

Omar Guzman Quevedo

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

637
citations

687363

13
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610901

24
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33
all docs

33
docs citations

33
times ranked

921
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibiting Microglia Expansion Prevents Diet-Induced Hypothalamic and Peripheral Inflammation. <i>Diabetes</i> , 2017, 66, 908-919.	0.6	127
2	Hypothalamic bile acid-TGR5 signaling protects from obesity. <i>Cell Metabolism</i> , 2021, 33, 1483-1492.e10.	16.2	79
3	Nutritional Programming in the Rat Is Linked to Long-Lasting Changes in Nutrient Sensing and Energy Homeostasis in the Hypothalamus. <i>PLoS ONE</i> , 2010, 5, e13537.	2.5	66
4	Cannabinoid Type 1 (CB1) Receptors on Sim1-Expressing Neurons Regulate Energy Expenditure in Male Mice. <i>Endocrinology</i> , 2015, 156, 411-418.	2.8	40
5	Early malnutrition results in long-lasting impairments in pattern-separation for overlapping novel object and novel location memories and reduced hippocampal neurogenesis. <i>Scientific Reports</i> , 2016, 6, 21275.	3.3	35
6	The role of vitamin B12 in viral infections: a comprehensive review of its relationship with the muscle-gut-brain axis and implications for SARS-CoV-2 infection. <i>Nutrition Reviews</i> , 2022, 80, 561-578.	5.8	31
7	Non-Invasive Exploration of Neonatal Gastric Epithelium by Using Exfoliated Epithelial Cells. <i>PLoS ONE</i> , 2011, 6, e25562.	2.5	21
8	Maternal protein restriction impairs the transcriptional metabolic flexibility of skeletal muscle in adult rat offspring. <i>British Journal of Nutrition</i> , 2014, 112, 328-337.	2.3	20
9	Effects of maternal low-protein diet on parameters of locomotor activity in a rat model of cerebral palsy. <i>International Journal of Developmental Neuroscience</i> , 2016, 52, 38-45.	1.6	20
10	mTORC1-dependent increase in oxidative metabolism in POMC neurons regulates food intake and action of leptin. <i>Molecular Metabolism</i> , 2018, 12, 98-106.	6.5	19
11	Differential developmental programming by early protein restriction of rat skeletal muscle according to its fibre-type composition. <i>Acta Physiologica</i> , 2014, 210, 70-83.	3.8	17
12	Perinatal undernutrition associated to experimental model of cerebral palsy increases adverse effects on chewing in young rats. <i>Physiology and Behavior</i> , 2017, 173, 69-78.	2.1	16
13	<i>Mucuna pruriens</i> Administration Minimizes Neuroinflammation and Shows Anxiolytic, Antidepressant and Slimming Effects in Obese Rats. <i>Molecules</i> , 2020, 25, 5559.	3.8	15
14	A systematic review of neurogenesis in animal models of early brain damage: Implications for cerebral palsy. <i>Experimental Neurology</i> , 2021, 340, 113643.	4.1	14
15	Expression of tryptophan hydroxylase in developing mouse taste papillae. <i>FEBS Letters</i> , 2006, 580, 5371-5376.	2.8	13
16	<i>Mucuna pruriens</i> treatment shows anti-obesity and intestinal health effects on obese rats. <i>Food and Function</i> , 2021, 12, 6479-6489.	4.6	12
17	Long-Lasting Effect of Perinatal Exposure to L-tryptophan on Circadian Clock of Primary Cell Lines Established from Male Offspring Born from Mothers Fed on Dietary Protein Restriction. <i>PLoS ONE</i> , 2013, 8, e56231.	2.5	11
18	mTORC1 pathway disruption abrogates the effects of the ciliary neurotrophic factor on energy balance and hypothalamic neuroinflammation. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 325-334.	4.1	11

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19	Metabolic and neurological consequences of the treatment with polyphenols: a systematic review in rodent models of noncommunicable diseases. <i>Nutritional Neuroscience</i> , 2022, 25, 1680-1696.	3.1	11
20	Dietary flavonoid kaempferol reduces obesity-associated hypothalamic microglia activation and promotes body weight loss in mice with obesity. <i>Nutritional Neuroscience</i> , 2023, 26, 25-39.	3.1	11
21	Orofacial functions in experimental models of cerebral palsy: a systematic review. <i>Journal of Oral Rehabilitation</i> , 2017, 44, 251-260.	3.0	9
22	Long term effects of neonatal exposure to fluoxetine on energy balance: A systematic review of experimental studies. <i>European Journal of Pharmacology</i> , 2018, 833, 298-306.	3.5	9
23	Impaired Hypothalamic mTOR Activation in the Adult Rat Offspring Born to Mothers Fed a Low-Protein Diet. <i>PLoS ONE</i> , 2013, 8, e74990.	2.5	8
24	Calcitonin Gene-Related Peptide-Induced Phosphorylation of STAT3 in Arcuate Neurons Is a Link in the Metabolic Benefits of Portal Glucose. <i>Neuroendocrinology</i> , 2021, 111, 555-567.	2.5	5
25	Addition of <i>Opuntia ficus-indica</i> ; Reduces Hypothalamic Microglial Activation and Improves Metabolic Alterations in Obese Mice Exposed to a High-fat Diet. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2020, 8, 473-483.	0.3	4
26	Effects of flavonols on emotional behavior and compounds of the serotonergic system: A preclinical systematic review. <i>European Journal of Pharmacology</i> , 2022, 916, 174697.	3.5	4
27	Central administration of REV-ERB β agonist promotes opposite responses on energy balance in fasted and fed states. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12833.	2.6	3
28	The addition of cactus flour (<i>Opuntia ficus indica</i>) to the Western-style diet attenuates the onset of metabolic disorders in rats. <i>Nutrition and Food Science</i> , 2019, 49, 564-579.	0.9	2
29	Could polyphenols be used as a neuroprotector therapeutic agent in perinatal brain disorders?. <i>Nutritional Neuroscience</i> , 2022, 25, 2458-2460.	3.1	2
30	Peripheral and Central Glucocorticoid Signaling Contributes to Positive Energy Balance in Rats. <i>Hormone and Metabolic Research</i> , 2017, 49, 472-479.	1.5	1
31	NPV-BSK805, an Antineoplastic Jak2 Inhibitor Effective in Myeloproliferative Disorders, Causes Adiposity in Mice by Interfering With the Action of Leptin. <i>Frontiers in Pharmacology</i> , 2018, 9, 527.	3.5	1
32	Role of hypothalamic bile acid-TGR5 signaling in the regulation of energy balance. <i>Endocrine Abstracts</i> , 0, , .	0.0	0