

Guifen Chen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,140
citations

759233

12
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1253
citing authors

#	ARTICLE	IF	CITATIONS
1	The Tolman-Eichenbaum Machine: Unifying Space and Relational Memory through Generalization in the Hippocampal Formation. <i>Cell</i> , 2020, 183, 1249-1263.e23.	28.9	259
2	Differential influences of environment and self-motion on place and grid cell firing. <i>Nature Communications</i> , 2019, 10, 630.	12.8	54
3	Identifying posture cells in the brain. <i>Science</i> , 2018, 362, 520-521.	12.6	1
4	Spatial cell firing during virtual navigation of open arenas by head-restrained mice. <i>ELife</i> , 2018, 7, .	6.0	47
5	The characterization of hippocampal theta-driving neurons " a time-delayed mutual information approach. <i>Scientific Reports</i> , 2017, 7, 5637.	3.3	7
6	Theta Rhythmic Clock-Like Activity of Single Units in the Mouse Hippocampus. <i>Journal of Neuroscience</i> , 2016, 36, 4415-4420.	3.6	7
7	Absence of Visual Input Results in the Disruption of Grid Cell Firing in the Mouse. <i>Current Biology</i> , 2016, 26, 2335-2342.	3.9	134
8	On initial Brain Activity Mapping of episodic and semantic memory code in the hippocampus. <i>Neurobiology of Learning and Memory</i> , 2013, 105, 200-210.	1.9	22
9	On brain activity mapping: insights and lessons from Brain Decoding Project to map memory patterns in the hippocampus. <i>Science China Life Sciences</i> , 2013, 56, 767-779.	4.9	4
10	How vision and movement combine in the hippocampal place code. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 378-383.	7.1	283
11	Mapping and Deciphering Neural Codes of NMDA Receptor-Dependent Fear Memory Engrams in the Hippocampus. <i>PLoS ONE</i> , 2013, 8, e79454.	2.5	20
12	Hippocampal theta-driving cells revealed by Granger causality. <i>Hippocampus</i> , 2012, 22, 1781-1793.	1.9	23
13	Differential Consolidation and Pattern Reverberations within Episodic Cell Assemblies in the Mouse Hippocampus. <i>PLoS ONE</i> , 2011, 6, e16507.	2.5	16
14	Neural Population-Level Memory Traces in the Mouse Hippocampus. <i>PLoS ONE</i> , 2009, 4, e8256.	2.5	52
15	Neural encoding of the concept of nest in the mouse brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6066-6071.	7.1	72
16	Large-scale neural ensemble recording in the brains of freely behaving mice. <i>Journal of Neuroscience Methods</i> , 2006, 155, 28-38.	2.5	94
17	Generation of a bioactive neuropeptide in a cell-free system. <i>Analytical Biochemistry</i> , 2003, 316, 34-40.	2.4	7