Rumana Chowdhury

List of Publications by Year
in descending order

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13 papers	1,452 citations	759233 12 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	2447 citing authors

#	Article	IF	Citations
1	Widespread age-related differences in the human brain microstructure revealed by quantitative magnetic resonance imaging. Neurobiology of Aging, 2014, 35, 1862-1872.	3.1	248
2	Dopamine restores reward prediction errors in old age. Nature Neuroscience, 2013, 16, 648-653.	14.8	233
3	Dopamine Modulates Reward-Related Vigor. Neuropsychopharmacology, 2013, 38, 1495-1503.	5.4	187
4	Dopamine Modulates Episodic Memory Persistence in Old Age. Journal of Neuroscience, 2012, 32, 14193-14204.	3.6	162
5	How Dopamine Enhances an Optimism Bias in Humans. Current Biology, 2012, 22, 1477-1481.	3.9	157
6	Action controls dopaminergic enhancement of reward representations. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7511-7516.	7.1	102
7	Differential, but not opponent, effects of l-DOPA and citalopram on action learning with reward and punishment. Psychopharmacology, 2014, 231, 955-966.	3.1	89
8	Brain tissue properties differentiate between motor and limbic basal ganglia circuits. Human Brain Mapping, 2014, 35, 5083-5092.	3.6	82
9	Parcellation of the human substantia nigra based on anatomical connectivity to the striatum. NeuroImage, 2013, 81, 191-198.	4.2	55
10	Characterizing Aging in the Human Brainstem Using Quantitative Multimodal MRI Analysis. Frontiers in Human Neuroscience, 2013, 7, 462.	2.0	50
11	Structural integrity of the substantia nigra and subthalamic nucleus predicts flexibility of instrumental learning in older-age individuals. Neurobiology of Aging, 2013, 34, 2261-2270.	3.1	40
12	Dorsal striatal dopamine D1 receptor availability predicts an instrumental bias in action learning. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 261-270.	7.1	36
13	Learning in anticipation of reward and punishment: perspectives across the human lifespan. Neurobiology of Aging, 2020, 96, 49-57.	3.1	11