

# Carsen Stringer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6811716/publications.pdf>

Version: 2024-02-01

11  
papers

4,148  
citations

933447

10  
h-index

1372567

10  
g-index

21  
all docs

21  
docs citations

21  
times ranked

4398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellpose: a generalist algorithm for cellular segmentation. Nature Methods, 2021, 18, 100-106.	19.0	1,375
2	Spontaneous behaviors drive multidimensional, brainwide activity. Science, 2019, 364, 255.	12.6	1,013
3	High-dimensional geometry of population responses in visual cortex. Nature, 2019, 571, 361-365.	27.8	370
4	Robustness of Spike Deconvolution for Neuronal Calcium Imaging. Journal of Neuroscience, 2018, 38, 7976-7985.	3.6	143
5	High-precision coding in visual cortex. Cell, 2021, 184, 2767-2778.e15.	28.9	91
6	Computational processing of neural recordings from calcium imaging data. Current Opinion in Neurobiology, 2019, 55, 22-31.	4.2	86
7	Inhibitory control of correlated intrinsic variability in cortical networks. ELife, 2016, 5, .	6.0	83
8	Simultaneous Computation of Dynamical and Equilibrium Information Using a Weighted Ensemble of Trajectories. Journal of Chemical Theory and Computation, 2014, 10, 2658-2667.	5.3	81
9	The Importance of Accounting for Movement When Relating Neuronal Activity to Sensory and Cognitive Processes. Journal of Neuroscience, 2022, 42, 1375-1382.	3.6	42
10	Neuromatch Academy: Teaching Computational Neuroscience with Global Accessibility. Trends in Cognitive Sciences, 2021, 25, 535-538.	7.8	14
11	Neuromatch Academy: a 3-week, online summer school in computational neuroscience. The Journal of Open Source Education, 2022, 5, 118.	0.4	0