

Martin Deschenes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4974177/publications.pdf>

Version: 2024-02-01

19
papers

1,454
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	A vibrissa pathway that activates the limbic system. <i>ELife</i> , 2022, 11, .	6.0	5
2	Circuits in the Rodent Brainstem that Control Whisking in Concert with Other Orofacial Motor Actions. <i>Neuroscience</i> , 2018, 368, 152-170.	2.3	57
3	Parallel Inhibitory and Excitatory Trigemino-Facial Feedback Circuitry for Reflexive Vibrissa Movement. <i>Neuron</i> , 2017, 95, 673-682.e4.	8.1	36
4	Circuits in the Ventral Medulla That Phase-Lock Motoneurons for Coordinated Sniffing and Whisking. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	2.2	20
5	Inhibition, Not Excitation, Drives Rhythmic Whisking. <i>Neuron</i> , 2016, 90, 374-387.	8.1	63
6	Whisking, Sniffing, and the Hippocampal θ -Rhythm: A Tale of Two Oscillators. <i>PLoS Biology</i> , 2016, 14, e1002385.	5.6	39
7	Muscles Involved in Naris Dilation and Nose Motion in Rat. <i>Anatomical Record</i> , 2015, 298, 546-553.	1.4	21
8	Vibrissa Self-Motion and Touch Are Reliably Encoded along the Same Somatosensory Pathway from Brainstem through Thalamus. <i>PLoS Biology</i> , 2015, 13, e1002253.	5.6	113
9	The Musculature That Drives Active Touch by Vibrissae and Nose in Mice. <i>Anatomical Record</i> , 2015, 298, 1347-1358.	1.4	37
10	Juxtacellular Monitoring and Localization of Single Neurons within Sub-cortical Brain Structures of Alert, Head-restrained Rats. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	7
11	Activation and measurement of free whisking in the lightly anesthetized rodent. <i>Nature Protocols</i> , 2014, 9, 1792-1802.	12.0	13
12	More than a rhythm of life: breathing as a binder of orofacial sensation. <i>Nature Neuroscience</i> , 2014, 17, 647-651.	14.8	92
13	The Brainstem Oscillator for Whisking and the Case for Breathing as the Master Clock for Orofacial Motor Actions. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2014, 79, 29-39.	1.1	27
14	Hierarchy of orofacial rhythms revealed through whisking and breathing. <i>Nature</i> , 2013, 497, 205-210.	27.8	280
15	Sniffing and whisking in rodents. <i>Current Opinion in Neurobiology</i> , 2012, 22, 243-250.	4.2	155
16	Neuronal Basis for Object Location in the Vibrissa Scanning Sensorimotor System. <i>Neuron</i> , 2011, 72, 455-468.	8.1	152
17	Angular Tuning Bias of Vibrissa-Responsive Cells in the Paralemniscal Pathway. <i>Journal of Neuroscience</i> , 2006, 26, 10548-10557.	3.6	35
18	Thalamic projections from the whisker-sensitive regions of the spinal trigeminal complex in the rat. , 2000, 420, 233-243.		132

#	ARTICLE	IF	CITATIONS
19	Parallel Streams for the Relay of Vibrissal Information through Thalamic Barreloids. Journal of Neuroscience, 2000, 20, 7455-7462.	3.6	170