

# Marcio Alberto Torsoni

## List of Publications by Year in Descending Order

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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.

38 papers	948 citations	13 h-index	30 g-index
45 ext. papers	1,069 ext. citations	4.6 avg, IF	3.62 L-index

#	Paper	IF	Citations
38	Effect of acute swimming exercise at different intensities but equal total load over metabolic and molecular responses in swimming rats.. <i>Journal of Muscle Research and Cell Motility</i> , <b>2022</b> , 43, 35	3.5	1
37	Interesterified palm oil increases intestinal permeability, promotes bacterial translocation, alters inflammatory parameters and tight-junction protein genic expression in Swiss mice.. <i>Food Research International</i> , <b>2022</b> , 151, 110897	7	
36	Hepatic microRNA modulation might be an early event to non-alcoholic fatty liver disease development driven by high-fat diet in male mice.. <i>Molecular Biology Reports</i> , <b>2022</b> , 49, 2655	2.8	0
35	Hepatic Epigenetic Reprogramming After Liver Resection in Offspring Alleviates the Effects of Maternal Obesity.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 830009	5.7	
34	Obesity phenotype induced by high-fat diet leads to maternal-fetal constraint, placental inefficiency, and fetal growth restriction in mice.. <i>Journal of Nutritional Biochemistry</i> , <b>2022</b> , 108977	6.3	
33	Maternal resistance to diet-induced obesity partially protects newborn and post-weaning male mice offspring from metabolic disturbances. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2021</b> , 12, 660-670	2.4	2
32	Low-Dose Coconut Oil Supplementation Induces Hypothalamic Inflammation, Behavioral Dysfunction, and Metabolic Damage in Healthy Mice. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2000943	5.9	1
31	Time-restricted feeding combined with aerobic exercise training can prevent weight gain and improve metabolic disorders in mice fed a high-fat diet. <i>Journal of Physiology</i> , <b>2021</b> ,	3.9	2
30	Early life nicotine exposure alters mRNA and microRNA expressions related to thyroid function and lipid metabolism in liver and BAT of adult wistar rats. <i>Molecular and Cellular Endocrinology</i> , <b>2021</b> , 523, 111141	4.4	4
29	Beet ( L.) stalk and leaf supplementation changes the glucose homeostasis and inflammatory markers in the liver of mice exposed to a high-fat diet.. <i>Food Chemistry Molecular Sciences</i> , <b>2021</b> , 2, 100018	1	
28	Omega-3 Supplementation Prevents Short-Term High-Fat Diet Effects on the 7 Nicotinic Cholinergic Receptor Expression and Inflammatory Response. <i>Mediators of Inflammation</i> , <b>2021</b> , 2021, 5526940	4.3	2
27	Maternal high-fat diet consumption programs male offspring to mitigate complications in liver regeneration. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2021</b> , 1-8	2.4	1
26	Dietary Patterns Associated to Clinical Aspects in Crohn's Disease Patients. <i>Scientific Reports</i> , <b>2020</b> , 10, 7033	4.9	9
25	Maternal high-fat diet stimulates proinflammatory pathway and increases the expression of Tryptophan Hydroxylase 2 (TPH2) and brain-derived neurotrophic factor (BDNF) in adolescent mice hippocampus. <i>Neurochemistry International</i> , <b>2020</b> , 139, 104781	4.4	8
24	Modulation of hypothalamic S6K1 and S6K2 alters feeding behavior and systemic glucose metabolism. <i>Journal of Endocrinology</i> , <b>2020</b> , 244, 71-82	4.7	3
23	Acute effects of fatty acids on autophagy in NPY neurones. <i>Journal of Neuroendocrinology</i> , <b>2020</b> , 32, e12900	3.8	8
22	Interesterified palm oil impairs glucose homeostasis and induces deleterious effects in liver of Swiss mice. <i>Metabolism: Clinical and Experimental</i> , <b>2020</b> , 112, 154350	12.7	3

21	Alterations of the expression levels of CPT-1, SCD1, TRE1 and related microRNAs are involved in lipid metabolism impairment in adult rats caused by maternal coconut oil intake during breastfeeding. <i>Journal of Functional Foods</i> , <b>2019</b> , 63, 103577	5.1	3
20	Short-Term High-Fat Diet Consumption Reduces Hypothalamic Expression of the Nicotinic Acetylcholine Receptor $\alpha$ Subunit ( $\alpha$ nAChR) and Affects the Anti-inflammatory Response in a Mouse Model of Sepsis. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 565	8.4	8
19	JAK2/STAT3 Pathway is Required for $\alpha$ nAChR-Dependent Expression of POMC and AGRP Neuropeptides in Male Mice. <i>Cellular Physiology and Biochemistry</i> , <b>2019</b> , 53, 701-712	3.9	10
18	Interesterified soybean oil promotes weight gain, impaired glucose tolerance and increased liver cellular stress markers. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 59, 153-159	6.3	8
17	Maternal Consumption of High-fat Diet in Mice Alters Hypothalamic Notch Pathway, NPY Cell Population and Food Intake in Offspring. <i>Neuroscience</i> , <b>2018</b> , 371, 1-15	3.9	19
16	Lipid overload during gestation and lactation can independently alter lipid homeostasis in offspring and promote metabolic impairment after new challenge to high-fat diet. <i>Nutrition and Metabolism</i> , <b>2017</b> , 14, 16	4.6	32
15	Obesogenic Programming of Foetal Hepatic Metabolism by microRNAs <b>2017</b> , 199-211		
14	High-fat diet during pregnancy and lactation impairs the cholinergic anti-inflammatory pathway in the liver and white adipose tissue of mouse offspring. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 422, 192-202	4.4	20
13	Diet-Induced Maternal Obesity Alters Insulin Signalling in Male Mice Offspring Rechallenged with a High-Fat Diet in Adulthood. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160184	3.7	29
12	Increased expression of Hes5 protein in Notch signaling pathway in the hippocampus of mice offspring of dams fed a high-fat diet during pregnancy and suckling. <i>International Journal of Developmental Neuroscience</i> , <b>2015</b> , 40, 35-42	2.7	16
11	Hypothalamic endoplasmic reticulum stress and insulin resistance in offspring of mice dams fed high-fat diet during pregnancy and lactation. <i>Metabolism: Clinical and Experimental</i> , <b>2014</b> , 63, 682-92	12.7	46
10	Maternal high-fat diet consumption modulates hepatic lipid metabolism and microRNA-122 (miR-122) and microRNA-370 (miR-370) expression in offspring. <i>British Journal of Nutrition</i> , <b>2014</b> , 111, 2112-22	3.6	105
9	Hypothalamic AMPK activation blocks lipopolysaccharide inhibition of glucose production in mice liver. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 381, 88-96	4.4	11
8	Hypothalamic inhibition of acetyl-CoA carboxylase stimulates hepatic counter-regulatory response independent of AMPK activation in rats. <i>PLoS ONE</i> , <b>2013</b> , 8, e62669	3.7	12
7	Maternal high-fat feeding through pregnancy and lactation predisposes mouse offspring to molecular insulin resistance and fatty liver. <i>Journal of Nutritional Biochemistry</i> , <b>2012</b> , 23, 341-8	6.3	137
6	Inhibition of hypothalamic inflammation reverses diet-induced insulin resistance in the liver. <i>Diabetes</i> , <b>2012</b> , 61, 1455-62	0.9	164
5	Solidago chilensis Meyen hydroalcoholic extract reduces JNK/ $\text{I}\kappa\text{B}$ pathway activation and ameliorates insulin resistance in diet-induced obesity mice. <i>Experimental Biology and Medicine</i> , <b>2011</b> , 236, 1147-55	3.7	9
4	Central leptin action improves skeletal muscle AKT, AMPK, and PGC1 $\alpha$ activation by hypothalamic PI3K-dependent mechanism. <i>Molecular and Cellular Endocrinology</i> , <b>2010</b> , 314, 62-9	4.4	59

- 3 Citrate diminishes hypothalamic acetyl-CoA carboxylase phosphorylation and modulates satiety signals and hepatic mechanisms involved in glucose homeostasis in rats. *Life Sciences*, **2008**, 82, 1262-71 <sup>6.8</sup> 24
- 2 Intracerebroventricular injection of citrate inhibits hypothalamic AMPK and modulates feeding behavior and peripheral insulin signaling. *Journal of Endocrinology*, **2008**, 198, 157-68 4.7 36
- 1 Western diet modulates insulin signaling, c-Jun N-terminal kinase activity, and insulin receptor substrate-1ser307 phosphorylation in a tissue-specific fashion. *Endocrinology*, **2005**, 146, 1576-87 4.8 154