Neuroscience, 2008, 28, 2252-2260.	3.6	237
9	Causal effect of disconnection lesions on interhemispheric functional connectivity in rhesus monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13982-13987.	7.1	195
10	A Neural Circuit Covarying with Social Hierarchy in Macaques. PLoS Biology, 2014, 12, e1001940.	5.6	133
11	Two Anatomically and Computationally Distinct Learning Signals Predict Changes to Stimulus-Outcome Associations in Hippocampus. Neuron, 2016, 89, 1343-1354.	8.1	97
12	Neuronal Computation Underlying Inferential Reasoning in Humans and Mice. Cell, 2020, 183, 228-243.e21.	28.9	87
13	Making predictions in a changing world—inference, uncertainty, and learning. Frontiers in Neuroscience, 2013, 7, 105.	2.8	75
14	How can a Bayesian approach inform neuroscience?. European Journal of Neuroscience, 2012, 35, 1169-1179.	2.6	66
15	Acquisition of the Temporal and Ordinal Structure of Movement Sequences in Incidental Learning. Journal of Neurophysiology, 2008, 99, 2731-2735.	1.8	58
16	Causal manipulation of functional connectivity in a specific neural pathway during behaviour and at rest. ELife, 2015, 4, .	6.0	55
17	Control of entropy in neural models of environmental state. ELife, 2019, 8, .	6.0	50
18	Brain Systems for Probabilistic and Dynamic Prediction: Computational Specificity and Integration. PLoS Biology, 2013, 11, e1001662.	5.6	35

#	Article	IF	Citations
19	A Network for Computing Value Equilibrium in the Human Medial Prefrontal Cortex. Neuron, 2019, 101, 977-987.e3.	8.1	30
20	Towards a neuro-computational account of prism adaptation. Neuropsychologia, 2018, 115, 188-203.	1.6	29
21	Behavioral flexibility is associated with changes in structure and function distributed across a frontal cortical network in macaques. PLoS Biology, 2020, 18, e3000605.	5.6	24
22	Defensive freezing and its relation to approach–avoidance decision-making under threat. Scientific Reports, 2021, 11, 12030.	3.3	21
23	Medial Frontal Cortex Activity Predicts Information Sampling in Economic Choice. Journal of Neuroscience, 2021, 41, 8403-8413.	3.6	11
24	State-change decisions and dorsomedial prefrontal cortex: the importance of time. Current Opinion in Behavioral Sciences, 2018, 22, 152-160.	3.9	10