

# 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

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citations

932766

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h-index

1281420

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g-index

11  
all docs

11  
docs citations

11  
times ranked

567  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vector trace cells in the subiculum of the hippocampal formation. <i>Nature Neuroscience</i> , 2021, 24, 266-275.	7.1	40
2	Coordinated Emergence of Hippocampal Replay and Theta Sequences during Post-natal Development. <i>Current Biology</i> , 2019, 29, 834-840.e4.	1.8	52
3	Self-Organized Attractor Dynamics in the Developing Head Direction Circuit. <i>Current Biology</i> , 2018, 28, 609-615.e3.	1.8	36
4	Hippocampus: Activity-Driven Maturation of Neural Circuits for Navigation. <i>Current Biology</i> , 2017, 27, R428-R430.	1.8	2
5	The development of spatial and memory circuits in the rat. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2017, 8, e1424.	1.4	47
6	Absence of Visual Input Results in the Disruption of Grid Cell Firing in the Mouse. <i>Current Biology</i> , 2016, 26, 2335-2342.	1.8	134
7	A Developmental Switch in Place Cell Accuracy Coincides with Grid Cell Maturation. <i>Neuron</i> , 2015, 86, 1167-1173.	3.8	112
8	The Development of the Head Direction System before Eye Opening in the Rat. <i>Current Biology</i> , 2015, 25, 479-483.	1.8	83
9	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.	1.8	63
10	The development of the hippocampal neural representation of space. <i>Current Opinion in Neurobiology</i> , 2014, 24, 111-119.	2.0	13
11	The abrupt development of adult-like grid cell firing in the medial entorhinal cortex. <i>Frontiers in Neural Circuits</i> , 2012, 6, 21.	1.4	72