

Mihaly Kollo

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

951
citations

759233

12
h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

1065
citing authors

#	ARTICLE	IF	CITATIONS
1	Two Distinct Channels of Olfactory Bulb Output. <i>Neuron</i> , 2012, 75, 320-329.	8.1	209
2	Independent control of gamma and theta activity by distinct interneuron networks in the olfactory bulb. <i>Nature Neuroscience</i> , 2014, 17, 1208-1216.	14.8	185
3	Massively parallel microwire arrays integrated with CMOS chips for neural recording. <i>Science Advances</i> , 2020, 6, eaay2789.	10.3	115
4	Active Sampling State Dynamically Enhances Olfactory Bulb Odor Representation. <i>Neuron</i> , 2018, 98, 1214-1228.e5.	8.1	89
5	Novel Subcellular Distribution Pattern of A-Type K ⁺ Channels on Neuronal Surface. <i>Journal of Neuroscience</i> , 2006, 26, 2684-2691.	3.6	70
6	'Silent' mitral cells dominate odor responses in the olfactory bulb of awake mice. <i>Nature Neuroscience</i> , 2014, 17, 1313-1315.	14.8	63
7	Activity-Dependent Gating of Calcium Spikes by A-type K ⁺ Channels Controls Climbing Fiber Signaling in Purkinje Cell Dendrites. <i>Neuron</i> , 2014, 84, 137-151.	8.1	59
8	Sniffing Fast: Paradoxical Effects on Odor Concentration Discrimination at the Levels of Olfactory Bulb Output and Behavior. <i>ENeuro</i> , 2018, 5, ENEURO.0148-18.2018.	1.9	47
9	Quantitative Association of Anatomical and Functional Classes of Olfactory Bulb Neurons. <i>Journal of Neuroscience</i> , 2018, 38, 7204-7220.	3.6	25
10	Agrp neuron activity is required for alcohol-induced overeating. <i>Nature Communications</i> , 2017, 8, 14014.	12.8	23
11	Unique clustering of A-type potassium channels on different cell types of the main olfactory bulb. <i>European Journal of Neuroscience</i> , 2008, 27, 1686-1699.	2.6	18
12	CHIME: CMOS-Hosted in vivo Microelectrodes for Massively Scalable Neuronal Recordings. <i>Frontiers in Neuroscience</i> , 2020, 14, 834.	2.8	15
13	Natural VTA activity during NREM sleep influences future exploratory behavior. <i>IScience</i> , 2022, 25, 104396.	4.1	6
14	jULIEs: nanostructured polytrodes for low traumatic extracellular recordings and stimulation in the mammalian brain. <i>Journal of Neural Engineering</i> , 2022, , .	3.5	2