

Jill X O'reilly

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12070358/publications.pdf>

Version: 2024-02-01

24
papers

4,500
citations

361045

20
h-index

610482

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. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 604-609.	1.5	676
2	Distinct and Overlapping Functional Zones in the Cerebellum Defined by Resting State Functional Connectivity. <i>Cerebral Cortex</i> , 2010, 20, 953-965.	1.6	647
3	Organizing conceptual knowledge in humans with a gridlike code. <i>Science</i> , 2016, 352, 1464-1468.	6.0	581
4	Diffusion-Weighted Imaging Tractography-Based Parcellation of the Human Parietal Cortex and Comparison with Human and Macaque Resting-State Functional Connectivity. <i>Journal of Neuroscience</i> , 2011, 31, 4087-4100.	1.7	446
5	The Organization of Dorsal Frontal Cortex in Humans and Macaques. <i>Journal of Neuroscience</i> , 2013, 33, 12255-12274.	1.7	366
6	Anxious individuals have difficulty learning the causal statistics of aversive environments. <i>Nature Neuroscience</i> , 2015, 18, 590-596.	7.1	294
7	Dissociable effects of surprise and model update in parietal and anterior cingulate cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3660-9.	3.3	277
8	The Cerebellum Predicts the Timing of Perceptual Events. <i>Journal of Neuroscience</i> , 2008, 28, 2252-2260.	1.7	237
9	Causal effect of disconnection lesions on interhemispheric functional connectivity in rhesus monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13982-13987.	3.3	195
10	A Neural Circuit Covarying with Social Hierarchy in Macaques. <i>PLoS Biology</i> , 2014, 12, e1001940.	2.6	133
11	Two Anatomically and Computationally Distinct Learning Signals Predict Changes to Stimulus-Outcome Associations in Hippocampus. <i>Neuron</i> , 2016, 89, 1343-1354.	3.8	97
12	Neuronal Computation Underlying Inferential Reasoning in Humans and Mice. <i>Cell</i> , 2020, 183, 228-243.e21.	13.5	87
13	Making predictions in a changing world—“inference, uncertainty, and learning. <i>Frontiers in Neuroscience</i> , 2013, 7, 105.	1.4	75
14	How can a Bayesian approach inform neuroscience?. <i>European Journal of Neuroscience</i> , 2012, 35, 1169-1179.	1.2	66
15	Acquisition of the Temporal and Ordinal Structure of Movement Sequences in Incidental Learning. <i>Journal of Neurophysiology</i> , 2008, 99, 2731-2735.	0.9	58
16	Causal manipulation of functional connectivity in a specific neural pathway during behaviour and at rest. <i>ELife</i> , 2015, 4, .	2.8	55
17	Control of entropy in neural models of environmental state. <i>ELife</i> , 2019, 8, .	2.8	50
18	Brain Systems for Probabilistic and Dynamic Prediction: Computational Specificity and Integration. <i>PLoS Biology</i> , 2013, 11, e1001662.	2.6	35

#	ARTICLE	IF	CITATIONS
19	A Network for Computing Value Equilibrium in the Human Medial Prefrontal Cortex. <i>Neuron</i> , 2019, 101, 977-987.e3.	3.8	30
20	Towards a neuro-computational account of prism adaptation. <i>Neuropsychologia</i> , 2018, 115, 188-203.	0.7	29
21	Behavioral flexibility is associated with changes in structure and function distributed across a frontal cortical network in macaques. <i>PLoS Biology</i> , 2020, 18, e3000605.	2.6	24
22	Defensive freezing and its relation to approach-avoidance decision-making under threat. <i>Scientific Reports</i> , 2021, 11, 12030.	1.6	21
23	Medial Frontal Cortex Activity Predicts Information Sampling in Economic Choice. <i>Journal of Neuroscience</i> , 2021, 41, 8403-8413.	1.7	11
24	State-change decisions and dorsomedial prefrontal cortex: the importance of time. <i>Current Opinion in Behavioral Sciences</i> , 2018, 22, 152-160.	2.0	10