

Ryan G Natan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3891160/publications.pdf>

Version: 2024-02-01

12
papers

634
citations

759233

12
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

563
citing authors

#	ARTICLE	IF	CITATIONS
1	Complementary control of sensory adaptation by two types of cortical interneurons. <i>ELife</i> , 2015, 4, .	6.0	165
2	Cortical Interneurons Differentially Shape Frequency Tuning following Adaptation. <i>Cell Reports</i> , 2017, 21, 878-890.	6.4	89
3	Bidirectional Regulation of Innate and Learned Behaviors That Rely on Frequency Discrimination by Cortical Inhibitory Neurons. <i>PLoS Biology</i> , 2015, 13, e1002308.	5.6	73
4	Encoding of ultrasonic vocalizations in the auditory cortex. <i>Journal of Neurophysiology</i> , 2013, 109, 1912-1927.	1.8	55
5	Emergence of invariant representation of vocalizations in the auditory cortex. <i>Journal of Neurophysiology</i> , 2015, 114, 2726-2740.	1.8	54
6	An adaptive optics module for deep tissue multiphoton imaging in vivo. <i>Nature Methods</i> , 2021, 18, 1259-1264.	19.0	45
7	Fast widefield imaging of neuronal structure and function with optical sectioning in vivo. <i>Science Advances</i> , 2020, 6, eaaz3870.	10.3	39
8	Differential Short-Term Plasticity of PV and SST Neurons Accounts for Adaptation and Facilitation of Cortical Neurons to Auditory Tones. <i>Journal of Neuroscience</i> , 2020, 40, 9224-9235.	3.6	28
9	Ectopic Expression of Select Innexins in Individual Central Neurons Couples Them to Pre-Existing Neuronal or Glial Networks That Express the Same Innexin. <i>Journal of Neuroscience</i> , 2012, 32, 14265-14270.	3.6	26
10	Gain Control in the Auditory Cortex Evoked by Changing Temporal Correlation of Sounds. <i>Cerebral Cortex</i> , 2016, 27, bhw083.	2.9	19
11	Stable encoding of sounds over a broad range of statistical parameters in the auditory cortex. <i>European Journal of Neuroscience</i> , 2016, 43, 751-764.	2.6	17
12	In vivo volumetric imaging of calcium and glutamate activity at synapses with high spatiotemporal resolution. <i>Nature Communications</i> , 2021, 12, 6630.	12.8	16