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