Tianming Yang

List of Publications by Year
in descending order

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

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

#	Article	IF	Citations
1	Geometry of sequence working memory in macaque prefrontal cortex. Science, 2022, 375, 632-639.	12.6	74
2	Monkey plays Pac-Man with compositional strategies and hierarchical decision-making. ELife, 2022, 11, .	6.0	6
3	DDDM: A Brain-Inspired Framework for Robust Classification. , 2022, , .		1
4	A neural network model of basal ganglia's decision-making circuitry. Cognitive Neurodynamics, 2021, 15, 17-26.	4.0	8
5	Evolution and neural representation of mammalian cooperative behavior. Cell Reports, 2021, 37, 110029.	6.4	9
6	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
7	Orbitofrontal control of visual cortex gain promotes visual associative learning. Nature Communications, 2020, 11, 2784.	12.8	39
8	A recurrent neural network framework for flexible and adaptive decision making based on sequence learning. PLoS Computational Biology, 2020, 16, e1008342.	3.2	12
9	Title is missing!. , 2020, 16, e1008342.		0
10	Title is missing!. , 2020, 16, e1008342.		0
11	Title is missing!. , 2020, 16, e1008342.		0
12	Title is missing!. , 2020, 16, e1008342.		0
13	Title is missing!. , 2020, 16, e1008342.		0
14	Title is missing!. , 2020, 16, e1008342.		0
15	Acquisition and processing of an artificial mini-language combining semantic and syntactic elements. Cognition, 2019, 185, 49-61.	2.2	4
16	Covert shift of attention modulates the value encoding in the orbitofrontal cortex. ELife, 2018, 7, .	6.0	44
17	A neural network model for the orbitofrontal cortex and task space acquisition during reinforcement learning. PLoS Computational Biology, 2018, 14, e1005925.	3.2	28
18	Effects of Anterior Capsulotomy on Decision Making in Patients with Refractory Obsessive–Compulsive Disorder. Frontiers in Psychology, 2017, 8, 1814.	2.1	13

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19	Comment on "Single-trial spike trains in parietal cortex reveal discrete steps during decision-making". Science, 2016, 351, 1406-1406.	12.6	26
20	Modeling Task State Representation by the Orbitofrontal Cortex with a Reservoir Network. Advances in Cognitive Neurodynamics, 2016, , 625-631.	0.1	0
21	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
22	A Neural Implementation of Wald's Sequential Probability Ratio Test. Neuron, 2015, 85, 861-873.	8.1	127
23	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
24	Contributions of the hippocampus and entorhinal cortex to rapid visuomotor learning in rhesus monkeys. Hippocampus, 2014, 24, 1102-1111.	1.9	17
25	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
26	Probabilistic reasoning by neurons. Nature, 2007, 447, 1075-1080.	27.8	485
27	The Speed and Accuracy of a Simple Perceptual Decision: A Mathematical Primer. , 2006, , 208-237.		49
28	The Effect of Perceptual Learning on Neuronal Responses in Monkey Visual Area V4. Journal of Neuroscience, 2004, 24, 1617-1626.	3.6	372
29	Physiological Correlates of Perceptual Learning in Monkey V1 and V2. Journal of Neurophysiology, 2002, 87, 1867-1888.	1.8	283