

J Elliott Robinson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2115837/publications.pdf>

Version: 2024-02-01

8
papers

483
citations

1478280

6
h-index

1719901

7
g-index

10
all docs

10
docs citations

10
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	Dorsal Raphe Dopamine Neurons Modulate Arousal and Promote Wakefulness by Salient Stimuli. <i>Neuron</i> , 2017, 94, 1205-1219.e8.	3.8	201
2	Machine learning-guided channelrhodopsin engineering enables minimally invasive optogenetics. <i>Nature Methods</i> , 2019, 16, 1176-1184.	9.0	141
3	Deep tissue optical focusing and optogenetic modulation with time-reversed ultrasonically encoded light. <i>Science Advances</i> , 2017, 3, eaao5520.	4.7	60
4	Optical dopamine monitoring with dLight1 reveals mesolimbic phenotypes in a mouse model of neurofibromatosis type 1. <i>ELife</i> , 2019, 8, .	2.8	33
5	Dopaminergic dysfunction in neurodevelopmental disorders: recent advances and synergistic technologies to aid basic research. <i>Current Opinion in Neurobiology</i> , 2018, 48, 17-29.	2.0	23
6	Dorsal Raphe Dopamine Neurons Signal Motivational Salience Dependent on Internal State, Expectation, and Behavioral Context. <i>Journal of Neuroscience</i> , 2021, 41, 2645-2655.	1.7	16
7	Light-guided sectioning for precise in situ localization and tissue interface analysis for brain-implanted optical fibers and GRIN lenses. <i>Cell Reports</i> , 2021, 36, 109744.	2.9	9
8	Time-reversed ultrasonically encoded (TRUE) focusing for deep-tissue optogenetic modulation. , 2018, , .		0