

Marcio Alberto Torsoni

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.

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	Inhibition of hypothalamic inflammation reverses diet-induced insulin resistance in the liver. <i>Diabetes</i> , 2012 , 61, 1455-62	0.9	164
37	Western diet modulates insulin signaling, c-Jun N-terminal kinase activity, and insulin receptor substrate-1ser307 phosphorylation in a tissue-specific fashion. <i>Endocrinology</i> , 2005 , 146, 1576-87	4.8	154
36	Maternal high-fat feeding through pregnancy and lactation predisposes mouse offspring to molecular insulin resistance and fatty liver. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 341-8	6.3	137
35	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> , 2014 , 111, 2112-22	3.6	105
34	Central leptin action improves skeletal muscle AKT, AMPK, and PGC1 alpha activation by hypothalamic PI3K-dependent mechanism. <i>Molecular and Cellular Endocrinology</i> , 2010 , 314, 62-9	4.4	59
33	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> , 2014 , 63, 682-92	12.7	46
32	Intracerebroventricular injection of citrate inhibits hypothalamic AMPK and modulates feeding behavior and peripheral insulin signaling. <i>Journal of Endocrinology</i> , 2008 , 198, 157-68	4.7	36
31	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> , 2017 , 14, 16	4.6	32
30	Diet-Induced Maternal Obesity Alters Insulin Signalling in Male Mice Offspring Rechallenged with a High-Fat Diet in Adulthood. <i>PLoS ONE</i> , 2016 , 11, e0160184	3.7	29
29	Citrate diminishes hypothalamic acetyl-CoA carboxylase phosphorylation and modulates satiety signals and hepatic mechanisms involved in glucose homeostasis in rats. <i>Life Sciences</i> , 2008 , 82, 1262-71	6.8	24
28	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> , 2016 , 422, 192-202	4.4	20
27	Maternal Consumption of High-fat Diet in Mice Alters Hypothalamic Notch Pathway, NPY Cell Population and Food Intake in Offspring. <i>Neuroscience</i> , 2018 , 371, 1-15	3.9	19
26	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> , 2015 , 40, 35-42	2.7	16
25	Hypothalamic inhibition of acetyl-CoA carboxylase stimulates hepatic counter-regulatory response independent of AMPK activation in rats. <i>PLoS ONE</i> , 2013 , 8, e62669	3.7	12
24	Hypothalamic AMPK activation blocks lipopolysaccharide inhibition of glucose production in mice liver. <i>Molecular and Cellular Endocrinology</i> , 2013 , 381, 88-96	4.4	11
23	JAK2/STAT3 Pathway is Required for ̢nAChR-Dependent Expression of POMC and AGRP Neuropeptides in Male Mice. <i>Cellular Physiology and Biochemistry</i> , 2019 , 53, 701-712	3.9	10
22	Dietary Patterns Associated to Clinical Aspects in Crohn's Disease Patients. <i>Scientific Reports</i> , 2020 , 10, 7033	4.9	9

21	Solidago chilensis Meyen hydroalcoholic extract reduces JNK/IB pathway activation and ameliorates insulin resistance in diet-induced obesity mice. <i>Experimental Biology and Medicine</i> , 2011 , 236, 1147-55	3.7	9
20	Short-Term High-Fat Diet Consumption Reduces Hypothalamic Expression of the Nicotinic Acetylcholine Receptor α Subunit (α nAChR) and Affects the Anti-inflammatory Response in a Mouse Model of Sepsis. <i>Frontiers in Immunology</i> , 2019 , 10, 565	8.4	8
19	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> , 2020 , 139, 104781	4.4	8
18	Interesterified soybean oil promotes weight gain, impaired glucose tolerance and increased liver cellular stress markers. <i>Journal of Nutritional Biochemistry</i> , 2018 , 59, 153-159	6.3	8
17	Acute effects of fatty acids on autophagy in NPY neurones. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12900	3.8	8
16	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> , 2021 , 523, 111141	4.4	4
15	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> , 2019 , 63, 103577	5.1	3
14	Modulation of hypothalamic S6K1 and S6K2 alters feeding behavior and systemic glucose metabolism. <i>Journal of Endocrinology</i> , 2020 , 244, 71-82	4.7	3
13	Interesterified palm oil impairs glucose homeostasis and induces deleterious effects in liver of Swiss mice. <i>Metabolism: Clinical and Experimental</i> , 2020 , 112, 154350	12.7	3
12	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> , 2021 , 12, 660-670	2.4	2
11	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> , 2021 ,	3.9	2
10	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> , 2021 , 2021, 5526940	4.3	2
9	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> , 2022 , 43, 35	3.5	1
8	Low-Dose Coconut Oil Supplementation Induces Hypothalamic Inflammation, Behavioral Dysfunction, and Metabolic Damage in Healthy Mice. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000943	5.9	1
7	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> , 2021 , 2, 100018	1.8	1
6	Maternal high-fat diet consumption programs male offspring to mitigate complications in liver regeneration. <i>Journal of Developmental Origins of Health and Disease</i> , 2021 , 1-8	2.4	1
5	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> , 2022 , 49, 2655	2.8	0
4	Obesogenic Programming of Foetal Hepatic Metabolism by microRNAs 2017 , 199-211		

- 3 Interesterified palm oil increases intestinal permeability, promotes bacterial translocation, alters inflammatory parameters and tight-junction protein gene expression in Swiss mice.. *Food Research International*, **2022**, 151, 110897 7
- 2 Hepatic Epigenetic Reprogramming After Liver Resection in Offspring Alleviates the Effects of Maternal Obesity.. *Frontiers in Cell and Developmental Biology*, **2022**, 10, 830009 5.7
- 1 Obesity phenotype induced by high-fat diet leads to maternal-fetal constraint, placental inefficiency, and fetal growth restriction in mice.. *Journal of Nutritional Biochemistry*, **2022**, 108977 6.3