

# Brendan A Bicknell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3500072/publications.pdf>

Version: 2024-02-01

7  
papers

259  
citations

1307366  
7  
h-index

1719901  
7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted Activation of Hippocampal Place Cells Drives Memory-Guided Spatial Behavior. <i>Cell</i> , 2020, 183, 1586-1599.e10.	13.5	153
2	The dynamics of growth cone morphology. <i>BMC Biology</i> , 2015, 13, 10.	1.7	28
3	A synaptic learning rule for exploiting nonlinear dendritic computation. <i>Neuron</i> , 2021, 109, 4001-4017.e10.	3.8	28
4	The limits of chemosensation vary across dimensions. <i>Nature Communications</i> , 2015, 6, 7468.	5.8	19
5	Emergence of ion channel modal gating from independent subunit kinetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5288-97.	3.3	13
6	Control of neurite growth and guidance by an inhibitory cell-body signal. <i>PLoS Computational Biology</i> , 2018, 14, e1006218.	1.5	10
7	Chemotactic responses of growing neurites to precisely controlled gradients of nerve growth factor. <i>Scientific Data</i> , 2018, 5, 180183.	2.4	8