

Blanca Lizarbe

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,380
citations

1162367

8
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

2490
citing authors

#	ARTICLE	IF	CITATIONS
1	Excitatory/inhibitory neuronal metabolic balance in mouse hippocampus upon infusion of [¹³ C ₆]glucose. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 282-297.	2.4	4
2	Integrative analysis of physiological responses to high fat feeding with diffusion tensor images and neurochemical profiles of the mouse brain. <i>International Journal of Obesity</i> , 2021, 45, 1203-1214.	1.6	10
3	Magnetic resonance assessment of the cerebral alterations associated with obesity development. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2135-2151.	2.4	9
4	Systemic Glucose Administration Alters Water Diffusion and Microvascular Blood Flow in Mouse Hypothalamic Nuclei – An fMRI Study. <i>Frontiers in Neuroscience</i> , 2019, 13, 921.	1.4	6
5	Cerebral hunger maps in rodents and humans by diffusion weighted MRI. <i>Appetite</i> , 2019, 142, 104333.	1.8	5
6	High-fat diet consumption alters energy metabolism in the mouse hypothalamus. <i>International Journal of Obesity</i> , 2019, 43, 1295-1304.	1.6	37
7	Feasibility of in vivo measurement of glucose metabolism in the mouse hypothalamus by ¹³ C MRS at 14.1T. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 874-884.	1.9	11
8	In Vivo Heteronuclear Magnetic Resonance Spectroscopy. <i>Methods in Molecular Biology</i> , 2018, 1718, 169-187.	0.4	8
9	Neurochemical Modifications in the Hippocampus, Cortex and Hypothalamus of Mice Exposed to Long-Term High-Fat Diet. <i>Frontiers in Neuroscience</i> , 2018, 12, 985.	1.4	88
10	Editorial: “Transcellular Cycles Underlying Neurotransmission”. <i>Frontiers in Nutrition</i> , 2015, 2, 18.	1.6	1
11	fDWI Evaluation of Hypothalamic Appetite Regulation Pathways in Mice Genetically Deficient in Leptin or Neuropeptide Y. <i>Neurochemical Research</i> , 2015, 40, 2628-2638.	1.6	10
12	The short-chain fatty acid acetate reduces appetite via a central homeostatic mechanism. <i>Nature Communications</i> , 2014, 5, 3611.	5.8	1,129
13	Imaging hypothalamic activity using diffusion weighted magnetic resonance imaging in the mouse and human brain. <i>NeuroImage</i> , 2013, 64, 448-457.	2.1	23
14	Hypothalamic metabolic compartmentation during appetite regulation as revealed by magnetic resonance imaging and spectroscopy methods. <i>Frontiers in Neuroenergetics</i> , 2013, 5, 6.	5.3	24
15	Environmentally Sensitive Paramagnetic and Diamagnetic Contrast Agents for Nuclear Magnetic Resonance Imaging and Spectroscopy. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 115-130.	1.0	15
16	Intelligent Image Analysis of Diffusion Weighted Data Sets: A New Tool for Functional Imaging. <i>Lecture Notes in Computer Science</i> , 2011, , 9-12.	1.0	0