Alessandro Leparulo

List of Publications by Year
in descending order

10 papers	126 citations	1307594 7 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	155 citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerated Aging Characterizes the Early Stage of Alzheimer's Disease. Cells, 2022, 11, 238.	4.1	9
2	Classification of Whisker Deflections From Evoked Responses in the Somatosensory Barrel Cortex With Spiking Neural Networks. Frontiers in Neuroscience, 2022, 16, 838054.	2.8	3
3	Familial Alzheimer's disease presenilin-2 mutants affect Ca2+ homeostasis and brain network excitability. Aging Clinical and Experimental Research, 2021, 33, 1705-1708.	2.9	7
4	FPGA Design Integration of a 32-Microelectrodes Low-Latency Spike Detector in a Commercial System for Intracortical Recordings. Digital, 2021, 1, 34-53.	2.2	7
5	Neuronal Avalanches Across the Rat Somatosensory Barrel Cortex and the Effect of Single Whisker Stimulation. Frontiers in Systems Neuroscience, 2021, 15, 709677.	2.5	15
6	Dampened Slow Oscillation Connectivity Anticipates Amyloid Deposition in the PS2APP Mouse Model of Alzheimer's Disease. Cells, 2020, 9, 54.	4.1	17
7	Presenilin-2 and Calcium Handling: Molecules, Organelles, Cells and Brain Networks. Cells, 2020, 9, 2166.	4.1	21
8	ORAI2 Down-Regulation Potentiates SOCE and Decreases $A\beta42$ Accumulation in Human Neuroglioma Cells. International Journal of Molecular Sciences, 2020, 21, 5288.	4.1	14
9	Cx32 hemichannel opening by cytosolic Ca2+ is inhibited by the R220X mutation that causes Charcot-Marie-Tooth disease. Human Molecular Genetics, 2018, 27, 80-94.	2.9	25
10	Ionic currents in hair cells dissociated from frog semicircular canals after preconditioning under microgravity conditions. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R1585-R1597.	1.8	8