

Bruce Harland

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2969069/publications.pdf>

Version: 2024-02-01

11
papers

227
citations

1039880

9
h-index

1474057

9
g-index

13
all docs

13
docs citations

13
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Lesions of the Head Direction Cell System Increase Hippocampal Place Field Repetition. <i>Current Biology</i> , 2017, 27, 2706-2712.e2.	1.8	52
2	Anterior thalamic nuclei lesions and recovery of function: Relevance to cognitive thalamus. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 54, 145-160.	2.9	37
3	Dorsal CA1 hippocampal place cells form a multi-scale representation of megaspace. <i>Current Biology</i> , 2021, 31, 2178-2190.e6.	1.8	30
4	Reservoir computing model of prefrontal cortex creates novel combinations of previous navigation sequences from hippocampal place-cell replay with spatial reward propagation. <i>PLoS Computational Biology</i> , 2019, 15, e1006624.	1.5	21
5	A new rat-compatible robotic framework for spatial navigation behavioral experiments. <i>Journal of Neuroscience Methods</i> , 2018, 294, 40-50.	1.3	18
6	Interoceptive Insular Cortex Mediates Both Innate Fear and Contextual Threat Conditioning to Predator Odor. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 283.	1.0	16
7	A Role for the Longitudinal Axis of the Hippocampus in Multiscale Representations of Large and Complex Spatial Environments and Mnemonic Hierarchies. , 0, , .		15
8	Enriched Environment Procedures for Rodents: Creating a Standardized Protocol for Diverse Enrichment to Improve Consistency across Research Studies. <i>Bio-protocol</i> , 2020, 10, e3637.	0.2	11
9	The head direction cell system and behavior: The effects of lesions to the lateral mammillary bodies on spatial memory in a novel landmark task and in the water maze.. <i>Behavioral Neuroscience</i> , 2015, 129, 709-719.	0.6	10
10	A Subdural Bioelectronic Implant to Record Electrical Activity from the Spinal Cord in Freely Moving Rats. <i>Advanced Science</i> , 2022, 9, e2105913.	5.6	10
11	Investigating Fractal Analysis as a Diagnostic Tool That Probes the Connectivity of Hippocampal Neurons. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	5