

Kristin Branson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5061056/publications.pdf>

Version: 2024-02-01

22
papers

3,992
citations

471509

17
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

4973
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Video Monitoring of Unmarked and Marked Honey Bees at the Hive Entrance. <i>Frontiers in Computer Science</i> , 2022, 3, .	2.8	3
2	Cortical pattern generation during dexterous movement is input-driven. <i>Nature</i> , 2020, 577, 386-391.	27.8	196
3	Computational Neuroethology: A Call to Action. <i>Neuron</i> , 2019, 104, 11-24.	8.1	271
4	An automatic behavior recognition system classifies animal behaviors using movements and their temporal context. <i>Journal of Neuroscience Methods</i> , 2019, 326, 108352.	2.5	24
5	State-dependent decoupling of sensory and motor circuits underlies behavioral flexibility in <i>Drosophila</i> . <i>Nature Neuroscience</i> , 2019, 22, 1132-1139.	14.8	72
6	A deep (learning) dive into a cell. <i>Nature Methods</i> , 2018, 15, 253-254.	19.0	4
7	In Toto Imaging and Reconstruction of Post-Implantation Mouse Development at the Single-Cell Level. <i>Cell</i> , 2018, 175, 859-876.e33.	28.9	348
8	Machine vision methods for analyzing social interactions. <i>Journal of Experimental Biology</i> , 2017, 220, 25-34.	1.7	125
9	Moonwalker Descending Neurons Mediate Visually Evoked Retreat in <i>Drosophila</i> . <i>Current Biology</i> , 2017, 27, 766-771.	3.9	62
10	Mapping the Neural Substrates of Behavior. <i>Cell</i> , 2017, 170, 393-406.e28.	28.9	196
11	Computational Analysis of Behavior. <i>Annual Review of Neuroscience</i> , 2016, 39, 217-236.	10.7	161
12	Understanding classifier errors by examining influential neighbors. , 2015, , .		13
13	Imaging the Neural Basis of Locomotion. <i>Cell</i> , 2015, 163, 541-542.	28.9	2
14	Cortex commands the performance of skilled movement. <i>ELife</i> , 2015, 4, e10774.	6.0	207
15	Distinguishing seemingly indistinguishable animals with computer vision. <i>Nature Methods</i> , 2014, 11, 721-722.	19.0	12
16	Fast, accurate reconstruction of cell lineages from large-scale fluorescence microscopy data. <i>Nature Methods</i> , 2014, 11, 951-958.	19.0	253
17	Behavioral Variability through Stochastic Choice and Its Gating by Anterior Cingulate Cortex. <i>Cell</i> , 2014, 159, 21-32.	28.9	226
18	Automated image-based tracking and its application in ecology. <i>Trends in Ecology and Evolution</i> , 2014, 29, 417-428.	8.7	407

#	ARTICLE	IF	CITATIONS
19	JAABA: interactive machine learning for automatic annotation of animal behavior. <i>Nature Methods</i> , 2013, 10, 64-67.	19.0	491
20	A Simple Strategy for Detecting Moving Objects during Locomotion Revealed by Animal-Robot Interactions. <i>Current Biology</i> , 2012, 22, 1344-1350.	3.9	49
21	Multi-camera real-time three-dimensional tracking of multiple flying animals. <i>Journal of the Royal Society Interface</i> , 2011, 8, 395-409.	3.4	178
22	High-throughput ethomics in large groups of <i>Drosophila</i> . <i>Nature Methods</i> , 2009, 6, 451-457.	19.0	690