

Vincent Hok

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4275232/publications.pdf>

Version: 2024-02-01

24
papers

1,024
citations

516710

16
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1087
citing authors

#	ARTICLE	IF	CITATIONS
1	Coding for spatial goals in the prelimbic/infralimbic area of the rat frontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4602-4607.	7.1	206
2	Goal-Related Activity in Hippocampal Place Cells. Journal of Neuroscience, 2007, 27, 472-482.	3.6	197
3	Spatial Navigation and Hippocampal Place Cell Firing: The Problem of Goal Encoding. Reviews in the Neurosciences, 2004, 15, 89-107.	2.9	83
4	Lesion of the ventral and intermediate hippocampus abolishes anticipatory activity in the medial prefrontal cortex of the rat. Behavioural Brain Research, 2009, 199, 222-234.	2.2	69
5	Prefrontal Cortex Focally Modulates Hippocampal Place Cell Firing Patterns. Journal of Neuroscience, 2013, 33, 3443-3451.	3.6	56
6	Automated spike sorting algorithm based on Laplacian eigenmaps and <i>k</i> -means clustering. Journal of Neural Engineering, 2011, 8, 016006.	3.5	51
7	Hippocampal Dynamics Predict Interindividual Cognitive Differences in Rats. Journal of Neuroscience, 2012, 32, 3540-3551.	3.6	39
8	Age-related declines in delayed non-match-to-sample performance (DNMS) are reversed by the novel 5HT6 receptor antagonist SB742457. Neuropharmacology, 2012, 63, 890-897.	4.1	37
9	Insensitivity of place cells to the value of spatial goals in a two-choice flexible navigation task. Journal of Neuroscience, 2019, 39, 1578-18.	3.6	37
10	Remembering goal locations. Current Opinion in Behavioral Sciences, 2017, 17, 51-56.	3.9	34
11	Ventral Midline Thalamus Is Necessary for Hippocampal Place Field Stability and Cell Firing Modulation. Journal of Neuroscience, 2018, 38, 158-172.	3.6	34
12	Spatial cognition in mice and rats: similarities and differences in brain and behavior. Wiley Interdisciplinary Reviews: Cognitive Science, 2016, 7, 406-421.	2.8	30
13	Dissociation of dorsal hippocampal regional activation under the influence of stress in freely behaving rats. Frontiers in Behavioral Neuroscience, 2011, 5, 66.	2.0	22
14	Rosiglitazone enhances learning, place cell activity, and synaptic plasticity in middle-aged rats. Neurobiology of Aging, 2012, 33, 835.e13-835.e30.	3.1	21
15	Differential role of the dorsal hippocampus, ventro-intermediate hippocampus, and medial prefrontal cortex in updating the value of a spatial goal. Hippocampus, 2013, 23, 342-351.	1.9	19
16	Tagging items in spatial working memory: A unit-recording study in the rat medial prefrontal cortex. Behavioural Brain Research, 2010, 209, 267-273.	2.2	17
17	Time as the fourth dimension in the hippocampus. Progress in Neurobiology, 2021, 199, 101920.	5.7	16
18	Is there a pilot in the brain? Contribution of the self-positioning system to spatial navigation. Frontiers in Behavioral Neuroscience, 2015, 9, 292.	2.0	15

#	ARTICLE	IF	CITATIONS
19	A TEST OF THE TIME ESTIMATION HYPOTHESIS OF PLACE CELL GOAL-RELATED ACTIVITY. Journal of Integrative Neuroscience, 2007, 06, 367-378.	1.7	10
20	Stability and variability of place cell activity during behavior: Functional implications for dynamic coding of spatial information. Journal of Physiology (Paris), 2012, 106, 62-71.	2.1	4
21	Deficits in temporal order memory induced by interferon-alpha (IFN- α) treatment are rescued by aerobic exercise. Brain Research Bulletin, 2018, 140, 212-219.	3.0	2
22	Influences of photic stress on postsubicular head direction processing. European Journal of Neuroscience, 2018, 47, 1003-1012.	2.6	1
23	A waveform independent cell identification method to study long-term variability of spike recordings. , 2011, 2011, 2558-61.		0
24	Cue and Goal Encoding in Rodents: A Source of Inspiration for Robotics?., 2007, , 163-180.		0