

# Douglas A Nitz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4001813/publications.pdf>

Version: 2024-02-01

25  
papers

1,269  
citations

567281

15  
h-index

610901

24  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial coding defects of hippocampal neural ensemble calcium activities in the triple-transgenic Alzheimer's disease mouse model. <i>Neurobiology of Disease</i> , 2022, 162, 105562.	4.4	12
2	Cortical and hippocampal dynamics under logical fragmentation of environmental space. <i>Neurobiology of Learning and Memory</i> , 2022, 189, 107597.	1.9	2
3	Adaptive integration of self-motion and goals in posterior parietal cortex. <i>Cell Reports</i> , 2022, 38, 110504.	6.4	17
4	Locomotor action sequences impact the scale of representation in hippocampus and posterior parietal cortex. <i>Hippocampus</i> , 2021, 31, 677-689.	1.9	5
5	Noncanonical projections to the hippocampal CA3 regulate spatial learning and memory by modulating the feedforward hippocampal trisynaptic pathway. <i>PLoS Biology</i> , 2021, 19, e3001127.	5.6	20
6	Cognitive Maps: Distortions of the Hippocampal Space Map Define Neighborhoods. <i>Current Biology</i> , 2020, 30, R340-R342.	3.9	2
7	Secondary Motor Cortex Transforms Spatial Information into Planned Action during Navigation. <i>Current Biology</i> , 2020, 30, 1845-1854.e4.	3.9	22
8	CA1-projecting subiculum neurons facilitate objectâ€“place learning. <i>Nature Neuroscience</i> , 2019, 22, 1857-1870.	14.8	66
9	Multiplexed oscillations and phase rate coding in the basal forebrain. <i>Science Advances</i> , 2018, 4, eaar3230.	10.3	28
10	Conjunctive coding in an evolved spiking model of retrosplenial cortex.. <i>Behavioral Neuroscience</i> , 2018, 132, 430-452.	1.2	9
11	Opposing and Complementary Topographic Connectivity Gradients Revealed by Quantitative Analysis of Canonical and Noncanonical Hippocampal CA1 Inputs. <i>ENeuro</i> , 2018, 5, ENEURO.0322-17.2018.	1.9	17
12	Spatially Periodic Activation Patterns of Retrosplenial Cortex Encode Route Sub-spaces and Distance Traveled. <i>Current Biology</i> , 2017, 27, 1551-1560.e4.	3.9	113
13	Subiculum neurons map the current axis of travel. <i>Nature Neuroscience</i> , 2017, 20, 170-172.	14.8	69
14	A place for motion in mapping. <i>Nature Neuroscience</i> , 2015, 18, 6-7.	14.8	6
15	Retrosplenial cortex maps the conjunction of internal and external spaces. <i>Nature Neuroscience</i> , 2015, 18, 1143-1151.	14.8	245
16	Cell Assemblies of the Basal Forebrain. <i>Journal of Neuroscience</i> , 2015, 35, 2992-3000.	3.6	28
17	Task-phase-specific dynamics of basal forebrain neuronal ensembles. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 174.	2.5	25
18	Repeating Firing Fields of CA1 Neurons Shift Forward in Response to Increasing Angular Velocity. <i>Journal of Neuroscience</i> , 2014, 34, 232-241.	3.6	13

#	ARTICLE	IF	CITATIONS
19	The Posterior Parietal Cortex: Interface Between Maps of External Spaces and the Generation of Action Sequences. , 2014, , 27-54.		4
20	Spaces within spaces: rat parietal cortex neurons register position across three reference frames. Nature Neuroscience, 2012, 15, 1365-1367.	14.8	99
21	Anterior cingulate neurons in the rat map anticipated effort and reward to their associated action sequences. Journal of Neurophysiology, 2012, 107, 2393-2407.	1.8	95
22	Path shape impacts the extent of CA1 pattern recurrence both within and across environments. Journal of Neurophysiology, 2011, 105, 1815-1824.	1.8	61
23	Parietal cortex, navigation, and the construction of arbitrary reference frames for spatial information. Neurobiology of Learning and Memory, 2009, 91, 179-185.	1.9	73
24	Adaptation of Prefrontal Cortical Firing Patterns and Their Fidelity to Changes in Action-Reward Contingencies. Journal of Neuroscience, 2007, 27, 3548-3559.	3.6	47
25	Tracking Route Progression in the Posterior Parietal Cortex. Neuron, 2006, 49, 747-756.	8.1	186