

# Talley J Lambert

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3548971/publications.pdf>

Version: 2024-02-01

20  
papers

1,899  
citations

471371

17  
h-index

794469

19  
g-index

33  
all docs

33  
docs citations

33  
times ranked

3352  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Rapid image deconvolution and multiview fusion for optical microscopy. <i>Nature Biotechnology</i> , 2020, 38, 1337-1346.   | 9.4 | 105       |
| 2  | Leptin stimulates synaptogenesis in hippocampal neurons via KLF4 and SOCS3 inhibition of STAT3 signaling. <i>Molecular and Cellular Neurosciences</i> , 2020, 106, 103500.  | 1.0 | 17        |
| 3  | Aequoreaâ€™s secrets revealed: New fluorescent proteins with unique properties for bioimaging and biosensing. <i>PLoS Biology</i> , 2020, 18, e3000936.   | 2.6 | 40        |
| 4  | LDAF1 and Seipin Form a Lipid Droplet Assembly Complex. <i>Developmental Cell</i> , 2019, 51, 551-563.e7.   | 3.1 | 152       |
| 5  | FPbase: a community-editable fluorescent protein database. <i>Nature Methods</i> , 2019, 16, 277-278.   | 9.0 | 329       |
| 6  | Navigating challenges in the application of superresolution microscopy. <i>Journal of Cell Biology</i> , 2017, 216, 53-63.  | 2.3 | 79        |
| 7  | Superresolution microscopy of the Î²-carboxysome reveals a homogeneous matrix. <i>Molecular Biology of the Cell</i> , 2017, 28, 2734-2745.  | 0.9 | 14        |
| 8  | Direction of actin flow dictates integrin LFA-1 orientation during leukocyte migration. <i>Nature Communications</i> , 2017, 8, 2047.   | 5.8 | 83        |
| 9  | Multifocus structured illumination microscopy for fast volumetric super-resolution imaging. <i>Biomedical Optics Express</i> , 2017, 8, 4135.   | 1.5 | 42        |
| 10 | Polo-like kinase-dependent phosphorylation of the synaptonemal complex protein SYP-4 regulates double-strand break formation through a negative feedback loop. <i>ELife</i> , 2017, 6, .  | 2.8 | 76        |
| 11 | Leptin-Induced Spine Formation Requires TrpC Channels and the CaM Kinase Cascade in the Hippocampus. <i>Journal of Neuroscience</i> , 2014, 34, 10022-10033.  | 1.7 | 61        |
| 12 | Assessing camera performance for quantitative microscopy. <i>Methods in Cell Biology</i> , 2014, 123, 35-53.  | 0.5 | 31        |
| 13 | Leptin Induces Hippocampal Synaptogenesis via CREB-Regulated MicroRNA-132 Suppression of p250GAP. <i>Molecular Endocrinology</i> , 2014, 28, 1073-1087.   | 3.7 | 74        |
| 14 | Choosing a Fluorescence Microscopy Imaging Modality for Live Quantitative Experiments. <i>Microscopy and Microanalysis</i> , 2014, 20, 2122-2123.   | 0.2 | 0         |
| 15 | A Genome-Wide Screen of CREB Occupancy Identifies the RhoA Inhibitors Par6C and Rnd3 as Regulators of BDNF-Induced Synaptogenesis. <i>PLoS ONE</i> , 2013, 8, e64658.   | 1.1 | 57        |
| 16 | Neuronal activity rapidly induces transcription of the CREB-regulated microRNA-132, in vivo. <i>Hippocampus</i> , 2010, 20, 492-498.  | 0.9 | 260       |
| 17 | MicroRNA132 Modulates Short-Term Synaptic Plasticity but Not Basal Release Probability in Hippocampal Neurons. <i>PLoS ONE</i> , 2010, 5, e15182.   | 1.1 | 73        |
| 18 | Amyloid precursor protein overexpression depresses excitatory transmission through both presynaptic and postsynaptic mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 353-358. | 3.3 | 119       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Age-dependent effects of environmental enrichment on spatial reference memory in male mice. Behavioural Brain Research, 2007, 185, 43-48.  | 1.2 | 96        |
| 20 | Different types of environmental enrichment have discrepant effects on spatial memory and synaptophysin levels in female mice. Neurobiology of Learning and Memory, 2005, 83, 206-216. | 1.0 | 155       |