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	Auditory motion perception activates visual motion areas in early blind subjects. NeuroImage, 2006, 31, 279-285.	4.2	213
2	An Open Resource for Non-human Primate Imaging. Neuron, 2018, 100, 61-74.e2.	8.1	190
3	Specific activation of the V5 brain area by auditory motion processing: An fMRI study. Cognitive Brain Research, 2005, 25, 650-658.	3.0	140
4	Accelerating the Evolution of Nonhuman Primate Neuroimaging. Neuron, 2020, 105, 600-603.	8.1	92
5	Cross-modal activation of visual cortex during depth perception using auditory substitution of vision. NeuroImage, 2005, 26, 573-580.	4.2	82
6	Own-Song Recognition in the Songbird Auditory Pathway: Selectivity and Lateralization. Journal of Neuroscience, 2009, 29, 2252-2258.	3.6	77
7	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
8	A three-dimensional MRI atlas of the zebra finch brain in stereotaxic coordinates. NeuroImage, 2008, 41, 1-6.	4.2	59
9	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
10	What neuroimaging tells us about sensory substitution. Neuroscience and Biobehavioral Reviews, 2007, 31, 1064-1070.	6.1	56
11	Structural Changes between Seasons in the Songbird Auditory Forebrain. Journal of Neuroscience, 2009, 29, 13557-13565.	3.6	48
12	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
13	MRI in small brains displaying extensive plasticity. Trends in Neurosciences, 2009, 32, 257-266.	8.6	41
14	Pattern recognition using a device substituting audition for vision in blindfolded sighted subjects. Neuropsychologia, 2007, 45, 1108-1121.	1.6	38
15	Auditory motion-specific mechanisms in the primate brain. PLoS Biology, 2017, 15, e2001379.	5.6	31
16	Functional changes between seasons in the male songbird auditory forebrain. Frontiers in Behavioral Neuroscience, 2013, 7, 196.	2.0	29
17	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
18	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

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19	Time-course of Posterior Parietal and Occipital Cortex Contribution to Sound Localization. Journal of Cognitive Neuroscience, 2008, 20, 1454-1463.	2.3	25
20	Can biomarkers of biological age be used to assess cumulative lifetime experience?. Animal Welfare, 2019, 28, 41-56.	0.7	25
21	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
22	Own Song Selectivity in the Songbird Auditory Pathway: Suppression by Norepinephrine. PLoS ONE, 2011, 6, e20131.	2.5	22
23	Toward next-generation primate neuroscience: A collaboration-based strategic plan for integrative neuroimaging. Neuron, 2022, 110, 16-20.	8.1	22
24	Implementation of spinâ€€echo blood oxygen levelâ€€dependent (BOLD) functional MRI in birds. NMR in Biomedicine, 2010, 23, 1027-1032.	2.8	21
25	Validation of hippocampal biomarkers of cumulative affective experience. Neuroscience and Biobehavioral Reviews, 2019, 101, 113-121.	6.1	18
26	Representation of Early Sensory Experience in the Adult Auditory Midbrain: Implications for Vocal Learning. PLoS ONE, 2013, 8, e61764.	2.5	17
27	International primate neuroscience research regulation, public engagement and transparency opportunities. NeuroImage, 2021, 229, 117700.	4.2	17
28	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
29	Strengths and challenges of longitudinal non-human primate neuroimaging. NeuroImage, 2021, 236, 118009.	4.2	12
30	Assessment of sensory substitution prosthesis potentialities in minimalist conditions of learning. Applied Cognitive Psychology, 2006, 20, 447-460.	1.6	11
31	Spin Echo BOLD fMRI on Songbirds. Methods in Molecular Biology, 2011, 771, 569-576.	0.9	9
32	Auditory motion processing in early blind subjects. Cognitive Processing, 2004, 5, 254-256.	1.4	8
33	A perceptual pitch boundary in a non-human primate. Frontiers in Psychology, 2014, 5, 998.	2.1	8
34	The role of MRI in applying the 3Rs to non-human primate neuroscience. NeuroImage, 2021, 225, 117521.	4.2	7
35	Beyond MRI: on the scientific value of combining non-human primate neuroimaging with metadata. NeuroImage, 2021, 228, 117679.	4.2	7
36	Pacing behaviour in laboratory macaques is an unreliable indicator of acute stress. Scientific Reports, 2019, 9, 7476.	3.3	4

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37	Functional Magnetic Resonance Imaging (fMRI) with Auditory Stimulation in Songbirds. Journal of Visualized Experiments, 2013, , .	0.3	3