

# Alberto Camacho-Morales

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50 papers	1,179 citations	17 h-index	34 g-index
62 ext. papers	1,432 ext. citations	4.1 avg, IF	4.34 L-index

#	Paper	IF	Citations
50	Differential lipid partitioning between adipocytes and tissue macrophages modulates macrophage lipotoxicity and M2/M1 polarization in obese mice. <i>Diabetes</i> , <b>2011</b> , 60, 797-809	0.9	248
49	Role of glutamate transporters in the clearance and release of glutamate during ischemia and its relation to neuronal death. <i>Archives of Medical Research</i> , <b>2006</b> , 37, 11-8	6.6	132
48	Effect of quinolinic acid on endogenous antioxidants in rat corpus striatum. <i>Brain Research</i> , <b>2000</b> , 858, 436-9	3.7	97
47	In vivo hydroxyl radical formation after quinolinic acid infusion into rat corpus striatum. <i>NeuroReport</i> , <b>2001</b> , 12, 2693-6	1.7	86
46	Corrigendum to Ablation of PGC1 beta prevents mTOR dependent endoplasmic reticulum stress response [Exp. Neurol. 237/2 (2012) 396-406]. <i>Experimental Neurology</i> , <b>2013</b> , 239, 101	5.7	78
45	Differential effects of the substrate inhibitor L-trans-pyrrolidine-2,4-dicarboxylate (PDC) and the non-substrate inhibitor DL-threo-beta-benzyloxyaspartate (DL-TBOA) of glutamate transporters on neuronal damage and extracellular amino acid levels in rat brain in vivo. <i>Neuroscience</i> , <b>2005</b> , 133, 667-78	3.9	56
44	Microglia activation due to obesity programs metabolic failure leading to type two diabetes. <i>Nutrition and Diabetes</i> , <b>2017</b> , 7, e254	4.7	47
43	PGC-1 $\beta$ negatively regulates extrasynaptic NMDAR activity and excitotoxicity. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 6995-7000	6.6	46
42	Anti-obesity effects of kaempferol by inhibiting adipogenesis and increasing lipolysis in 3T3-L1 cells. <i>Journal of Physiology and Biochemistry</i> , <b>2019</b> , 75, 83-88	5	32
41	Saturated lipids decrease mitofusin 2 leading to endoplasmic reticulum stress activation and insulin resistance in hypothalamic cells. <i>Brain Research</i> , <b>2015</b> , 1627, 80-9	3.7	31
40	Mesenchymal Stem Cells Subpopulations: Application for Orthopedic Regenerative Medicine. <i>Stem Cells International</i> , <b>2016</b> , 2016, 3187491	5	28
39	Maternal overnutrition by hypercaloric diets programs hypothalamic mitochondrial fusion and metabolic dysfunction in rat male offspring. <i>Nutrition and Metabolism</i> , <b>2018</b> , 15, 38	4.6	22
38	Central Modulation of Neuroinflammation by Neuropeptides and Energy-Sensing Hormones during Obesity. <i>BioMed Research International</i> , <b>2017</b> , 2017, 7949582	3	21
37	Maternal Flavonoids Intake Reverts Depression-Like Behaviour in Rat Female Offspring. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	20
36	Ablation of PGC1 beta prevents mTOR dependent endoplasmic reticulum stress response. <i>Experimental Neurology</i> , <b>2012</b> , 237, 396-406	5.7	19
35	Genetic obesity alters recruitment of TANK-binding kinase 1 and AKT into hypothalamic lipid rafts domains. <i>Neurochemistry International</i> , <b>2015</b> , 80, 23-32	4.4	18
34	Maternal Overnutrition Programs Central Inflammation and Addiction-Like Behavior in Offspring. <i>BioMed Research International</i> , <b>2018</b> , 2018, 8061389	3	18

33	Sustained metabolic inhibition induces an increase in the content and phosphorylation of the NR2B subunit of N-methyl-D-aspartate receptors and a decrease in glutamate transport in the rat hippocampus in vivo. <i>Neuroscience</i> , <b>2007</b> , 145, 873-86	3.9	17
32	The anion channel blocker, 4,4'-dinitrostilbene-2,2'-disulfonic acid prevents neuronal death and excitatory amino acid release during glycolysis inhibition in the hippocampus in vivo. <i>Neuroscience</i> , <b>2006</b> , 142, 1005-17	3.9	17
31	Obesogenic diet intake during pregnancy programs aberrant synaptic plasticity and addiction-like behavior to a palatable food in offspring. <i>Behavioural Brain Research</i> , <b>2017</b> , 330, 46-55	3.4	16
30	Peroxisome proliferator-activated receptor gamma-coactivator-1 alpha coordinates sphingolipid metabolism, lipid raft composition and myelin protein synthesis. <i>European Journal of Neuroscience</i> , <b>2013</b> , 38, 2672-83	3.5	14
29	Differential Expression of Adhesion-Related Proteins and MAPK Pathways Lead to Suitable Osteoblast Differentiation of Human Mesenchymal Stem Cells Subpopulations. <i>Stem Cells and Development</i> , <b>2015</b> , 24, 2577-90	4.4	12
28	Priming of Hypothalamic Ghrelin Signaling and Microglia Activation Exacerbate Feeding in Rats' Offspring Following Maternal Overnutrition. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	11
27	Inflammatory domains modulate autism spectrum disorder susceptibility during maternal nutritional programming. <i>Neurochemistry International</i> , <b>2019</b> , 126, 109-117	4.4	11
26	Effect on growth and osteoblast mineralization of hydroxyapatite-zirconia (HA-ZrO) obtained by a new low temperature system. <i>Biomedical Materials (Bristol)</i> , <b>2018</b> , 13, 035001	3.5	11
25	Fetal Programming by Methyl Donors Modulates Central Inflammation and Prevents Food Addiction-Like Behavior in Rats. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 452	5.1	7
24	Thymidylate synthase gene variants as predictors of clinical response and toxicity to fluoropyrimidine-based chemotherapy for colorectal cancer. <i>Drug Metabolism and Personalized Therapy</i> , <b>2017</b> , 32, 209-218	2	7
23	Comparison of specific expression profile in two hypoxia models. <i>Experimental and Therapeutic Medicine</i> , <b>2018</b> , 15, 4777-4784	2.1	7
22	Cerebellar granule neurons are more vulnerable to transient transport-mediated glutamate release than to glutamate uptake blockade. correlation with excitatory amino acids levels. <i>Neurochemical Research</i> , <b>2007</b> , 32, 423-32	4.6	6
21	A Bioactive Cartilage Graft of IGF1-Transduced Adipose Mesenchymal Stem Cells Embedded in an Alginate/Bovine Cartilage Matrix Tridimensional Scaffold. <i>Stem Cells International</i> , <b>2019</b> , 2019, 9792369	5	5
20	Neurodegenerative Susceptibility During Maternal Nutritional Programing: Are Central and Peripheral Innate Immune Training Relevant?. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 13	5.1	5
19	A Cellularized Biphasic Implant Based on a Bioactive Silk Fibroin Promotes Integration and Tissue Organization during Osteochondral Defect Repair in a Porcine Model. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	5
18	Cocaine-seeking behaviour is differentially expressed in male and female mice exposed to maternal separation and is associated with alterations in AMPA receptors subunits in the medial prefrontal cortex. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 109, 110262	5.5	4
17	Maternal cafeteria diet exposure primes depression-like behavior in the offspring evoking lower brain volume related to changes in synaptic terminals and gliosis. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 53	8.6	4
16	Current Applications of Mesenchymal Stem Cells for Cartilage Tissue Engineering <b>2017</b> ,		3

15	Modular organization of a hypocretin gene minimal promoter. <i>Molecular Medicine Reports</i> , <b>2018</b> , 17, 2263-2270	2.9	3
14	Quercetin-3-O-glucoside Improves Glucose Tolerance in Rats and Decreases Intestinal Sugar Uptake in Caco-2 Cells. <i>Natural Product Communications</i> , <b>2017</b> , 12, 1934578X1701201	0.9	3
13	Therapeutic Potential of Articular Cartilage Regeneration using Tissue Engineering Based on Multiphase Designs <b>2019</b> ,		2
12	Metabolic Flexibility Assists Reprograming of Central and Peripheral Innate Immunity During Neurodevelopment. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 703-718	6.2	2
11	Potential role of primed microglia during obesity on the mesocorticolimbic circuit in autism spectrum disorder. <i>Journal of Neurochemistry</i> , <b>2021</b> , 156, 415-434	6	2
10	Tyrphostin AG17 inhibits adipocyte differentiation in vivo and in vitro. <i>Lipids in Health and Disease</i> , <b>2018</b> , 17, 128	4.4	1
9	Breastfeeding Contributes to Physiological Immune Programming in the Newborn. <i>Frontiers in Pediatrics</i> , <b>2021</b> , 9, 744104	3.4	1
8	Maternal Sweeteners Intake During Gestation and Lactation Affects Learning and Memory in Rat Female Offspring. <i>Journal of Medicinal Food</i> , <b>2021</b> , 24, 833-840	2.8	1
7	Maternal Sweeteners Intake Modulates Gut Microbiota and Exacerbates Learning and Memory Processes in Adult Male Offspring.. <i>Frontiers in Pediatrics</i> , <b>2021</b> , 9, 746437	3.4	0
6	MCP-1 Signaling Disrupts Social Behavior by Modulating Brain Volumetric Changes and Microglia Morphology. <i>Molecular Neurobiology</i> , <b>2021</b> , 1	6.2	0
5	Metastatic TNBC is closely associated with a fused mitochondrial morphology and a glycolytic and lipogenic metabolism. <i>Biochemistry and Cell Biology</i> , <b>2021</b> , 99, 447-456	3.6	0
4	Sequential growth factor exposure of human Ad-MSCs improves chondrogenic differentiation in an osteochondral biphasic implant. <i>Experimental and Therapeutic Medicine</i> , <b>2021</b> , 22, 1282	2.1	0
3	Fornix volumetric increase and microglia morphology contribute to spatial and recognition-like memory decline in ageing male mice.. <i>NeuroImage</i> , <b>2022</b> , 119039	7.9	0
2	Fatty acid intake during perinatal periods <b>2021</b> , 135-154		
1	Glycolytic metabolism supports microglia training during age-related neurodegeneration.. <i>Pharmacological Reports</i> , <b>2022</b> , 1	3.9	