

Giuliano Iurilli

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,657
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

2587
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Mapping Sub-Second Structure in Mouse Behavior. <i>Neuron</i> , 2015, 88, 1121-1135. | 8.1 | 561 |
| 2 | Sound-Driven Synaptic Inhibition in Primary Visual Cortex. <i>Neuron</i> , 2012, 73, 814-828. | 8.1 | 314 |
| 3 | Cellular and Synaptic Architecture of Multisensory Integration in the Mouse Neocortex. <i>Neuron</i> , 2013, 79, 579-593. | 8.1 | 162 |
| 4 | Synaptic recruitment of gephyrin regulates surface GABAA receptor dynamics for the expression of inhibitory LTP. <i>Nature Communications</i> , 2014, 5, 3921. | 12.8 | 158 |
| 5 | Flexible, all-polymer microelectrode arrays for the capture of cardiac and neuronal signals. <i>Biomaterials</i> , 2011, 32, 1778-1786. | 11.4 | 138 |
| 6 | Structure and flexibility in cortical representations of odour space. <i>Nature</i> , 2020, 583, 253-258. | 27.8 | 108 |
| 7 | Population Coding in an Innately Relevant Olfactory Area. <i>Neuron</i> , 2017, 93, 1180-1197.e7. | 8.1 | 75 |
| 8 | Increased fMRI connectivity upon chemogenetic inhibition of the mouse prefrontal cortex. <i>Nature Communications</i> , 2022, 13, 1056. | 12.8 | 45 |
| 9 | Filopodia Conduct Target Selection in Cortical Neurons Using Differences in Signal Kinetics of a Single Kinase. <i>Neuron</i> , 2018, 98, 767-782.e8. | 8.1 | 41 |
| 10 | Preserved Excitatory-Inhibitory Balance of Cortical Synaptic Inputs following Deprived Eye Stimulation after a Saturating Period of Monocular Deprivation in Rats. <i>PLoS ONE</i> , 2013, 8, e82044. | 2.5 | 16 |
| 11 | Abnormal whisker-dependent behaviors and altered cortico-hippocampal connectivity in <i>Shank3b</i> ^{fl/fl} mice. <i>Cerebral Cortex</i> , 2022, 32, 3042-3056. | 2.9 | 16 |
| 12 | Loss of Visually Driven Synaptic Responses in Layer 4 Regular-Spiking Neurons of Rat Visual Cortex in Absence of Competing Inputs. <i>Cerebral Cortex</i> , 2012, 22, 2171-2181. | 2.9 | 12 |