

Matilde Balbi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6005127/publications.pdf>

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7
papers

273
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoscale Mapping of Mouse Cortex Reveals Frequency-Dependent Cycling between Distinct Macroscale Functional Modules. <i>Journal of Neuroscience</i> , 2017, 37, 7513-7533.	3.6	139
2	Targeted ischemic stroke induction and mesoscopic imaging assessment of blood flow and ischemic depolarization in awake mice. <i>Neurophotonics</i> , 2017, 4, 1.	3.3	35
3	Gamma frequency activation of inhibitory neurons in the acute phase after stroke attenuates vascular and behavioral dysfunction. <i>Cell Reports</i> , 2021, 34, 108696.	6.4	26
4	Automated task training and longitudinal monitoring of mouse mesoscale cortical circuits using home cages. <i>ELife</i> , 2020, 9, .	6.0	22
5	Longitudinal monitoring of mesoscopic cortical activity in a mouse model of microinfarcts reveals dissociations with behavioral and motor function. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1486-1500.	4.3	21
6	Automated touch sensing in the mouse tapered beam test using Raspberry Pi. <i>Journal of Neuroscience Methods</i> , 2017, 291, 221-226.	2.5	15
7	Impairment of cerebrovascular reactivity in response to hypercapnic challenge in a mouse model of repetitive mild traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1362-1378.	4.3	12