

Bing-Xing Huo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6888033/publications.pdf>

Version: 2024-02-01

12
papers

799
citations

1040056

9
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	A multimodal cell census and atlas of the mammalian primary motor cortex. <i>Nature</i> , 2021, 598, 86-102.	27.8	316
2	Cellular anatomy of the mouse primary motor cortex. <i>Nature</i> , 2021, 598, 159-166.	27.8	117
3	Neurovascular Coupling and Decoupling in the Cortex during Voluntary Locomotion. <i>Journal of Neuroscience</i> , 2014, 34, 10975-10981.	3.6	81
4	Quantitative separation of arterial and venous cerebral blood volume increases during voluntary locomotion. <i>NeuroImage</i> , 2015, 105, 369-379.	4.2	56
5	A high-throughput neurohistological pipeline for brain-wide mesoscale connectivity mapping of the common marmoset. <i>ELife</i> , 2019, 8, .	6.0	51
6	Brief anesthesia, but not voluntary locomotion, significantly alters cortical temperature. <i>Journal of Neurophysiology</i> , 2015, 114, 309-322.	1.8	38
7	Unidirectional monosynaptic connections from auditory areas to the primary visual cortex in the marmoset monkey. <i>Brain Structure and Function</i> , 2019, 224, 111-131.	2.3	34
8	Venous cerebral blood volume increase during voluntary locomotion reflects cardiovascular changes. <i>NeuroImage</i> , 2015, 118, 301-312.	4.2	26
9	Semantic segmentation of microscopic neuroanatomical data by combining topological priors with encoder-decoder deep networks. <i>Nature Machine Intelligence</i> , 2020, 2, 585-594.	16.0	12
10	Relation of koniocellular layers of dorsal lateral geniculate to inferior pulvinar nuclei in common marmosets. <i>European Journal of Neuroscience</i> , 2019, 50, 4004-4017.	2.6	11
11	3D Mapping of Serial Histology Sections with Anomalies Using a Novel Robust Deformable Registration Algorithm. <i>Lecture Notes in Computer Science</i> , 2019, , 162-173.	1.3	8
12	Sizing up whole-brain neuronal tracing. <i>Science Bulletin</i> , 2022, 67, 883-884.	9.0	1