

Andrew C Lin

List of Publications by Year in descending order

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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	SpaRCe: Improved Learning of Reservoir Computing Systems Through Sparse Representations. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 824-838.	11.3	11
2	Exploiting Multiple Timescales in Hierarchical Echo State Networks. Frontiers in Applied Mathematics and Statistics, 2021, 6, .	1.3	19
3	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
4	Mechanisms underlying homeostatic plasticity in the <i>Drosophila</i> mushroom body in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16606-16615.	7.1	12
5	Multiple network properties overcome random connectivity to enable stereotypic sensory responses. Nature Communications, 2020, 11, 1023.	12.8	12
6	Localized inhibition in the <i>Drosophila</i> mushroom body. ELife, 2020, 9, .	6.0	29
7	How nitric oxide helps update memories. ELife, 2020, 9, .	6.0	1
8	Neuronal mechanisms underlying innate and learned olfactory processing in <i>Drosophila</i> . Current Opinion in Insect Science, 2019, 36, 9-17.	4.4	41
9	Inhibitory muscarinic acetylcholine receptors enhance aversive olfactory learning in adult <i>Drosophila</i> . ELife, 2019, 8, .	6.0	36
10	Neural circuitry coordinating male copulation. ELife, 2016, 5, .	6.0	50
11	Sexually Dimorphic Octopaminergic Neurons Modulate Female Postmating Behaviors in <i>Drosophila</i> . Current Biology, 2014, 24, 725-730.	3.9	135
12	Sparse, decorrelated odor coding in the mushroom body enhances learned odor discrimination. Nature Neuroscience, 2014, 17, 559-568.	14.8	268
13	Odor Discrimination in <i>Drosophila</i> : From Neural Population Codes to Behavior. Neuron, 2013, 79, 932-944.	8.1	118
14	Different Kenyon Cell Populations Drive Learned Approach and Avoidance in <i>Drosophila</i> . Neuron, 2013, 79, 945-956.	8.1	104
15	Cytoplasmic polyadenylation and cytoplasmic polyadenylation element-dependent mRNA regulation are involved in <i>Xenopus</i> retinal axon development. Neural Development, 2009, 4, 8.	2.4	47
16	A functional equivalent of endoplasmic reticulum and Golgi in axons for secretion of locally synthesized proteins. Molecular and Cellular Neurosciences, 2009, 40, 128-142.	2.2	148
17	Outsourcing CREB translation to axons to survive. Nature Cell Biology, 2008, 10, 115-118.	10.3	6
18	Function and regulation of local axonal translation. Current Opinion in Neurobiology, 2008, 18, 60-68.	4.2	131

#	ARTICLE	IF	CITATIONS
19	Local translation and directional steering in axons. EMBO Journal, 2007, 26, 3729-3736.	7.8	169
20	Asymmetrical β -actin mRNA translation in growth cones mediates attractive turning to netrin-1. Nature Neuroscience, 2006, 9, 1247-1256.	14.8	443
21	Diffraction Pattern Analysis of Bright TRACE Flares. Solar Physics, 2001, 198, 385-398.	2.5	32