

# Thomas Joseph Wills

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3032703/publications.pdf>

Version: 2024-02-01

11

papers

654

citations

933447

10

h-index

1281871

11

g-index

11

all docs

11

docs citations

11

times ranked

567

citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A Developmental Switch in Place Cell Accuracy Coincides with Grid Cell Maturation. <i>Neuron</i> , 2015, 86, 1167-1173.	8.1	112
3	The Development of the Head Direction System before Eye Opening in the Rat. <i>Current Biology</i> , 2015, 25, 479-483.	3.9	83
4	The abrupt development of adult-like grid cell firing in the medial entorhinal cortex. <i>Frontiers in Neural Circuits</i> , 2012, 6, 21.	2.8	72
5	The development of spatial behaviour and the hippocampal neural representation of space. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130409.	4.0	63
6	Coordinated Emergence of Hippocampal Replay and Theta Sequences during Post-natal Development. <i>Current Biology</i> , 2019, 29, 834-840.e4.	3.9	52
7	The development of spatial and memory circuits in the rat. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2017, 8, e1424.	2.8	47
8	Vector trace cells in the subiculum of the hippocampal formation. <i>Nature Neuroscience</i> , 2021, 24, 266-275.	14.8	40
9	Self-Organized Attractor Dynamics in the Developing Head Direction Circuit. <i>Current Biology</i> , 2018, 28, 609-615.e3.	3.9	36
10	The development of the hippocampal neural representation of space. <i>Current Opinion in Neurobiology</i> , 2014, 24, 111-119.	4.2	13
11	Hippocampus: Activity-Driven Maturation of Neural Circuits for Navigation. <i>Current Biology</i> , 2017, 27, R428-R430.	3.9	2