

# Andrej Bicanski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8787286/publications.pdf>

Version: 2024-02-01

11  
papers

606  
citations

932766

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1281420

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g-index

12  
all docs

12  
docs citations

12  
times ranked

511  
citing authors

#	ARTICLE	IF	CITATIONS
1	A model of head direction and landmark coding in complex environments. PLoS Computational Biology, 2021, 17, e1009434.	1.5	14
2	Navigating with grid and place cells in cluttered environments. Hippocampus, 2020, 30, 220-232.	0.9	43
3	Neuronal vector coding in spatial cognition. Nature Reviews Neuroscience, 2020, 21, 453-470.	4.9	93
4	A Computational Model of Visual Recognition Memory via Grid Cells. Current Biology, 2019, 29, 979-990.e4.	1.8	39
5	A neural-level model of spatial memory and imagery. ELife, 2018, 7, .	2.8	138
6	Environmental Anchoring of Head Direction in a Computational Model of Retrosplenial Cortex. Journal of Neuroscience, 2016, 36, 11601-11618.	1.7	62
7	How environment and self-motion combine in neural representations of space. Journal of Physiology, 2016, 594, 6535-6546.	1.3	43
8	Decoding the mechanisms of gait generation in salamanders by combining neurobiology, modeling and robotics. Biological Cybernetics, 2013, 107, 545-564.	0.6	35
9	A Salamander's Flexible Spinal Network for Locomotion, Modeled at Two Levels of Abstraction. Integrative and Comparative Biology, 2013, 53, 269-282.	0.9	35
10	From lamprey to salamander: an exploratory modeling study on the architecture of the spinal locomotor networks in the salamander. Biological Cybernetics, 2013, 107, 565-587.	0.6	38
11	Sensory feedback plays a significant role in generating walking gait and in gait transition in salamanders: a simulation study. Frontiers in Neurobotics, 2011, 5, 3.	1.6	63