Bilal A Bari

List of Publications by Year
in descending order

14 papers	440 citations	1163117 8 h-index	1125743 13 g-index
22 all docs	22 docs citations	22 times ranked	547 citing authors

#	Article	IF	Citations
1	Reinforcement learning modeling reveals a reward-history-dependent strategy underlying reversal learning in squirrel monkeys.. Behavioral Neuroscience, 2022, 136, 46-60.	1.2	3
2	Serotonin neurons modulate learning rate through uncertainty. Current Biology, 2022, 32, 586-599.e7.	3.9	65
3	Dynamic decision making and value computations in medial frontal cortex. International Review of Neurobiology, 2021, 158, 83-113.	2.0	5
4	Locus coeruleus spiking differently correlates with S1 cortex activity and pupil diameter in a tactile detection task. ELife, 2021, 10, .	6.0	21
5	Subthreshold basis for reward-predictive persistent activity in mouse prefrontal cortex. Cell Reports, 2021, 35, 109082.	6.4	4
6	Aversive stimuli bias corticothalamic responses to motivationally significant cues. ELife, 2021, 10, .	6.0	4
7	Entropy-based metrics for predicting choice behavior based on local response to reward. Nature Communications, 2021, 12, 6567.	12.8	8
8	Subhanallah: A Cultural Connection. Academic Medicine, 2020, 95, 1295-1296.	1.6	0
9	A quantitative reward prediction error signal in the ventral pallidum. Nature Neuroscience, 2020, 23, 1267-1276.	14.8	56
10	Stable Representations of Decision Variables for Flexible Behavior. Neuron, 2019, 103, 922-933.e7.	8.1	123
11	Localization of the Locus Coeruleus in the Mouse Brain. Journal of Visualized Experiments, 2019, , .	0.3	10
12	ATP7A and ATP7B copper transporters have distinct functions in the regulation of neuronal dopamine-β-hydroxylase. Journal of Biological Chemistry, 2018, 293, 20085-20098.	3.4	48
13	Behavioral and Electrophysiological Effects of Cortical Microstimulation Parameters. PLoS ONE, 2013, 8, e82170.	2.5	33
14	Detection of tactile inputs in the rat vibrissa pathway. Journal of Neurophysiology, 2012, 108, 479-490.	1.8	42