Cory T Miller

List of Publications by Year
in descending order

43 papers	2,804 citations	218677 26 h-index	276875 41 g-index
46 all docs	46 docs citations	46 times ranked	2205 citing authors

#	Article	IF	Citations
1	Behavioral context affects social signal representations within single primate prefrontal cortex neurons. Neuron, 2022, 110, 1318-1326.e4.	8.1	25
2	Natural behavior is the language of the brain. Current Biology, 2022, 32, R482-R493.	3.9	53
3	Engineered AAVs for non-invasive gene delivery to rodent and non-human primate nervous systems. Neuron, 2022, 110, 2242-2257.e6.	8.1	55
4	Active vision during prey capture in wild marmoset monkeys. Current Biology, 2022, 32, 3423-3428.e3.	3.9	17
5	Current practices in nutrition management and disease incidence of common marmosets (Callithrix jacchus). Journal of Medical Primatology, 2021, 50, 164-175.	0.6	8
6	A Modular Approach to Vocal Learning: Disentangling the Diversity of a Complex Behavioral Trait. Neuron, 2019, 104, 87-99.	8.1	47
7	Comparative Principles for Next-Generation Neuroscience. Frontiers in Behavioral Neuroscience, 2019, 13, 12.	2.0	18
8	Spatial encoding in primate hippocampus during free navigation. PLoS Biology, 2019, 17, e3000546.	5.6	65
9	Recognition Memory in Marmoset and Macaque Monkeys: A Comparison of Active Vision. Journal of Cognitive Neuroscience, 2019, 31, 1318-1328.	2.3	17
10	The role of extragroup encounters in a Neotropical, cooperative breeding primate, the common marmoset: a field playback experiment. Animal Behaviour, 2018, 136, 137-146.	1.9	17
11	Sub-<inline-formula> <tex-math notation="LaTeX">mu </tex-math> </inline-formula>V_{rms}-Noise Sub-<inline-formula> <tex-math notation="LaTeX">mu </tex-math> </inline-formula>W/Channel ADC-Direct Neural Recording With 200-mV/ms Transient Recovery Through Predictive Digital Autoranging. IEEE Journal of Solid-State Circuits, 2018, 53, 3101-3110.	5.4	65
12	Audience affects decision-making in a marmoset communication network. Biology Letters, 2017, 13, 20160934.	2.3	20
13	Functional magnetic resonance imaging of auditory cortical fields in awake marmosets. NeuroImage, 2017, 162, 86-92.	4.2	21
14	Why marmosets?. Developmental Neurobiology, 2017, 77, 237-243.	3.0	25
15	Social Context-Dependent Activity in Marmoset Frontal Cortex Populations during Natural Conversations. Journal of Neuroscience, 2017, 37, 7036-7047.	3.6	51
16	Marmoset vocal communication: Behavior and neurobiology. Developmental Neurobiology, 2017, 77, 286-299.	3.0	76
17	A computational framework for effective isolation of single-unit activity from in-vivo electrophysiological recording. , 2017, , .		1
18	Optogenetic manipulation of neural circuits in awake marmosets. Journal of Neurophysiology, 2016, 116, 1286-1294.	1.8	50

#	Article	IF	Citations
19	Marmosets: A Neuroscientific Model of Human Social Behavior. Neuron, 2016, 90, 219-233.	8.1	260
20	Signaler and Receiver Psychology. Animal Signals and Communication, 2016, , 1-16.	0.8	3
21	Decisions to Communicate in Primate Ecological and Social Landscapes. Animal Signals and Communication, 2016, , 271-284.	0.8	2
22	Motion dependence of smooth pursuit eye movements in the marmoset. Journal of Neurophysiology, 2015, 113, 3954-3960.	1.8	44
23	Vocal turn-taking in a non-human primate is learned during ontogeny. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150069.	2.6	88
24	Brains, Genes, and Primates. Neuron, 2015, 86, 617-631.	8.1	231
25	Responses of primate frontal cortex neurons during natural vocal communication. Journal of Neurophysiology, 2015, 114, 1158-1171.	1.8	76
26	Active Vision in Marmosets: A Model System for Visual Neuroscience. Journal of Neuroscience, 2014, 34, 1183-1194.	3.6	153
27	The effect of habitat acoustics on common marmoset vocal signal transmission. American Journal of Primatology, 2013, 75, 904-916.	1.7	21
28	Individual recognition during bouts of antiphonal calling in common marmosets. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2012, 198, 337-346.	1.6	56
29	Receiver psychology turns 20: is it time for a broader approach?. Animal Behaviour, 2012, 83, 331-343.	1.9	77
30	Vocal control by the common marmoset in the presence of interfering noise. Journal of Experimental Biology, 2011, 214, 3619-3629.	1.7	115
31	The communicative content of the common marmoset phee call during antiphonal calling. American Journal of Primatology, 2010, 72, 974-980.	1.7	77
32	Vocalization Induced CFos Expression in Marmoset Cortex. Frontiers in Integrative Neuroscience, 2010, 4, 128.	2.1	39
33	Vocalizations as Auditory Objects: Behavior and Neurophysiology. , 2010, , 237-255.		14
34	Motor planning for vocal production in common marmosets. Animal Behaviour, 2009, 78, 1195-1203.	1.9	57
35	Antiphonal call timing in marmosets is behaviorally significant: interactive playback experiments. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2009, 195, 783-789.	1.6	63
36	Sensory-motor interactions modulate a primate vocal behavior: antiphonal calling in common marmosets. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2006, 192, 27-38.	1.6	94

#	Article	IF	Citations
37	Processing vocal signals for recognition during antiphonal calling in tamarins. Animal Behaviour, 2005, 69, 1387-1398.	1.9	24
38	Sensory biases underlie sex differences in tamarin long call structure. Animal Behaviour, 2004, 68, 713-720.	1.9	27
39	Interruptibility of long call production in tamarins: implications for vocal control. Journal of Experimental Biology, 2003, 206, 2629-2639.	1.7	39
40	The units of perception in the antiphonal calling behavior of cotton-top tamarins (Saguinus oedipus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Neural, and Behavioral Physiology, 2001, 187, 27-35.	1.6	61
41	Amodal completion of acoustic signals by a nonhuman primate. Nature Neuroscience, 2001, 4, 783-784.	14.8	86
42	Selective Phonotaxis by Cotton-Top Tamarins (Saguinus Oedipus). Behaviour, 2001, 138, 811-826.	0.8	25
43	Language Discrimination by Human Newborns and by Cotton-Top Tamarin Monkeys. Science, 2000, 288, 349-351.	12.6	434