Colline Poirier

List of Publications by Year
in descending order

37 papers	1,592 citations	331670 21 h-index	330143 37 g-index
38 all docs	38 docs citations	38 times ranked	1983 citing authors

#	Article	IF	Citations
1	Toward next-generation primate neuroscience: A collaboration-based strategic plan for integrative neuroimaging. Neuron, 2022, 110, 16-20.	8.1	22
2	The role of MRI in applying the 3Rs to non-human primate neuroscience. NeuroImage, 2021, 225, 117521.	4.2	7
3	Using non-invasive neuroimaging to enhance the care, well-being and experimental outcomes of laboratory non-human primates (monkeys). NeuroImage, 2021, 228, 117667.	4.2	13
4	Beyond MRI: on the scientific value of combining non-human primate neuroimaging with metadata. NeuroImage, 2021, 228, 117679.	4.2	7
5	International primate neuroscience research regulation, public engagement and transparency opportunities. NeuroImage, 2021, 229, 117700.	4.2	17
6	Strengths and challenges of longitudinal non-human primate neuroimaging. NeuroImage, 2021, 236, 118009.	4.2	12
7	Accelerating the Evolution of Nonhuman Primate Neuroimaging. Neuron, 2020, 105, 600-603.	8.1	92
8	Can biomarkers of biological age be used to assess cumulative lifetime experience?. Animal Welfare, 2019, 28, 41-56.	0.7	25
9	Pacing behaviour in laboratory macaques is an unreliable indicator of acute stress. Scientific Reports, 2019, 9, 7476.	3.3	4
10	Validation of hippocampal biomarkers of cumulative affective experience. Neuroscience and Biobehavioral Reviews, 2019, 101, 113-121.	6.1	18
11	An Open Resource for Non-human Primate Imaging. Neuron, 2018, 100, 61-74.e2.	8.1	190
12	Pacing stereotypies in laboratory rhesus macaques: Implications for animal welfare and the validity of neuroscientific findings. Neuroscience and Biobehavioral Reviews, 2017, 83, 508-515.	6.1	28
13	Auditory motion-specific mechanisms in the primate brain. PLoS Biology, 2017, 15, e2001379.	5.6	31
14	A perceptual pitch boundary in a non-human primate. Frontiers in Psychology, 2014, 5, 998.	2.1	8
15	Comparisons of different methods to train a young zebra finch (Taeniopygia guttata) to learn a song. Journal of Physiology (Paris), 2013, 107, 210-218.	2.1	69
16	Functional Magnetic Resonance Imaging (fMRI) with Auditory Stimulation in Songbirds. Journal of Visualized Experiments, 2013, , .	0.3	3
17	Representation of Early Sensory Experience in the Adult Auditory Midbrain: Implications for Vocal Learning. PLoS ONE, 2013, 8, e61764.	2.5	17
18	Functional changes between seasons in the male songbird auditory forebrain. Frontiers in Behavioral Neuroscience, 2013, 7, 196.	2.0	29

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19	Own Song Selectivity in the Songbird Auditory Pathway: Suppression by Norepinephrine. PLoS ONE, 2011, 6, e20131.	2.5	22
20	Spin Echo BOLD fMRI on Songbirds. Methods in Molecular Biology, 2011, 771, 569-576.	0.9	9
21	Implementation of spinâ€echo blood oxygen levelâ€dependent (BOLD) functional MRI in birds. NMR in Biomedicine, 2010, 23, 1027-1032.	2.8	21
22	Structural Changes between Seasons in the Songbird Auditory Forebrain. Journal of Neuroscience, 2009, 29, 13557-13565.	3.6	48
23	Own-Song Recognition in the Songbird Auditory Pathway: Selectivity and Lateralization. Journal of Neuroscience, 2009, 29, 2252-2258.	3.6	77
24	MRI in small brains displaying extensive plasticity. Trends in Neurosciences, 2009, 32, 257-266.	8.6	41
25	A three-dimensional MRI atlas of the zebra finch brain in stereotaxic coordinates. NeuroImage, 2008, 41, 1-6.	4.2	59
26	Time-course of Posterior Parietal and Occipital Cortex Contribution to Sound Localization. Journal of Cognitive Neuroscience, 2008, 20, 1454-1463.	2.3	25
27	Functional MRI of Auditory Responses in the Zebra Finch Forebrain Reveals a Hierarchical Organisation Based on Signal Strength but Not Selectivity. PLoS ONE, 2008, 3, e3184.	2.5	26
28	What neuroimaging tells us about sensory substitution. Neuroscience and Biobehavioral Reviews, 2007, 31, 1064-1070.	6.1	56
29	Neural representation of spectral and temporal features of song in the auditory forebrain of zebra finches as revealed by functional MRI. European Journal of Neuroscience, 2007, 26, 2613-2626.	2.6	46
30	Pattern recognition using a device substituting audition for vision in blindfolded sighted subjects. Neuropsychologia, 2007, 45, 1108-1121.	1.6	38
31	Auditory motion perception activates visual motion areas in early blind subjects. NeuroImage, 2006, 31, 279-285.	4.2	213
32	Neural changes in the ventral and dorsal visual streams during pattern recognition learning. Neurobiology of Learning and Memory, 2006, 85, 36-43.	1.9	22
33	Assessment of sensory substitution prosthesis potentialities in minimalist conditions of learning. Applied Cognitive Psychology, 2006, 20, 447-460.	1.6	11
34	Cross-modal activation of visual cortex during depth perception using auditory substitution of vision. NeuroImage, 2005, 26, 573-580.	4.2	82
35	Specific activation of the V5 brain area by auditory motion processing: An fMRI study. Cognitive Brain Research, 2005, 25, 650-658.	3.0	140
36	Auditory motion processing in early blind subjects. Cognitive Processing, 2004, 5, 254-256.	1.4	8

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37	Direct Social Contacts Override Auditory Information in the Song-Learning Process in Starlings (Sturnus vulgaris).. Journal of Comparative Psychology (Washington, D C: 1983), 2004, 118, 179-193.	0.5	56