Raffaella Mastrocola

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2444472/publications.pdf

Version: 2024-02-01

42	2,447	201385	253896
papers	citations	27 h-index	43 g-index

44	44	44	4046
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Altered hepatic sphingolipid metabolism in insulin resistant mice: Role of advanced glycation endproducts. Free Radical Biology and Medicine, 2021, 169, 425-435.	1.3	12
2	Deletion of RAGE fails to prevent hepatosteatosis in obese mice due to impairment of other AGEs receptors and detoxifying systems. Scientific Reports, 2021, 11, 17373.	1.6	6
3	Advanced glycation end products and chronic inflammation in adult survivors of childhood leukemia treated with hematopoietic stem cell transplantation. Pediatric Blood and Cancer, 2020, 67, e28106.	0.8	10
4	Effects of Exogenous Dietary Advanced Glycation End Products on the Cross-Talk Mechanisms Linking Microbiota to Metabolic Inflammation. Nutrients, 2020, 12, 2497.	1.7	40
5	Baricitinib counteracts metaflammation, thus protecting against diet-induced metabolic abnormalities in mice. Molecular Metabolism, 2020, 39, 101009.	3.0	23
6	KRIT1 Deficiency Promotes Aortic Endothelial Dysfunction. International Journal of Molecular Sciences, 2019, 20, 4930.	1.8	24
7	Fructose liquid and solid formulations differently affect gut integrity, microbiota composition and related liver toxicity: a comparative in vivo study. Journal of Nutritional Biochemistry, 2018, 55, 185-199.	1.9	53
8	Reduced Susceptibility to Sugar-Induced Metabolic Derangements and Impairments of Myocardial Redox Signaling in Mice Chronically Fed with D-Tagatose when Compared to Fructose. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-11.	1.9	9
9	Reversal of albuminuria by combined AM6545 and perindopril therapy in experimental diabetic nephropathy. British Journal of Pharmacology, 2018, 175, 4371-4385.	2.7	22
10	MicroRNA and Microvascular Complications of Diabetes. International Journal of Endocrinology, 2018, 2018, 1-20.	0.6	55
11	Effects of vitamin D on insulin resistance and myosteatosis in diet-induced obese mice. PLoS ONE, 2018, 13, e0189707.	1.1	69
12	Effects of chronic sugar consumption on lipid accumulation and autophagy in the skeletal muscle. European Journal of Nutrition, 2017, 56, 363-373.	4.6	23
13	Chronic administration of saturated fats and fructose differently affect SREBP activity resulting in different modulation of Nrf2 and Nlrp3 inflammasome pathways in mice liver. Journal of Nutritional Biochemistry, 2017, 42, 160-171.	1.9	38
14	Heat Shock Proteins in Vascular Diabetic Complications: Review and Future Perspective. International Journal of Molecular Sciences, 2017, 18, 2709.	1.8	50
15	Protective Effects of Pyridoxamine Supplementation in the Early Stages of Diet-Induced Kidney Dysfunction. BioMed Research International, 2017, 2017, 1-12.	0.9	13
16	AGEs and neurodegeneration: the Nrf2/glyoxalase-1 interaction. Oncotarget, 2017, 8, 5645-5646.	0.8	14
17	Dietary Sugars and Endogenous Formation of Advanced Glycation Endproducts: Emerging Mechanisms of Disease. Nutrients, 2017, 9, 385.	1.7	153
18	Pharmacological Inhibition of NLRP3 Inflammasome Attenuates Myocardial Ischemia/Reperfusion Injury by Activation of RISK and Mitochondrial Pathways. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11.	1.9	97

#	Article	IF	Citations
19	Maladaptive Modulations of NLRP3 Inflammasome and Cardioprotective Pathways Are Involved in Diet-Induced Exacerbation of Myocardial Ischemia/Reperfusion Injury in Mice. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12.	1.9	42
20	Empagliflozin Protects against Diet-Induced NLRP-3 Inflammasome Activation and Lipid Accumulation. Journal of Pharmacology and Experimental Therapeutics, 2016, 359, 45-53.	1.3	60
21	Doseâ€dependency of clonidine's effects in ascitic cirrhotic rats: comparison with Î±1â€adrenergic agonist midodrine. Liver International, 2016, 36, 205-211.	1.9	4
22	Fructose-derived advanced glycation end-products drive lipogenesis and skeletal muscle reprogramming via SREBP-1c dysregulation in mice. Free Radical Biology and Medicine, 2016, 91, 224-235.	1.3	52
23	High-fructose intake as risk factor for neurodegeneration: Key role for carboxy methyllysine accumulation in mice hippocampal neurons. Neurobiology of Disease, 2016, 89, 65-75.	2.1	49
24	Targeting the NLRP3 inflammasome to Reduce Diet-induced Metabolic Abnormalities in Mice. Molecular Medicine, 2015, 21, 1025-1037.	1.9	47
25	Accumulation of Advanced Glycation End-Products and Activation of the SCAP/SREBP Lipogenetic Pathway Occur in Diet-Induced Obese Mouse Skeletal Muscle. PLoS ONE, 2015, 10, e0119587.	1.1	52
26	Variability in Myosteatosis and Insulin Resistance Induced by High-Fat Diet in Mouse Skeletal Muscles. BioMed Research International, 2014, 2014, 1-10.	0.9	21
27	Reversal of the deleterious effects of chronic dietary HFCS-55 intake by PPAR-Î´ agonism correlates with impaired NLRP3 inflammasome activation. Biochemical Pharmacology, 2013, 85, 257-264.	2.0	47
28	High Sugar Intake and Development of Skeletal Muscle Insulin Resistance and Inflammation in Mice: A Protective Role for PPAR-Î´Agonism. Mediators of Inflammation, 2013, 2013, 1-12.	1.4	37
29	Advanced glycation end products promote hepatosteatosis by interfering with SCAP-SREBP pathway in fructose-drinking mice. American Journal of Physiology - Renal Physiology, 2013, 305, G398-G407.	1.6	49
30	Obestatin induced recovery of myocardial dysfunction in type 1 diabetic rats: underlying mechanisms. Cardiovascular Diabetology, 2012, 11, 129.	2.7	48
31	Hippocampal heat shock protein 25 expression in streptozotocin-induced diabetic mice. Neuroscience, 2012, 227, 154-162.	1.1	12
32	Dysregulation of SREBP2 induces BACE1 expression. Neurobiology of Disease, 2011, 44, 116-124.	2.1	19
33	Cannabinoid Receptor 1 Blockade Ameliorates Albuminuria in Experimental Diabetic Nephropathy. Diabetes, 2010, 59, 1046-1054.	0.3	130
34	Muscle wasting in diabetic and in tumor-bearing rats: Role of oxidative stress. Free Radical Biology and Medicine, 2008, 44, 584-593.	1.3	94
35	Modulations of the calcineurin/NF-AT pathway in skeletal muscle atrophy. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 1028-1036.	1.1	9
36	Oxidative Stress-Dependent Impairment of Cardiac-Specific Transcription Factors in Experimental Diabetes. Endocrinology, 2006, 147, 5967-5974.	1.4	109

#	Article	IF	Citations
37	Modulation of the oxidative stress and inflammatory response by PPAR-Î³ agonists in the hippocampus of rats exposed to cerebral ischemia/reperfusion. European Journal of Pharmacology, 2006, 530, 70-80.	1.7	274
38	Up-Regulation of Advanced Glycated Products Receptors in the Brain of Diabetic Rats Is Prevented by Antioxidant Treatment. Endocrinology, 2005, 146, 5561-5567.	1.4	57
39	Oxidative and nitrosative stress in brain mitochondria of diabetic rats. Journal of Endocrinology, 2005, 187, 37-44.	1.2	228
40	Oxidative Stress Impairs Skeletal Muscle Repair in Diabetic Rats. Diabetes, 2004, 53, 1082-1088.	0.3	151
41	Pro-oxidant effect of dehydroepiandrosterone in rats is mediated by PPAR activation. Life Sciences, 2003, 73, 289-299.	2.0	39
42	Dehydroepiandrosterone Modulates Nuclear Factor-ÎºB Activation in Hippocampus of Diabetic Rats. Endocrinology, 2002, 143, 3250-3258.	1.4	72