Vincent Hok

List of Publications by Year
in descending order

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	Time as the fourth dimension in the hippocampus. Progress in Neurobiology, 2021, 199, 101920.	5.7	16
2	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
3	Influences of photic stress on postsubicular headâ€directional processing. European Journal of Neuroscience, 2018, 47, 1003-1012.	2.6	1
4	Ventral Midline Thalamus Is Necessary for Hippocampal Place Field Stability and Cell Firing Modulation. Journal of Neuroscience, 2018, 38, 158-172.	3.6	34
5	Deficits in temporal order memory induced by interferon-alpha (IFN-Î±) treatment are rescued by aerobic exercise. Brain Research Bulletin, 2018, 140, 212-219.	3.0	2
6	Remembering goal locations. Current Opinion in Behavioral Sciences, 2017, 17, 51-56.	3.9	34
7	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
8	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
9	Prefrontal Cortex Focally Modulates Hippocampal Place Cell Firing Patterns. Journal of Neuroscience, 2013, 33, 3443-3451.	3.6	56
10	Differential role of the dorsal hippocampus, ventroâ€intermediate hippocampus, and medial prefrontal cortex in updating the value of a spatial goal. Hippocampus, 2013, 23, 342-351.	1.9	19
11	Hippocampal Dynamics Predict Interindividual Cognitive Differences in Rats. Journal of Neuroscience, 2012, 32, 3540-3551.	3.6	39
12	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
13	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
14	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
15	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
16	A waveform independent cell identification method to study long-term variability of spike recordings. , 2011, 2011, 2558-61.		0
17	Automated spike sorting algorithmbased on Laplacian eigenmaps andk-means clustering. Journal of Neural Engineering, 2011, 8, 016006.	3.5	51
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	A TEST OF THE TIME ESTIMATION HYPOTHESIS OF PLACE CELL GOAL-RELATED ACTIVITY. Journal of Integrative Neuroscience, 2007, 06, 367-378.	1.7	10
21	Goal-Related Activity in Hippocampal Place Cells. Journal of Neuroscience, 2007, 27, 472-482.	3.6	197
22	Cue and Goal Encoding in Rodents: A Source of Inspiration for Robotics?. , 2007, , 163-180.		0
23	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
24	Spatial Navigation and Hippocampal Place Cell Firing: The Problem of Goal Encoding. Reviews in the Neurosciences, 2004, 15, 89-107.	2.9	83