

Duncan B Leitch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6469740/publications.pdf>

Version: 2024-02-01

18
papers

1,487
citations

759190

12
h-index

940516

16
g-index

18
all docs

18
docs citations

18
times ranked

2290
citing authors

#	ARTICLE	IF	CITATIONS
1	Specialized Somatosensory Systems Revealed. , 2020, , 445-461.		0
2	Electrosensory Transduction: Comparisons Across Structure, Afferent Response Properties, and Cellular Physiology. Springer Handbook of Auditory Research, 2019, , 63-90.	0.7	5
3	Molecular tuning of electroreception in sharks and skates. Nature, 2018, 558, 122-126.	27.8	43
4	Molecular basis of ancestral vertebrate electroreception. Nature, 2017, 543, 391-396.	27.8	84
5	Enterochromaffin Cells Are Gut Chemosensors that Couple to Sensory Neural Pathways. Cell, 2017, 170, 185-198.e16.	28.9	568
6	Organization of the spinal trigeminal nucleus in star-nosed moles. Journal of Comparative Neurology, 2014, 522, 3335-3350.	1.6	15
7	Brain Mass and Cranial Nerve Size in Shrews and Moles. Scientific Reports, 2014, 4, 6241.	3.3	11
8	Faster scaling of visual neurons in cortical areas relative to subcortical structures in non-human primate brains. Brain Structure and Function, 2013, 218, 805-816.	2.3	32
9	The Star-Nosed Mole Reveals Clues to the Molecular Basis of Mammalian Touch. PLoS ONE, 2013, 8, e55001.	2.5	41
10	Barrelettes without Barrels in the American Water Shrew. PLoS ONE, 2013, 8, e65975.	2.5	10
11	Cutaneous and periodontal inputs to the cerebellum of the naked mole-rat (<i>Heterocephalus glaber</i>). Frontiers in Neuroanatomy, 2013, 7, 39.	1.7	3
12	Structure, innervation and response properties of integumentary sensory organs in crocodylians. Journal of Experimental Biology, 2012, 215, 4217-4230.	1.7	109
13	Chemoarchitecture of Layer 4 Isocortex in the American Water Shrew (<i>Sorex palustris</i>). Brain, Behavior and Evolution, 2011, 78, 261-271.	1.7	6
14	Organization of somatosensory cortex in the Northern grasshopper mouse (<i>Onychomys</i>). <i>Journal of Neurocytology</i> , 2011, 30, 222-231.	1.6	18
15	A Star in the Brainstem Reveals the First Step of Cortical Magnification. PLoS ONE, 2011, 6, e22406.	2.5	19
16	Neuron densities vary across and within cortical areas in primates. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15927-15932.	7.1	333
17	Cellular scaling rules of insectivore brains. Frontiers in Neuroanatomy, 2009, 3, 8.	1.7	82
18	Manganese exposure is cytotoxic and alters dopaminergic and GABAergic neurons within the basal ganglia. Journal of Neurochemistry, 2009, 110, 378-389.	3.9	108