Tianming Yang

List of Publications by Year
in descending order

		687363	752698
29	1,796	13	20
papers	citations	h-index	g-index

40	40	40	1872
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Probabilistic reasoning by neurons. Nature, 2007, 447, 1075-1080.	27.8	485
2	The Effect of Perceptual Learning on Neuronal Responses in Monkey Visual Area V4. Journal of Neuroscience, 2004, 24, 1617-1626.	3.6	372
3	Physiological Correlates of Perceptual Learning in Monkey V1 and V2. Journal of Neurophysiology, 2002, 87, 1867-1888.	1.8	283
4	A Neural Implementation of Wald's Sequential Probability Ratio Test. Neuron, 2015, 85, 861-873.	8.1	127
5	A role for primate subgenual cingulate cortex in sustaining autonomic arousal. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5391-5396.	7.1	125
6	Geometry of sequence working memory in macaque prefrontal cortex. Science, 2022, 375, 632-639.	12.6	74
7	The Speed and Accuracy of a Simple Perceptual Decision: A Mathematical Primer. , 2006, , 208-237.		49
8	Covert shift of attention modulates the value encoding in the orbitofrontal cortex. ELife, 2018, 7, .	6.0	44
9	Orbitofrontal control of visual cortex gain promotes visual associative learning. Nature Communications, 2020, 11, 2784.	12.8	39
10	Evidence accumulation for value computation in the prefrontal cortex during decision making. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30728-30737.	7.1	33
11	A neural network model for the orbitofrontal cortex and task space acquisition during reinforcement learning. PLoS Computational Biology, 2018, 14, e1005925.	3.2	28
12	Comment on "Single-trial spike trains in parietal cortex reveal discrete steps during decision-making". Science, 2016, 351, 1406-1406.	12.6	26
13	Contributions of the hippocampus and entorhinal cortex to rapid visuomotor learning in rhesus monkeys. Hippocampus, 2014, 24, 1102-1111.	1.9	17
14	The Strength of Gradually Accruing Probabilistic Evidence Modulates Brain Activity during a Categorical Decision. Journal of Cognitive Neuroscience, 2015, 27, 705-719.	2.3	16
15	Effects of Anterior Capsulotomy on Decision Making in Patients with Refractory Obsessive–Compulsive Disorder. Frontiers in Psychology, 2017, 8, 1814.	2.1	13
16	A recurrent neural network framework for flexible and adaptive decision making based on sequence learning. PLoS Computational Biology, 2020, 16, e1008342.	3.2	12
17	Evolution and neural representation of mammalian cooperative behavior. Cell Reports, 2021, 37, 110029.	6.4	9
18	A neural network model of basal ganglia's decision-making circuitry. Cognitive Neurodynamics, 2021, 15, 17-26.	4.0	8

#	Article	IF	Citations
19	Efficient reinforcement learning of a reservoir network model of parametric working memory achieved with a cluster population winner-take-all readout mechanism. Journal of Neurophysiology, 2015, 114, 3296-3305.	1.8	6
20	Monkey plays Pac-Man with compositional strategies and hierarchical decision-making. ELife, 2022, 11, .	6.0	6
21	Acquisition and processing of an artificial mini-language combining semantic and syntactic elements. Cognition, 2019, 185, 49-61.	2.2	4
22	DDDM: A Brain-Inspired Framework for Robust Classification. , 2022, , .		1
23	Modeling Task State Representation by the Orbitofrontal Cortex with a Reservoir Network. Advances in Cognitive Neurodynamics, 2016, , 625-631.	0.1	0
24	Title is missing!. , 2020, 16, e1008342.		0
25	Title is missing!. , 2020, 16, e1008342.		0
26	Title is missing!. , 2020, 16, e1008342.		0
27	Title is missing!. , 2020, 16, e1008342.		0
28	Title is missing!. , 2020, 16, e1008342.		0
29	Title is missing!. , 2020, 16, e1008342.		0