

Jean C Houzel

List of Publications by Year in descending order

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30
papers

2,199
citations

430874

18
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

3392
citing authors

#	ARTICLE	IF	CITATIONS
1	An anti-diabetes agent protects the mouse brain from defective insulin signaling caused by Alzheimer's disease-associated A β oligomers. <i>Journal of Clinical Investigation</i> , 2012, 122, 1339-1353.	8.2	697
2	TNF- α Mediates PKR-Dependent Memory Impairment and Brain IRS-1 Inhibition Induced by Alzheimer's β -Amyloid Oligomers in Mice and Monkeys. <i>Cell Metabolism</i> , 2013, 18, 831-843.	16.2	340
3	Alzheimer's Disease-Like Pathology Induced by Amyloid- β Oligomers in Nonhuman Primates. <i>Journal of Neuroscience</i> , 2014, 34, 13629-13643.	3.6	189
4	The diabetes drug liraglutide reverses cognitive impairment in mice and attenuates insulin receptor and synaptic pathology in a non-human primate model of Alzheimer's disease. <i>Journal of Pathology</i> , 2018, 245, 85-100.	4.5	180
5	Inhibition of Alzheimer's disease β -amyloid aggregation, neurotoxicity, and in vivo deposition by nitrophenols: implications for Alzheimer's therapy. <i>FASEB Journal</i> , 2001, 15, 1297-1299.	0.5	117
6	Morphology of Callosal Axons Interconnecting Areas 17 and 18 of the Cat. <i>European Journal of Neuroscience</i> , 1994, 6, 898-917.	2.6	96
7	Soluble oligomers from a non-disease related protein mimic A β -induced tau hyperphosphorylation and neurodegeneration. <i>Journal of Neurochemistry</i> , 2007, 103, 736-748.	3.9	78
8	Computational Structure of Visual Callosal Axons. <i>European Journal of Neuroscience</i> , 1994, 6, 918-935.	2.6	72
9	On the Fate of Extracellular Hemoglobin and Heme in Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1109-1120.	4.3	48
10	Visual inter-hemispheric processing: Constraints and potentialities set by axonal morphology. <i>Journal of Physiology (Paris)</i> , 1999, 93, 271-284.	2.1	42
11	Pattern of Development of the Callosal Transfer of Visual Information to Cortical Areas 17 and 18 in the Cat. <i>European Journal of Neuroscience</i> , 1994, 6, 193-202.	2.6	39
12	Mitomycin-treated undifferentiated embryonic stem cells as a safe and effective therapeutic strategy in a mouse model of Parkinson's disease. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 97.	3.7	39
13	Interhemispheric connections between primary visual areas: beyond the midline rule. <i>Brazilian Journal of Medical and Biological Research</i> , 2002, 35, 1441-1453.	1.5	35
14	Murine Model for Parkinson's Disease: from 6-OH Dopamine Lesion to Behavioral Test. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	31
15	Protein kinase C activity regulates d-serine availability in the brain. <i>Journal of Neurochemistry</i> , 2011, 116, 281-290.	3.9	30
16	The Organizational Variability of the Rodent Somatosensory Cortex. <i>Reviews in the Neurosciences</i> , 2007, 18, 283-94.	2.9	24
17	Callosal axon arbors in the limb representations of the somatosensory cortex (SI) in the agouti (<i>Dasyprocta prinnolopha</i>). <i>Journal of Comparative Neurology</i> , 2007, 500, 255-266.	1.6	24
18	Maxsim, software for the analysis of multiple axonal arbors and their simulated activation. <i>Journal of Neuroscience Methods</i> , 1996, 67, 1-9.	2.5	20

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19	Dysmorphic neurons in patients with temporal lobe epilepsy. <i>Brain Research</i> , 2006, 1072, 200-207.	2.2	19
20	Distribution and morphology of nitroergic neurons across functional domains of the rat primary somatosensory cortex. <i>Frontiers in Neural Circuits</i> , 2012, 6, 57.	2.8	17
21	Murine dopaminergic M α 1/4ller cells restore motor function in a model of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2014, 128, 829-840.	3.9	17
22	Visual interhemispheric transfer to areas 17 and 18 in cats with convergent strabismus. <i>European Journal of Neuroscience</i> , 2001, 13, 137-152.	2.6	14
23	Topography and architecture of visual and somatosensory areas of the agouti. <i>Journal of Comparative Neurology</i> , 2014, 522, 2576-2593.	1.6	12
24	Spatiotemporal distribution of proteoglycans in the developing rat's barrel field and the effects of early deafferentation. <i>Journal of Comparative Neurology</i> , 2008, 510, 145-157.	1.6	10
25	Granular cell dispersion and bilamination: two distinct histopathological patterns in epileptic hippocampi?. <i>Epileptic Disorders</i> , 2007, 9, 438-442.	1.3	8
26	EHMTI-0065. Effects of antiepileptic drugs on spreading depression in the chick retina: implications for migraine prophylaxis. <i>Journal of Headache and Pain</i> , 2014, 15, .	6.0	1
27	Pharmacological study of spreading depression. The effect of antiepileptic drugs used in migraine prophylaxis. <i>Journal of the Neurological Sciences</i> , 2015, 357, e35.	0.6	0
28	Morphometric analysis of feedforward pathways from the primary somatosensory area (S1) of rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2016, 49, e5115.	1.5	0
29	Nitroergic neurons of the forepaw representation in the rat somatosensory and motor cortices: A quantitative study. <i>Journal of Comparative Neurology</i> , 2021, 529, 3321-3335.	1.6	0
30	Narrativas de resignificaÃ§Ã£o: o processo dialÃ©tico na produÃ§Ã£o audiovisual com moradores de rua no centro do Rio de Janeiro. <i>REMEA - Revista EletrÃ³nica Do Mestrado Em EducaÃ§Ã£o Ambiental</i> , 2020, 37, 411-429.	0.1	0