

Tristan Geiller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1896284/publications.pdf>

Version: 2024-02-01

13
papers

600
citations

933447

10
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	A Role for the Locus Coeruleus in Hippocampal CA1 Place Cell Reorganization during Spatial Reward Learning. <i>Neuron</i> , 2020, 105, 1018-1026.e4.	8.1	113
2	Place cells are more strongly tied to landmarks in deep than in superficial CA1. <i>Nature Communications</i> , 2017, 8, 14531.	12.8	108
3	Large-Scale 3D Two-Photon Imaging of Molecularly Identified CA1 Interneuron Dynamics in Behaving Mice. <i>Neuron</i> , 2020, 108, 968-983.e9.	8.1	77
4	Local circuit amplification of spatial selectivity in the hippocampus. <i>Nature</i> , 2022, 601, 105-109.	27.8	60
5	Recruitment and inhibitory action of hippocampal axo-axonic cells during behavior. <i>Neuron</i> , 2021, 109, 3838-3850.e8.	8.1	44
6	Compartment-specific tuning of dendritic feature selectivity by intracellular Ca ²⁺ release. <i>Science</i> , 2022, 375, eabm1670.	12.6	41
7	Improving a genetically encoded voltage indicator by modifying the cytoplasmic charge composition. <i>Scientific Reports</i> , 2017, 7, 8286.	3.3	39
8	Local feedback inhibition tightly controls rapid formation of hippocampal place fields. <i>Neuron</i> , 2022, 110, 783-794.e6.	8.1	36
9	Differential Representation of Landmark and Self-Motion Information along the CA1 Radial Axis: Self-Motion Generated Place Fields Shift toward Landmarks during Septal Inactivation. <i>Journal of Neuroscience</i> , 2018, 38, 6766-6778.	3.6	34
10	Segregated Cell Populations Enable Distinct Parallel Encoding within the Radial Axis of the CA1 Pyramidal Layer. <i>Experimental Neurobiology</i> , 2017, 26, 1-10.	1.6	27
11	Adaptive stimulus selection for consolidation in the hippocampus. <i>Nature</i> , 2022, 601, 240-244.	27.8	18
12	Local Feedback Inhibition Tightly Controls Rapid Formation of Hippocampal Place Fields. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
13	Hydrogen permeation properties of in-situ Ti-based bulk metallic glass matrix composite membranes. , 2011, , .		0