

# Andrew C Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/627389/publications.pdf>

Version: 2024-02-01

21  
papers

1,824  
citations

567281

15  
h-index

713466

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetrical $\beta$ -actin mRNA translation in growth cones mediates attractive turning to netrin-1. <i>Nature Neuroscience</i> , 2006, 9, 1247-1256.	14.8	443
2	Sparse, decorrelated odor coding in the mushroom body enhances learned odor discrimination. <i>Nature Neuroscience</i> , 2014, 17, 559-568.	14.8	268
3	Local translation and directional steering in axons. <i>EMBO Journal</i> , 2007, 26, 3729-3736.	7.8	169
4	A functional equivalent of endoplasmic reticulum and Golgi in axons for secretion of locally synthesized proteins. <i>Molecular and Cellular Neurosciences</i> , 2009, 40, 128-142.	2.2	148
5	Sexually Dimorphic Octopaminergic Neurons Modulate Female Postmating Behaviors in <i>Drosophila</i> . <i>Current Biology</i> , 2014, 24, 725-730.	3.9	135
6	Function and regulation of local axonal translation. <i>Current Opinion in Neurobiology</i> , 2008, 18, 60-68.	4.2	131
7	Odor Discrimination in <i>Drosophila</i> : From Neural Population Codes to Behavior. <i>Neuron</i> , 2013, 79, 932-944.	8.1	118
8	Different Kenyon Cell Populations Drive Learned Approach and Avoidance in <i>Drosophila</i> . <i>Neuron</i> , 2013, 79, 945-956.	8.1	104
9	Neural circuitry coordinating male copulation. <i>ELife</i> , 2016, 5, .	6.0	50
10	Cytoplasmic polyadenylation and cytoplasmic polyadenylation element-dependent mRNA regulation are involved in <i>Xenopus</i> retinal axon development. <i>Neural Development</i> , 2009, 4, 8.	2.4	47
11	Neuronal mechanisms underlying innate and learned olfactory processing in <i>Drosophila</i> . <i>Current Opinion in Insect Science</i> , 2019, 36, 9-17.	4.4	41
12	Inhibitory muscarinic acetylcholine receptors enhance aversive olfactory learning in adult <i>Drosophila</i> . <i>ELife</i> , 2019, 8, .	6.0	36
13	Diffraction Pattern Analysis of Bright TRACE Flares. <i>Solar Physics</i> , 2001, 198, 385-398.	2.5	32
14	Localized inhibition in the <i>Drosophila</i> mushroom body. <i>ELife</i> , 2020, 9, .	6.0	29
15	Exploiting Multiple Timescales in Hierarchical Echo State Networks. <i>Frontiers in Applied Mathematics and Statistics</i> , 2021, 6, .	1.3	19
16	Mechanisms underlying homeostatic plasticity in the <i>Drosophila</i> mushroom body in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16606-16615.	7.1	12
17	Multiple network properties overcome random connectivity to enable stereotypic sensory responses. <i>Nature Communications</i> , 2020, 11, 1023.	12.8	12
18	SpaRCe: Improved Learning of Reservoir Computing Systems Through Sparse Representations. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 824-838.	11.3	11

#	ARTICLE	IF	CITATIONS
19	Compensatory variability in network parameters enhances memory performance in the <i>Drosophila</i> mushroom body. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
20	Outsourcing CREB translation to axons to survive. Nature Cell Biology, 2008, 10, 115-118.	10.3	6
21	How nitric oxide helps update memories. ELife, 2020, 9, .	6.0	1