

Blanca Lizarbe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5043943/publications.pdf>

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 | The short-chain fatty acid acetate reduces appetite via a central homeostatic mechanism. <i>Nature Communications</i> , 2014, 5, 3611. | 5.8 | 1,129 |
| 2 | 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 |
| 3 | High-fat diet consumption alters energy metabolism in the mouse hypothalamus. <i>International Journal of Obesity</i> , 2019, 43, 1295-1304. | 1.6 | 37 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 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 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | In Vivo Heteronuclear Magnetic Resonance Spectroscopy. <i>Methods in Molecular Biology</i> , 2018, 1718, 169-187. | 0.4 | 8 |
| 12 | 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 |
| 13 | Cerebral hunger maps in rodents and humans by diffusion weighted MRI. <i>Appetite</i> , 2019, 142, 104333. | 1.8 | 5 |
| 14 | Excitatory/inhibitory neuronal metabolic balance in mouse hippocampus upon infusion of ^{13}C glucose. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 282-297. | 2.4 | 4 |
| 15 | Editorial: “Transcellular Cycles Underlying Neurotransmission”. <i>Frontiers in Nutrition</i> , 2015, 2, 18. | 1.6 | 1 |
| 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 |