

Marc F Schmidt

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,467
citations

304743

22
h-index

434195

31
g-index

36
all docs

36
docs citations

36
times ranked

675
citing authors

#	ARTICLE	IF	CITATIONS
1	Female signal jamming in a socially monogamous brood parasite. <i>Animal Behaviour</i> , 2021, 172, 155-169.	1.9	5
2	Regulation of vocal precision by noradrenergic modulation of a motor nucleus. <i>Journal of Neurophysiology</i> , 2020, 124, 458-470.	1.8	8
3	Breathtaking Songs: Coordinating the Neural Circuits for Breathing and Singing. <i>Physiology</i> , 2016, 31, 442-451.	3.1	33
4	Testing the evolutionary conservation of vocal motoneurons in vertebrates. <i>Respiratory Physiology and Neurobiology</i> , 2016, 224, 2-10.	1.6	23
5	The respiratory-vocal system of songbirds. <i>Progress in Brain Research</i> , 2014, 212, 297-335.	1.4	60
6	Achieving Perfection through Variability: The Basal Ganglia Helped Me Do It!. <i>Neuron</i> , 2014, 82, 6-8.	8.1	6
7	Characterization of respiratory neurons in the rostral ventrolateral medulla, an area critical for vocal production in songbirds. <i>Journal of Neurophysiology</i> , 2013, 109, 948-957.	1.8	16
8	Social Brains in Context: Lesions Targeted to the Song Control System in Female Cowbirds Affect Their Social Network. <i>PLoS ONE</i> , 2013, 8, e63239.	2.5	31
9	Linear and nonlinear auditory response properties of interneurons in a high-order avian vocal motor nucleus during wakefulness. <i>Journal of Neurophysiology</i> , 2012, 107, 2185-2201.	1.8	11
10	Breathing and vocal control: the respiratory system as both a driver and a target of telencephalic vocal motor circuits in songbirds. <i>Experimental Physiology</i> , 2012, 97, 455-461.	2.0	24
11	Sleep, off-line processing, and vocal learning. <i>Brain and Language</i> , 2010, 115, 45-58.	1.6	66
12	An IACUC Perspective on Songbirds and Their Use in Neurobiological Research. <i>ILAR Journal</i> , 2010, 51, 424-430.	1.8	14
13	Contributions of Bird Studies to Behavioral and Neurobiological Research. <i>ILAR Journal</i> , 2010, 51, 305-309.	1.8	6
14	What birdsong can teach us about the central noradrenergic system. <i>Journal of Chemical Neuroanatomy</i> , 2010, 39, 96-111.	2.1	54
15	Bottom-Up Activation of the Vocal Motor Forebrain by the Respiratory Brainstem. <i>Journal of Neuroscience</i> , 2008, 28, 2613-2623.	3.6	61
16	Using Both Sides of Your Brain: The Case for Rapid Interhemispheric Switching. <i>PLoS Biology</i> , 2008, 6, e269.	5.6	25
17	Hemispheric Coordination Is Necessary for Song Production in Adult Birds: Implications for a Dual Role for Forebrain Nuclei in Vocal Motor Control. <i>Journal of Neurophysiology</i> , 2008, 99, 373-385.	1.8	35
18	Distributed and Selective Auditory Representation of Song Repertoires in the Avian Song System. <i>Journal of Neurophysiology</i> , 2006, 96, 3433-3447.	1.8	19

#	ARTICLE	IF	CITATIONS
19	Sensorimotor Nucleus Nif Is Necessary for Auditory Processing But Not Vocal Motor Output in the Avian Song System. <i>Journal of Neurophysiology</i> , 2005, 93, 2157-2166.	1.8	62
20	Brainstem and Forebrain Contributions to the Generation of Learned Motor Behaviors for Song. <i>Journal of Neuroscience</i> , 2005, 25, 8543-8554.	3.6	123
21	Auditory Responses in Multiple Sensorimotor Song System Nuclei Are Co-Modulated by Behavioral State. <i>Journal of Neurophysiology</i> , 2004, 91, 2148-2163.	1.8	90
22	Noradrenergic Inputs Mediate State Dependence of Auditory Responses in the Avian Song System. <i>Journal of Neuroscience</i> , 2004, 24, 7745-7753.	3.6	96
23	Bilateral Control and Interhemispheric Coordination in the Avian Song Motor System. <i>Annals of the New York Academy of Sciences</i> , 2004, 1016, 171-186.	3.8	54
24	Pattern of Interhemispheric Synchronization in HVC During Singing Correlates With Key Transitions in the Song Pattern. <i>Journal of Neurophysiology</i> , 2003, 90, 3931-3949.	1.8	80
25	Song System Auditory Responses Are Stable and Highly Tuned During Sedation, Rapidly Modulated and Unselective During Wakefulness, and Suppressed By Arousal. <i>Journal of Neurophysiology</i> , 2003, 90, 2884-2899.	1.8	108
26	Slow Synaptic Inhibition Mediated by Metabotropic Glutamate Receptor Activation of GIRK Channels. <i>Journal of Neurophysiology</i> , 2000, 84, 2284-2290.	1.8	48
27	Gating of auditory responses in the vocal control system of awake songbirds. <i>Nature Neuroscience</i> , 1998, 1, 513-518.	14.8	173
28	Modulation by Social Context Sheds New Light on Mechanisms of Vocal Production. <i>Neuron</i> , 1998, 21, 645-647.	8.1	5
29	Interhemispheric Coordination of Premotor Neural Activity during Singing in Adult Zebra Finches. <i>Journal of Neuroscience</i> , 1998, 18, 9088-9098.	3.6	49
30	Slow Synaptic Inhibition in Nucleus HVC of the Adult Zebra Finch. <i>Journal of Neuroscience</i> , 1998, 18, 895-904.	3.6	34
31	Transient elevations in intracellular calcium are sufficient to induce sustained responsiveness to the neurotrophic factor bFGF. , 1996, 31, 333-344.		10
32	Depolarization and Laminin Independently Enable bFGF to Promote Neuronal Survival through Different Second Messenger Pathways. <i>Developmental Biology</i> , 1995, 168, 235-246.	2.0	22
33	Proposing a neural framework for the evolution of elaborate courtship displays. <i>ELife</i> , 0, 11, .	6.0	11