

Rumana Chowdhury

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,452
citations

758635

12
h-index

1125271

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. <i>Neurobiology of Aging</i> , 2014, 35, 1862-1872.	1.5	248
2	Dopamine restores reward prediction errors in old age. <i>Nature Neuroscience</i> , 2013, 16, 648-653.	7.1	233
3	Dopamine Modulates Reward-Related Vigor. <i>Neuropsychopharmacology</i> , 2013, 38, 1495-1503.	2.8	187
4	Dopamine Modulates Episodic Memory Persistence in Old Age. <i>Journal of Neuroscience</i> , 2012, 32, 14193-14204.	1.7	162
5	How Dopamine Enhances an Optimism Bias in Humans. <i>Current Biology</i> , 2012, 22, 1477-1481.	1.8	157
6	Action controls dopaminergic enhancement of reward representations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7511-7516.	3.3	102
7	Differential, but not opponent, effects of l-DOPA and citalopram on action learning with reward and punishment. <i>Psychopharmacology</i> , 2014, 231, 955-966.	1.5	89
8	Brain tissue properties differentiate between motor and limbic basal ganglia circuits. <i>Human Brain Mapping</i> , 2014, 35, 5083-5092.	1.9	82
9	Parcellation of the human substantia nigra based on anatomical connectivity to the striatum. <i>NeuroImage</i> , 2013, 81, 191-198.	2.1	55
10	Characterizing Aging in the Human Brainstem Using Quantitative Multimodal MRI Analysis. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 462.	1.0	50
11	Structural integrity of the substantia nigra and subthalamic nucleus predicts flexibility of instrumental learning in older-age individuals. <i>Neurobiology of Aging</i> , 2013, 34, 2261-2270.	1.5	40
12	Dorsal striatal dopamine D1 receptor availability predicts an instrumental bias in action learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 261-270.	3.3	36
13	Learning in anticipation of reward and punishment: perspectives across the human lifespan. <i>Neurobiology of Aging</i> , 2020, 96, 49-57.	1.5	11