

Dheeraj S Roy

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

3,166
citations

758635

12
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

3357
citing authors

#	ARTICLE	IF	CITATIONS
1	Thalamic subnetworks as units of function. <i>Nature Neuroscience</i> , 2022, 25, 140-153.	7.1	50
2	Brain-wide mapping reveals that engrams for a single memory are distributed across multiple brain regions. <i>Nature Communications</i> , 2022, 13, 1799.	5.8	88
3	Anterior thalamic circuits crucial for working memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2118712119.	3.3	16
4	Targeting thalamic circuits rescues motor and mood deficits in PD mice. <i>Nature</i> , 2022, 607, 321-329.	13.7	32
5	Anterior thalamic dysfunction underlies cognitive deficits in a subset of neuropsychiatric disease models. <i>Neuron</i> , 2021, 109, 2590-2603.e13.	3.8	34
6	Inhibitory Central Amygdala Outputs to Thalamus Control the Gain of Taste Perception. <i>Journal of Neuroscience</i> , 2020, 40, 9166-9168.	1.7	4
7	Engram Cell Excitability State Determines the Efficacy of Memory Retrieval. <i>Neuron</i> , 2019, 101, 274-284.e5.	3.8	157
8	Engrams and circuits crucial for systems consolidation of a memory. <i>Science</i> , 2017, 356, 73-78.	6.0	732
9	Silent memory engrams as the basis for retrograde amnesia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9972-E9979.	3.3	87
10	Tagging activated neurons with light. <i>Nature Biotechnology</i> , 2017, 35, 827-828.	9.4	4
11	Distinct Neural Circuits for the Formation and Retrieval of Episodic Memories. <i>Cell</i> , 2017, 170, 1000-1012.e19.	13.5	221
12	Ventral CA1 neurons store social memory. <i>Science</i> , 2016, 353, 1536-1541.	6.0	467
13	Memory retrieval by activating engram cells in mouse models of early Alzheimer's disease. <i>Nature</i> , 2016, 531, 508-512.	13.7	417
14	Engram cells retain memory under retrograde amnesia. <i>Science</i> , 2015, 348, 1007-1013.	6.0	523
15	Memory engram storage and retrieval. <i>Current Opinion in Neurobiology</i> , 2015, 35, 101-109.	2.0	332