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	Language Discrimination by Human Newborns and by Cotton-Top Tamarin Monkeys. Science, 2000, 288, 349-351.	12.6	434
2	Marmosets: A Neuroscientific Model of Human Social Behavior. Neuron, 2016, 90, 219-233.	8.1	260
3	Brains, Genes, and Primates. Neuron, 2015, 86, 617-631.	8.1	231
4	Active Vision in Marmosets: A Model System for Visual Neuroscience. Journal of Neuroscience, 2014, 34, 1183-1194.	3.6	153
5	Vocal control by the common marmoset in the presence of interfering noise. Journal of Experimental Biology, 2011, 214, 3619-3629.	1.7	115
6	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
7	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
8	Amodal completion of acoustic signals by a nonhuman primate. Nature Neuroscience, 2001, 4, 783-784.	14.8	86
9	The communicative content of the common marmoset phee call during antiphonal calling. American Journal of Primatology, 2010, 72, 974-980.	1.7	77
10	Receiver psychology turns 20: is it time for a broader approach?. Animal Behaviour, 2012, 83, 331-343.	1.9	77
11	Responses of primate frontal cortex neurons during natural vocal communication. Journal of Neurophysiology, 2015, 114, 1158-1171.	1.8	76
12	Marmoset vocal communication: Behavior and neurobiology. Developmental Neurobiology, 2017, 77, 286-299.	3.0	76
13	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
14	Spatial encoding in primate hippocampus during free navigation. PLoS Biology, 2019, 17, e3000546.	5.6	65
15	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
16	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
17	Motor planning for vocal production in common marmosets. Animal Behaviour, 2009, 78, 1195-1203.	1.9	57
18	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

#	Article	IF	Citations
19	Engineered AAVs for non-invasive gene delivery to rodent and non-human primate nervous systems. Neuron, 2022, 110, 2242-2257.e6.	8.1	55
20	Natural behavior is the language of the brain. Current Biology, 2022, 32, R482-R493.	3.9	53
21	Social Context-Dependent Activity in Marmoset Frontal Cortex Populations during Natural Conversations. Journal of Neuroscience, 2017, 37, 7036-7047.	3.6	51
22	Optogenetic manipulation of neural circuits in awake marmosets. Journal of Neurophysiology, 2016, 116, 1286-1294.	1.8	50
23	A Modular Approach to Vocal Learning: Disentangling the Diversity of a Complex Behavioral Trait. Neuron, 2019, 104, 87-99.	8.1	47
24	Motion dependence of smooth pursuit eye movements in the marmoset. Journal of Neurophysiology, 2015, 113, 3954-3960.	1.8	44
25	Interruptibility of long call production in tamarins: implications for vocal control. Journal of Experimental Biology, 2003, 206, 2629-2639.	1.7	39
26	Vocalization Induced CFos Expression in Marmoset Cortex. Frontiers in Integrative Neuroscience, 2010, 4, 128.	2.1	39
27	Sensory biases underlie sex differences in tamarin long call structure. Animal Behaviour, 2004, 68, 713-720.	1.9	27
28	Selective Phonotaxis by Cotton-Top Tamarins (Saguinus Oedipus). Behaviour, 2001, 138, 811-826.	0.8	25
29	Why marmosets?. Developmental Neurobiology, 2017, 77, 237-243.	3.0	25
30	Behavioral context affects social signal representations within single primate prefrontal cortex neurons. Neuron, 2022, 110, 1318-1326.e4.	8.1	25
31	Processing vocal signals for recognition during antiphonal calling in tamarins. Animal Behaviour, 2005, 69, 1387-1398.	1.9	24
32	The effect of habitat acoustics on common marmoset vocal signal transmission. American Journal of Primatology, 2013, 75, 904-916.	1.7	21
33	Functional magnetic resonance imaging of auditory cortical fields in awake marmosets. NeuroImage, 2017, 162, 86-92.	4.2	21
34	Audience affects decision-making in a marmoset communication network. Biology Letters, 2017, 13, 20160934.	2.3	20
35	Comparative Principles for Next-Generation Neuroscience. Frontiers in Behavioral Neuroscience, 2019, 13, 12.	2.0	18
36	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

#	Article	IF	Citations
37	Recognition Memory in Marmoset and Macaque Monkeys: A Comparison of Active Vision. Journal of Cognitive Neuroscience, 2019, 31, 1318-1328.	2.3	17
38	Active vision during prey capture in wild marmoset monkeys. Current Biology, 2022, 32, 3423-3428.e3.	3.9	17
39	Vocalizations as Auditory Objects: Behavior and Neurophysiology. , 2010, , 237-255.		14
40	Current practices in nutrition management and disease incidence of common marmosets (Callithrix jacchus). Journal of Medical Primatology, 2021, 50, 164-175.	0.6	8
41	Signaler and Receiver Psychology. Animal Signals and Communication, 2016, , 1-16.	0.8	3
42	Decisions to Communicate in Primate Ecological and Social Landscapes. Animal Signals and Communication, 2016, , 271-284.	0.8	2
43	A computational framework for effective isolation of single-unit activity from in-vivo electrophysiological recording. , 2017, , .		1