

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