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