

# Jonathon Shlens

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11280270/publications.pdf>

Version: 2024-02-01

17  
papers

3,127  
citations

516710

16  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2332  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatio-temporal correlations and visual signalling in a complete neuronal population. <i>Nature</i> , 2008, 454, 995-999.	27.8	1,128
2	The Structure of Multi-Neuron Firing Patterns in Primate Retina. <i>Journal of Neuroscience</i> , 2006, 26, 8254-8266.	3.6	408
3	Functional connectivity in the retina at the resolution of photoreceptors. <i>Nature</i> , 2010, 467, 673-677.	27.8	307
4	Spatial Properties and Functional Organization of Small Bistratified Ganglion Cells in Primate Retina. <i>Journal of Neuroscience</i> , 2007, 27, 13261-13272.	3.6	189
5	Identification and Characterization of a Y-Like Primate Retinal Ganglion Cell Type. <i>Journal of Neuroscience</i> , 2007, 27, 11019-11027.	3.6	145
6	The Structure of Large-Scale Synchronized Firing in Primate Retina. <i>Journal of Neuroscience</i> , 2009, 29, 5022-5031.	3.6	118
7	Receptive Fields in Primate Retina Are Coordinated to Sample Visual Space More Uniformly. <i>PLoS Biology</i> , 2009, 7, e1000063.	5.6	112
8	A Model-Based Spike Sorting Algorithm for Removing Correlation Artifacts in Multi-Neuron Recordings. <i>PLoS ONE</i> , 2013, 8, e62123.	2.5	112
9	High-sensitivity rod photoreceptor input to the blue-yellow color opponent pathway in macaque retina. <i>Nature Neuroscience</i> , 2009, 12, 1159-1164.	14.8	103
10	Estimating Entropy Rates with Bayesian Confidence Intervals. <i>Neural Computation</i> , 2005, 17, 1531-1576.	2.2	94
11	Efficient Coding of Spatial Information in the Primate Retina. <i>Journal of Neuroscience</i> , 2012, 32, 16256-16264.	3.6	94
12	Modeling the impact of common noise inputs on the network activity of retinal ganglion cells. <i>Journal of Computational Neuroscience</i> , 2012, 33, 97-121.	1.0	94
13	Synchronized firing in the retina. <i>Current Opinion in Neurobiology</i> , 2008, 18, 396-402.	4.2	68
14	Correlated firing among major ganglion cell types in primate retina. <i>Journal of Physiology</i> , 2011, 589, 75-86.	2.9	65
15	Uniform Signal Redundancy of Parasol and Midget Ganglion Cells in Primate Retina. <i>Journal of Neuroscience</i> , 2009, 29, 4675-4680.	3.6	45
16	Estimating Information Rates with Confidence Intervals in Neural Spike Trains. <i>Neural Computation</i> , 2007, 19, 1683-1719.	2.2	34
17	Individual variability of neural computations in the primate retina. <i>Neuron</i> , 2022, 110, 698-708.e5.	8.1	5