Carla Iacobini

List of Publications by Year
in descending order

33 papers	1,897 citations	257450 24 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	3176 citing authors

#	Article	IF	Citations
1	Metabolically healthy versus metabolically unhealthy obesity. Metabolism: Clinical and Experimental, 2019, 92, 51-60.	3.4	251
2	The dark and bright side of atherosclerotic calcification. Atherosclerosis, 2015, 238, 220-230.	0.8	147
3	Galectin-3 ablation protects mice from diet-induced NASH: A major scavenging role for galectin-3 in liver. Journal of Hepatology, 2011, 54, 975-983.	3.7	127
4	The galectin-3/RAGE dyad modulates vascular osteogenesis in atherosclerosis. Cardiovascular Research, 2013, 100, 472-480.	3.8	106
5	The purinergic 2X₇receptor participates in renal inflammation and injury induced by high-fat diet: possible role of NLRP3 inflammasome activation. Journal of Pathology, 2013, 231, 342-353.	4.5	99
6	Galectin-3: an emerging all-out player in metabolic disorders and their complications. Glycobiology, 2015, 25, 136-150.	2.5	94
7	Galectinâ€3/AGEâ€receptor 3 knockout mice show accelerated AGEâ€induced glomerular injury: evidence for a protective role of galectinâ€3 as an AGE receptor. FASEB Journal, 2004, 18, 1773-1775.	0.5	93
8	Role of galectin-3 as a receptor for advanced glycosylation end products. Kidney International, 2000, 58, S31-S39.	5.2	88
9	Accelerated Lipid-Induced Atherogenesis in Galectin-3-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 831-836.	2.4	85
10	Role of Galectin-3 in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2003, 14, S264-S270.	6.1	84
11	Dâ€carnosine octylester attenuates atherosclerosis and renal disease in ApoE null mice fed a Western diet through reduction of carbonyl stress and inflammation. British Journal of Pharmacology, 2012, 166, 1344-1356.	5.4	72
12	Advanced lipoxidation endâ€products mediate lipidâ€induced glomerular injury: role of receptorâ€mediated mechanisms. Journal of Pathology, 2009, 218, 360-369.	4.5	64
13	Role of Galectin-3 in Obesity and Impaired Glucose Homeostasis. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-7.	4.0	61
14	Diabetic Complications and Oxidative Stress: A 20-Year Voyage Back in Time and Back to the Future. Antioxidants, 2021, 10, 727.	5.1	60
15	Protection from diabetes-induced atherosclerosis and renal disease by d-carnosine-octylester: effects of early vs late inhibition of advanced glycation end-products in Apoe-null mice. Diabetologia, 2015, 58, 845-853.	6.3	59
16	The Inflammasome in Chronic Complications of Diabetes and Related Metabolic Disorders. Cells, 2020, 9, 1812.	4.1	47
17	The advanced glycation endâ€product <i>N</i>^{Ïµ}â€carboxymethyllysine promotes progression of pancreatic cancer: implications for diabetesâ€associated risk and its prevention. Journal of Pathology, 2018, 245, 197-208.	4.5	43
18	Diabetes and Pancreatic Cancerâ€"A Dangerous Liaison Relying on Carbonyl Stress. Cancers, 2021, 13, 313.	3.7	35

#	Article	IF	Citations
19	FLâ€926â€16, a novel bioavailable carnosinaseâ€resistant carnosine derivative, prevents onset and stops progression of diabetic nephropathy in <i>db</i>/<i>db</i> mice. British Journal of Pharmacology, 2018, 175, 53-66.	5.4	32
20	Volume-dependent effect of supervised exercise training on fatty liver and visceral adiposity index in subjects with type 2 diabetes The Italian Diabetes Exercise Study (IDES). Diabetes Research and Clinical Practice, 2015, 109, 355-363.	2.8	31
21	Role of Galectin-3 in Bone Cell Differentiation, Bone Pathophysiology and Vascular Osteogenesis. International Journal of Molecular Sciences, 2017, 18, 2481.	4.1	31
22	Galectin-3 is essential for proper bone cell differentiation and activity, bone remodeling and biomechanical competence in mice. Metabolism: Clinical and Experimental, 2018, 83, 149-158.	3.4	27
23	L-carnosine and its Derivatives as New Therapeutic Agents for the Prevention and Treatment of Vascular Complications of Diabetes. Current Medicinal Chemistry, 2020, 27, 1744-1763.	2.4	26
24	Increased retinal endothelial cell monolayer permeability induced by the diabetic milieu: role of advanced non-enzymatic glycation and polyol pathway activation. Diabetes/Metabolism Research and Reviews, 2001, 17, 448-458.	4.0	25
25	Deficiency of the Purinergic Receptor 2X₇ Attenuates Nonalcoholic Steatohepatitis Induced by High-Fat Diet: Possible Role of the NLRP3 Inflammasome. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	4.0	23
26	Diabetes promotes invasive pancreatic cancer by increasing systemic and tumour carbonyl stress in KrasG12D/+ mice. Journal of Experimental and Clinical Cancer Research, 2020, 39, 152.	8.6	15
27	Relationships of Changes in Physical Activity and Sedentary Behavior With Changes in Physical Fitness and Cardiometabolic Risk Profile in Individuals With Type 2 Diabetes: The Italian Diabetes and Exercise Study 2 (IDES_2). Diabetes Care, 2022, 45, 213-221.	8.6	15
28	Food-Related Carbonyl Stress in Cardiometabolic and Cancer Risk Linked to Unhealthy Modern Diet. Nutrients, 2022, 14, 1061.	4.1	13
29	A bioluminescent mouse model of proliferation to highlight early stages of pancreatic cancer: A suitable tool for preclinical studies. Annals of Anatomy, 2016, 207, 2-8.	1.9	12
30	Normalizing HIF-1Î± Signaling Improves Cellular Glucose Metabolism and Blocks the Pathological Pathways of Hyperglycemic Damage. Biomedicines, 2021, 9, 1139.	3.2	12
31	Correlates of Calcaneal Quantitative Ultrasound Parameters in Patients with Diabetes: The Study on the Assessment of Determinants of Muscle and Bone Strength Abnormalities in Diabetes. Journal of Diabetes Research, 2017, 2017, 1-12.	2.3	7
32	Dietary interventions to contrast the onset and progression of diabetic nephropathy: A critical survey of new data. Critical Reviews in Food Science and Nutrition, 2018, 58, 1671-1680.	10.3	7
33	Galectin-3 gene deletion results in defective adipose tissue maturation and impaired insulin sensitivity and glucose homeostasis. Scientific Reports, 2020, 10, 20070.	3.3	6