

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

10
h-index

1281420

11
g-index

12
all docs

12
docs citations

12
times ranked

511
citing authors

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