## Blanca Lizarbe

List of Publications by Year in descending order

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RIANCA LIZADRE

#	Article	IF	CITATIONS
1	The short-chain fatty acid acetate reduces appetite via a central homeostatic mechanism. Nature Communications, 2014, 5, 3611.	12.8	1,129
2	Neurochemical Modifications in the Hippocampus, Cortex and Hypothalamus of Mice Exposed to Long-Term High-Fat Diet. Frontiers in Neuroscience, 2018, 12, 985.	2.8	88
3	High-fat diet consumption alters energy metabolism in the mouse hypothalamus. International Journal of Obesity, 2019, 43, 1295-1304.	3.4	37
4	Hypothalamic metabolic compartmentation during appetite regulation as revealed by magnetic resonance imaging and spectroscopy methods. Frontiers in Neuroenergetics, 2013, 5, 6.	5.3	24
5	Imaging hypothalamic activity using diffusion weighted magnetic resonance imaging in the mouse and human brain. NeuroImage, 2013, 64, 448-457.	4.2	23
6	Environmentally Sensitive Paramagnetic and Diamagnetic Contrast Agents for Nuclear Magnetic Resonance Imaging and Spectroscopy. Current Topics in Medicinal Chemistry, 2011, 11, 115-130.	2.1	15
7	Feasibility of in vivo measurement of glucose metabolism in the mouse hypothalamus by <sup>1</sup> Hâ€{ <sup>13</sup> C] MRS at 14.1T. Magnetic Resonance in Medicine, 2018, 80, 874-884.	3.0	11
8	fDWI Evaluation of Hypothalamic Appetite Regulation Pathways in Mice Genetically Deficient in Leptin or Neuropeptide Y. Neurochemical Research, 2015, 40, 2628-2638.	3.3	10
9	Integrative analysis of physiological responses to high fat feeding with diffusion tensor images and neurochemical profiles of the mouse brain. International Journal of Obesity, 2021, 45, 1203-1214.	3.4	10
10	Magnetic resonance assessment of the cerebral alterations associated with obesity development. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 2135-2151.	4.3	9
11	In Vivo Heteronuclear Magnetic Resonance Spectroscopy. Methods in Molecular Biology, 2018, 1718, 169-187.	0.9	8
12	Systemic Glucose Administration Alters Water Diffusion and Microvascular Blood Flow in Mouse Hypothalamic Nuclei – An fMRI Study. Frontiers in Neuroscience, 2019, 13, 921.	2.8	6
13	Cerebral hunger maps in rodents and humans by diffusion weighted MRI. Appetite, 2019, 142, 104333.	3.7	5
14	Excitatory/inhibitory neuronal metabolic balance in mouse hippocampus upon infusion of [U- <sup>13</sup> C <sub>6</sub> ]glucose. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 282-297.	4.3	4
15	Editorial: "Transcellular Cycles Underlying Neurotransmission― Frontiers in Nutrition, 2015, 2, 18.	3.7	1
16	Intelligent Image Analysis of Diffusion Weighted Data Sets: A New Tool for Functional Imaging. Lecture Notes in Computer Science, 2011, , 9-12.	1.3	0