

Quentin Gaucher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10771868/publications.pdf>

Version: 2024-02-01

10
papers

208
citations

1478505

6
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical Inhibition Reduces Information Redundancy at Presentation of Communication Sounds in the Primary Auditory Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 10713-10728.	3.6	48
2	How different are the local field potentials and spiking activities? Insights from multi-electrodes arrays. <i>Journal of Physiology (Paris)</i> , 2012, 106, 93-103.	2.1	41
3	How do auditory cortex neurons represent communication sounds?. <i>Hearing Research</i> , 2013, 305, 102-112.	2.0	39
4	Stimulus-specific effects of noradrenaline in auditory cortex: implications for the discrimination of communication sounds. <i>Journal of Physiology</i> , 2015, 593, 1003-1020.	2.9	26
5	Component analysis reveals sharp tuning of the local field potential in the guinea pig auditory cortex. <i>Journal of Neurophysiology</i> , 2013, 109, 261-272.	1.8	21
6	Complexity of frequency receptive fields predicts tonotopic variability across species. <i>ELife</i> , 2020, 9, .	6.0	17
7	Increasing excitation versus decreasing inhibition in auditory cortex: consequences on the discrimination performance between communication sounds. <i>Journal of Physiology</i> , 2020, 598, 3765-3785.	2.9	7
8	A New and Fast Characterization of Multiple Encoding Properties of Auditory Neurons. <i>Brain Topography</i> , 2015, 28, 379-400.	1.8	6
9	Exposure to 1800MHz LTE electromagnetic fields under proinflammatory conditions decreases the response strength and increases the acoustic threshold of auditory cortical neurons. <i>Scientific Reports</i> , 2022, 12, 4063.	3.3	3
10	Are there "local hotspots"? When concepts of cognitive psychology do not fit with physiological results. <i>Behavioral and Brain Sciences</i> , 2016, 39, e208.	0.7	0