

J Elliott Robinson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

7
papers

271
citations

5
h-index

10
g-index

10
ext. papers

382
ext. citations

11.6
avg, IF

3.32
L-index

#	Paper	IF	Citations
7	Dorsal Raphe Dopamine Neurons Signal Motivational Salience Dependent on Internal State, Expectation, and Behavioral Context. <i>Journal of Neuroscience</i> , 2021 , 41, 2645-2655	6.6	2
6	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	10.6	0
5	Optical dopamine monitoring with dLight1 reveals mesolimbic phenotypes in a mouse model of neurofibromatosis type 1. <i>ELife</i> , 2019 , 8,	8.9	14
4	Machine learning-guided channelrhodopsin engineering enables minimally invasive optogenetics. <i>Nature Methods</i> , 2019 , 16, 1176-1184	21.6	65
3	Dopaminergic dysfunction in neurodevelopmental disorders: recent advances and synergistic technologies to aid basic research. <i>Current Opinion in Neurobiology</i> , 2018 , 48, 17-29	7.6	16
2	Dorsal Raphe Dopamine Neurons Modulate Arousal and Promote Wakefulness by Salient Stimuli. <i>Neuron</i> , 2017 , 94, 1205-1219.e8	13.9	134
1	Deep tissue optical focusing and optogenetic modulation with time-reversed ultrasonically encoded light. <i>Science Advances</i> , 2017 , 3, eaao5520	14.3	40