

# Guifen Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5009695/publications.pdf>

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