Omar Guzman Quevedo

List of Publications by Year
in descending order

32 papers	637 citations	687363 13 h-index	610901 24 g-index
33 all docs	33 docs citations	33 times ranked	921 citing authors

#	Article	IF	Citations
1	Dietary flavonoid kaempferol reduces obesity-associated hypothalamic microglia activation and promotes body weight loss in mice with obesity. Nutritional Neuroscience, 2023, 26, 25-39.	3.1	11
2	Metabolic and neurological consequences of the treatment with polyphenols: a systematic review in rodent models of noncommunicable diseases. Nutritional Neuroscience, 2022, 25, 1680-1696.	3.1	11
3	Could polyphenols be used as a neuroprotector therapeutic agent in perinatal brain disorders?. Nutritional Neuroscience, 2022, 25, 2458-2460.	3.1	2
4	The role of vitamin B12 in viral infections: a comprehensive review of its relationship with the muscleâ€“gutâ€“brain axis and implications for SARS-CoV-2 infection. Nutrition Reviews, 2022, 80, 561-578.	5.8	31
5	Effects of flavonols on emotional behavior and compounds of the serotonergic system: A preclinical systematic review. European Journal of Pharmacology, 2022, 916, 174697.	3.5	4
6	Calcitonin Gene-Related Peptide-Induced Phosphorylation of STAT3 in Arcuate Neurons Is a Link in the Metabolic Benefits of Portal Glucose. Neuroendocrinology, 2021, 111, 555-567.	2.5	5
7	Mucuna pruriens treatment shows anti-obesity and intestinal health effects on obese rats. Food and Function, 2021, 12, 6479-6489.	4.6	12
8	A systematic review of neurogenesis in animal models of early brain damage: Implications for cerebral palsy. Experimental Neurology, 2021, 340, 113643.	4.1	14
9	Hypothalamic bile acid-TGR5 signaling protects from obesity. Cell Metabolism, 2021, 33, 1483-1492.e10.	16.2	79
10	Mucuna pruriens Administration Minimizes Neuroinflammation and Shows Anxiolytic, Antidepressant and Slimming Effects in Obese Rats. Molecules, 2020, 25, 5559.	3.8	15
11	Central administration of REVâ€ERBÎ± agonist promotes opposite responses on energy balance in fasted and fed states. Journal of Neuroendocrinology, 2020, 32, e12833.	2.6	3
12	Addition of <i>Opuntia ficus-indica</i> Reduces Hypothalamic Microglial Activation and Improves Metabolic Alterations in Obese Mice Exposed to a High-fat Diet. Journal of Food and Nutrition Research (Newark, Del), 2020, 8, 473-483.	0.3	4
13	The addition of cactus flour (Opuntia ficus indica) to the Western-style diet attenuates the onset of metabolic disorders in rats. Nutrition and Food Science, 2019, 49, 564-579.	0.9	2
14	mTORC1-dependent increase in oxidative metabolism in POMC neurons regulates food intake and action of leptin. Molecular Metabolism, 2018, 12, 98-106.	6.5	19
15	mTORC1 pathway disruption abrogates the effects of the ciliary neurotrophic factor on energy balance and hypothalamic neuroinflammation. Brain, Behavior, and Immunity, 2018, 70, 325-334.	4.1	11
16	NPV-BSK805, an Antineoplastic Jak2 Inhibitor Effective in Myeloproliferative Disorders, Causes Adiposity in Mice by Interfering With the Action of Leptin. Frontiers in Pharmacology, 2018, 9, 527.	3.5	1
17	Long term effects of neonatal exposure to fluoxetine on energy balance: A systematic review of experimental studies. European Journal of Pharmacology, 2018, 833, 298-306.	3.5	9
18	Perinatal undernutrition associated to experimental model of cerebral palsy increases adverse effects on chewing in young rats. Physiology and Behavior, 2017, 173, 69-78.	2.1	16

#	Article	IF	Citations
19	Oroâ€facial functions in experimental models of cerebral palsy: a systematic review. Journal of Oral Rehabilitation, 2017, 44, 251-260.	3.0	9
20	Peripheral and Central Glucocorticoid Signaling Contributes to Positive Energy Balance in Rats. Hormone and Metabolic Research, 2017, 49, 472-479.	1.5	1
21	Inhibiting Microglia Expansion Prevents Diet-Induced Hypothalamic and Peripheral Inflammation. Diabetes, 2017, 66, 908-919.	0.6	127
22	Early malnutrition results in long-lasting impairments in pattern-separation for overlapping novel object and novel location memories and reduced hippocampal neurogenesis. Scientific Reports, 2016, 6, 21275.	3.3	35
23	Effects of maternal lowâ€protein diet on parameters of locomotor activity in a rat model of cerebral palsy. International Journal of Developmental Neuroscience, 2016, 52, 38-45.	1.6	20
24	Cannabinoid Type 1 (CB1) Receptors on Sim1-Expressing Neurons Regulate Energy Expenditure in Male Mice. Endocrinology, 2015, 156, 411-418.	2.8	40
25	Maternal protein restriction impairs the transcriptional metabolic flexibility of skeletal muscle in adult rat offspring. British Journal of Nutrition, 2014, 112, 328-337.	2.3	20
26	Differential developmental programming by early protein restriction of rat skeletal muscle according to its fibreâ€type composition. Acta Physiologica, 2014, 210, 70-83.	3.8	17
27	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. PLoS ONE, 2013, 8, e56231.	2.5	11
28	Impaired Hypothalamic mTOR Activation in the Adult Rat Offspring Born to Mothers Fed a Low-Protein Diet. PLoS ONE, 2013, 8, e74990.	2.5	8
29	Non-Invasive Exploration of Neonatal Gastric Epithelium by Using Exfoliated Epithelial Cells. PLoS ONE, 2011, 6, e25562.	2.5	21
30	Nutritional Programming in the Rat Is Linked to Long-Lasting Changes in Nutrient Sensing and Energy Homeostasis in the Hypothalamus. PLoS ONE, 2010, 5, e13537.	2.5	66
31	Expression of tryptophan hydroxylase in developing mouse taste papillae. FEBS Letters, 2006, 580, 5371-5376.	2.8	13
32	Role of hypothalamic bile acid-TGR5 signaling in the regulation of energy balance. Endocrine Abstracts, 0, , .	0.0	0