

# Roddy M Grieves

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5656069/publications.pdf>

Version: 2024-02-01

17  
papers

682  
citations

759233

12  
h-index

996975

15  
g-index

23  
all docs

23  
docs citations

23  
times ranked

622  
citing authors

#	ARTICLE	IF	CITATIONS
1	The representation of space in the brain. <i>Behavioural Processes</i> , 2017, 135, 113-131.	1.1	156
2	Place cells on a maze encode routes rather than destinations. <i>ELife</i> , 2016, 5, .	6.0	84
3	Cognitive maps and spatial inference in animals: Rats fail to take a novel shortcut, but can take a previously experienced one. <i>Learning and Motivation</i> , 2013, 44, 81-92.	1.2	63
4	Place field repetition and spatial learning in a multicompartment environment. <i>Hippocampus</i> , 2016, 26, 118-134.	1.9	63
5	Lesions of the Head Direction Cell System Increase Hippocampal Place Field Repetition. <i>Current Biology</i> , 2017, 27, 2706-2712.e2.	3.9	52
6	The place-cell representation of volumetric space in rats. <i>Nature Communications</i> , 2020, 11, 789.	12.8	49
7	Insensitivity of place cells to the value of spatial goals in a two-choice flexible navigation task. <i>Journal of Neuroscience</i> , 2019, 39, 1578-18.	3.6	37
8	The Yin and Yang of Memory Consolidation: Hippocampal and Neocortical. <i>PLoS Biology</i> , 2017, 15, e2000531.	5.6	36
9	Irregular distribution of grid cell firing fields in rats exploring a 3D volumetric space. <i>Nature Neuroscience</i> , 2021, 24, 1567-1573.	14.8	35
10	Hippocampal place cells encode global location but not connectivity in a complex space. <i>Current Biology</i> , 2021, 31, 1221-1233.e9.	3.9	30
11	A boundary vector cell model of place field repetition. <i>Spatial Cognition and Computation</i> , 2018, 18, 217-256.	1.2	24
12	Field repetition and local mapping in the hippocampus and the medial entorhinal cortex. <i>Journal of Neurophysiology</i> , 2017, 118, 2378-2388.	1.8	17
13	Volumetric spatial behaviour in rats reveals the anisotropic organisation of navigation. <i>Animal Cognition</i> , 2021, 24, 133-163.	1.8	9
14	Science ethics: Young scientists speak. <i>Science</i> , 2014, 345, 24-27.	12.6	5
15	Think local, act global: How do fragmented representations of space allow seamless navigation?. <i>Behavioral and Brain Sciences</i> , 2013, 36, 548-549.	0.7	1
16	NextGenVOICES. <i>Science</i> , 2013, 340, 28-30.	12.6	1
17	Recording the Spatial Mapping Cells: Place, Head Direction, and Grid Cells. <i>Handbook of Behavioral Neuroscience</i> , 2018, 28, 95-121.	0.7	0