Marcio Alberto Torsoni

List of Publications by Year
in descending order

45 papers	1,218 citations	471371 17 h-index	377752 34 g-index
45 all docs	45 docs citations	45 times ranked	1899 citing authors

#	Article	IF	Citations
1	Inhibition of Hypothalamic Inflammation Reverses Diet-Induced Insulin Resistance in the Liver. Diabetes, 2012, 61, 1455-1462.	0.3	185
2	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, 1576-1587.	1.4	173
3	Maternal high-fat feeding through pregnancy and lactation predisposes mouse offspring to molecular insulin resistance and fatty liver. Journal of Nutritional Biochemistry, 2012, 23, 341-348.	1.9	156
4	Maternal high-fat diet consumption modulates hepatic lipid metabolism and microRNA-122 (miR-122) and microRNA-370 (miR-370) expression in offspring. British Journal of Nutrition, 2014, 111, 2112-2122.	1.2	130
5	Central leptin action improves skeletal muscle AKT, AMPK, and PGC1Î± activation by hypothalamic PI3K-dependent mechanism. Molecular and Cellular Endocrinology, 2010, 314, 62-69.	1.6	65
6	Hypothalamic endoplasmic reticulum stress and insulin resistance in offspring of mice dams fed high-fat diet during pregnancy and lactation. Metabolism: Clinical and Experimental, 2014, 63, 682-692.	1.5	58
7	Lipid overload during gestation and lactation can independently alter lipid homeostasis in offspring and promote metabolic impairment after new challenge to high-fat diet. Nutrition and Metabolism, 2017, 14, 16.	1.3	39
8	Intracerebroventricular injection of citrate inhibits hypothalamic AMPK and modulates feeding behavior and peripheral insulin signaling. Journal of Endocrinology, 2008, 198, 157-168.	1.2	38
9	Maternal Consumption of High-fat Diet in Mice Alters Hypothalamic Notch Pathway, NPY Cell Population and Food Intake in Offspring. Neuroscience, 2018, 371, 1-15.	1.1	35
10	Diet-Induced Maternal Obesity Alters Insulin Signalling in Male Mice Offspring Rechallenged with a High-Fat Diet in Adulthood. PLoS ONE, 2016, 11, e0160184.	1.1	34
11	High-fat diet during pregnancy and lactation impairs the cholinergic anti-inflammatory pathway in the liver and white adipose tissue of mouse offspring. Molecular and Cellular Endocrinology, 2016, 422, 192-202.	1.6	28
12	Citrate diminishes hypothalamic acetyl-CoA carboxylase phosphorylation and modulates satiety signals and hepatic mechanisms involved in glucose homeostasis in rats. Life Sciences, 2008, 82, 1262-1271.	2.0	27
13	Increased expression of Hes5 protein in Notch signaling pathway in the hippocampus of mice offspring of dams fed a highâ€fat diet during pregnancy and suckling. International Journal of Developmental Neuroscience, 2015, 40, 35-42.	0.7	21
14	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. Neurochemistry International, 2020, 139, 104781.	1.9	21
15	Short-Term High-Fat Diet Consumption Reduces Hypothalamic Expression of the Nicotinic Acetylcholine Receptor Î±7 Subunit (Î±7nAChR) and Affects the Anti-inflammatory Response in a Mouse Model of Sepsis. Frontiers in Immunology, 2019, 10, 565.	2.2	20
16	Timeâ€restricted feeding combined with aerobic exercise training can prevent weight gain and improve metabolic disorders in mice fed a highâ€fat diet. Journal of Physiology, 2022, 600, 797-813.	1.3	19
17	JAK2/STAT3 Pathway is Required for Î±7nAChR-Dependent Expression of POMC and AGRP Neuropeptides in Male Mice. Cellular Physiology and Biochemistry, 2019, 53, 701-712.	1.1	18
18	Hypothalamic AMPK activation blocks lipopolysaccharide inhibition of glucose production in mice liver. Molecular and Cellular Endocrinology, 2013, 381, 88-96.	1.6	15

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19	Acute effects of fatty acids on autophagy in NPY neurones. Journal of Neuroendocrinology, 2020, 32, e12900.	1.2	15
20	Hypothalamic Inhibition of Acetyl-CoA Carboxylase Stimulates Hepatic Counter-Regulatory Response Independent of AMPK Activation in Rats. PLoS ONE, 2013, 8, e62669.	1.1	15
21	Solidago chilensis Meyen hydroalcoholic extract reduces JNK/IÎ°B pathway activation and ameliorates insulin resistance in diet-induced obesity mice. Experimental Biology and Medicine, 2011, 236, 1147-1155.	1.1	11
22	Dietary Patterns Associated to Clinical Aspects in Crohnâ€™s Disease Patients. Scientific Reports, 2020, 10, 7033.	1.6	11
23	Interesterified soybean oil promotes weight gain, impaired glucose tolerance and increased liver cellular stress markers. Journal of Nutritional Biochemistry, 2018, 59, 153-159.	1.9	10
24	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, 104, 108977.	1.9	9
25	Early life nicotine exposure alters mRNA and microRNA expressions related to thyroid function and lipid metabolism in liver and BAT of adult wistar rats. Molecular and Cellular Endocrinology, 2021, 523, 111141.	1.6	8
26	Lowâ€Dose Coconut Oil Supplementation Induces Hypothalamic Inflammation, Behavioral Dysfunction, and Metabolic Damage in Healthy Mice. Molecular Nutrition and Food Research, 2021, 65, 2000943.	1.5	8
27	Modulation of hypothalamic S6K1 and S6K2 alters feeding behavior and systemic glucose metabolism. Journal of Endocrinology, 2020, 244, 71-82.	1.2	7
28	Interesterified palm oil impairs glucose homeostasis and induces deleterious effects in liver of Swiss mice. Metabolism: Clinical and Experimental, 2020, 112, 154350.	1.5	6
29	Maternal resistance to diet-induced obesity partially protects newborn and post-weaning male mice offspring from metabolic disturbances. Journal of Developmental Origins of Health and Disease, 2021, 12, 660-670.	0.7	5
30	Omega-3 Supplementation Prevents Short-Term High-Fat Diet Effects on the Î±7 Nicotinic Cholinergic Receptor Expression and Inflammatory Response. Mediators of Inflammation, 2021, 2021, 1-13.	1.4	5
31	Effect of acute swimming exercise at different intensities but equal total load over metabolic and molecular responses in swimming rats. Journal of Muscle Research and Cell Motility, 2022, 43, 35-44.	0.9	5
32	Activation of the Î±7 Nicotinic Acetylcholine Receptor Prevents against Microglial-Induced Inflammation and Insulin Resistance in Hypothalamic Neuronal Cells. Cells, 2022, 11, 2195.	1.8	4
33	Alterations of the expression levels of CPT-1, SCD1, TRÎ²-1 and related microRNAs are involved in lipid metabolism impairment in adult rats caused by maternal coconut oil intake during breastfeeding. Journal of Functional Foods, 2019, 63, 103577.	1.6	3
34	Beet (Beta vulgaris L.) stalk and leaf supplementation changes the glucose homeostasis and inflammatory markers in the liver of mice exposed to a high-fat diet. Food Chemistry Molecular Sciences, 2021, 2, 100018.	0.9	3
35	Maternal high-fat diet consumption programs male offspring to mitigate complications in liver regeneration. Journal of Developmental Origins of Health and Disease, 2022, 13, 575-582.	0.7	3
36	Interesterified palm oil increases intestinal permeability, promotes bacterial translocation, alters inflammatory parameters and tight-junction protein genic expression in Swiss mice. Food Research International, 2022, 151, 110897.	2.9	2

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37	Hepatic microRNA modulation might be an early event to non-alcoholic fatty liver disease development driven by high-fat diet in male mice. Molecular Biology Reports, 2022, 49, 2655.	1.0	2
38	Hepatic Epigenetic Reprogramming After Liver Resection in Offspring Alleviates the Effects of Maternal Obesity. Frontiers in Cell and Developmental Biology, 2022, 10, 830009.	1.8	2
39	TNFÎ±-Induced Oxidative Stress and Mitochondrial Dysfunction Alter Hypothalamic Neurogenesis and Promote Appetite Versus Satiety Neuropeptide Expression in Mice. Brain Sciences, 2022, 12, 900.	1.1	2
40	Obesogenic Programming of Foetal Hepatic Metabolism by microRNAs. , 2017, , 199-211.		0
41	The hypothalamic inflammation on a mice model of sepsis induced by cecal ligation puncture (CLP) procedure after the consumption of a short-term high-fat diet. , 0, , .		0
42	Prevention of inflammatory damage in hypothalamus by supplementation with w3 fatty acid in a sepsis model: the role of the cholinergic receptor. , 0, , .		0
43	InfluÃªncia do estado nutricional materno e ganho de peso na gestaÃ§Ã£o sobre o desfecho fetal. , 0, , .		0
44	Prevention of damage to the cholinergic pathway in bone marrow cells after short-term exposure to high fat diet: the effect of supplementation with omega-3 fatty acid (EPA and DHA). , 0, , .		0
45	Evaluation of metabolic parameters and lipid profile in white adipose tissue of animals submitted to interesterified enriched diet. , 0, , .		0