

Stefano Menini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1114377/publications.pdf>

Version: 2024-02-01

69
papers

4,176
citations

71102

41
h-index

114465

63
g-index

71
all docs

71
docs citations

71
times ranked

6423
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolically healthy versus metabolically unhealthy obesity. <i>Metabolism: Clinical and Experimental</i> , 2019, 92, 51-60.	3.4	251
2	Brassica carinata as an alternative oil crop for the production of biodiesel in Italy: agronomic evaluation, fuel production by transesterification and characterization. <i>Biomass and Bioenergy</i> , 2003, 25, 623-636.	5.7	241
3	Deletion of p66Shc Longevity Gene Protects Against Experimental Diabetic Glomerulopathy by Preventing Diabetes-Induced Oxidative Stress. <i>Diabetes</i> , 2006, 55, 1642-1650.	0.6	172
4	The dark and bright side of atherosclerotic calcification. <i>Atherosclerosis</i> , 2015, 238, 220-230.	0.8	147
5	Physical exercise as therapy for type 2 diabetes mellitus. <i>Diabetes/Metabolism Research and Reviews</i> , 2014, 30, 13-23.	4.0	143
6	Galectin-3 ablation protects mice from diet-induced NASH: A major scavenging role for galectin-3 in liver. <i>Journal of Hepatology</i> , 2011, 54, 975-983.	3.7	127
7	The galectin-3/RAGE dyad modulates vascular osteogenesis in atherosclerosis. <i>Cardiovascular Research</i> , 2013, 100, 472-480.	3.8	106
8	Malondialdehyde, a Lipoperoxidation-Derived Aldehyde, Can Bring About Secondary Oxidative Damage To Proteins. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2004, 59, B890-B895.	3.6	105
9	Tissue Inhibitor of Metalloproteinase 3 Deficiency Causes Hepatic Steatosis and Adipose Tissue Inflammation in Mice. <i>Gastroenterology</i> , 2009, 136, 663-672.e4.	1.3	103
10	The purinergic 2X ₇ receptor participates in renal inflammation and injury induced by high-fat diet: possible role of NLRP3 inflammasome activation. <i>Journal of Pathology</i> , 2013, 231, 342-353.	4.5	99
11	Evaluation of Polyneuropathy Markers in Type 1 Diabetic Kidney Transplant Patients and Effects of Islet Transplantation. <i>Diabetes Care</i> , 2007, 30, 3063-3069.	8.6	98
12	Role of angiotensin-converting enzyme 2 and angiotensin(1-7) in 17 β -oestradiol regulation of renal pathology in renal wrap hypertension in rats. <i>Experimental Physiology</i> , 2008, 93, 648-657.	2.0	95
13	Galectin-3: an emerging all-out player in metabolic disorders and their complications. <i>Glycobiology</i> , 2015, 25, 136-150.	2.5	94
14	Galectin-3/AGE receptor 3 knockout mice show accelerated AGE-induced glomerular injury: evidence for a protective role of galectin-3 as an AGE receptor. <i>FASEB Journal</i> , 2004, 18, 1773-1775.	0.5	93
15	Effect of High- versus Low-Intensity Supervised Aerobic and Resistance Training on Modifiable Cardiovascular Risk Factors in Type 2 Diabetes; The Italian Diabetes and Exercise Study (IDES). <i>PLoS ONE</i> , 2012, 7, e49297.	2.5	93
16	Comparative Trial of N-Acetyl-Cysteine, Taurine, and Oxerutin on Skin and Kidney Damage in Long-Term Experimental Diabetes. <i>Diabetes</i> , 2003, 52, 499-505.	0.6	92
17	Accelerated Lipid-Induced Atherogenesis in Galectin-3-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 831-836.	2.4	85
18	Increased glomerular cell (podocyte) apoptosis in rats with streptozotocin-induced diabetes mellitus: role in the development of diabetic glomerular disease. <i>Diabetologia</i> , 2007, 50, 2591-2599.	6.3	83

#	ARTICLE	IF	CITATIONS
19	Loss of TIMP3 underlies diabetic nephropathy via FoxO1/STAT1 interplay. <i>EMBO Molecular Medicine</i> , 2013, 5, 441-455.	6.9	83
20	Lipoperoxidation Is Selectively Involved in Progressive Supranuclear Palsy. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2000, 59, 393-397.	1.7	82
21	Increased tumor necrosis factor α -converting enzyme activity induces insulin resistance and hepatosteatosis in mice. <i>Hepatology</i> , 2010, 51, 103-110.	7.3	80
22	D-carnosine octylester attenuates atherosclerosis and renal disease in ApoE null mice fed a Western diet through reduction of carbonyl stress and inflammation. <i>British Journal of Pharmacology</i> , 2012, 166, 1344-1356.	5.4	72
23	Overexpression of Tissue Inhibitor of Metalloproteinase 3 in Macrophages Reduces Atherosclerosis in Low-Density Lipoprotein Receptor Knockout Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 74-81.	2.4	68
24	Mutual interaction between glycation and oxidation during non-enzymatic protein modification. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1997, 1336, 409-418.	2.4	66
25	Immunological evidence for increased oxidative stress in diabetic rats. <i>Diabetologia</i> , 1998, 41, 265-270.	6.3	66
26	TIMP3 Overexpression in Macrophages Protects From Insulin Resistance, Adipose Inflammation, and Nonalcoholic Fatty Liver Disease in Mice. <i>Diabetes</i> , 2012, 61, 454-462.	0.6	66
27	Diabetes impairs the enzymatic disposal of 4-hydroxynonenal in rat liver. <i>Free Radical Biology and Medicine</i> , 2002, 32, 350-359.	2.9	65
28	Female protection in progressive renal disease is associated with estradiol attenuation of superoxide production. <i>Gender Medicine</i> , 2007, 4, 56-71.	1.4	65
29	Advanced lipoxidation end-products mediate lipid-induced glomerular injury: role of receptor-mediated mechanisms. <i>Journal of Pathology</i> , 2009, 218, 360-369.	4.5	64
30	Ablation of the gene encoding p66Shc protects mice against AGE-induced glomerulopathy by preventing oxidant-dependent tissue injury and further AGE accumulation. <i>Diabetologia</i> , 2007, 50, 1997-2007.	6.3	62
31	Role of Galectin-3 in Obesity and Impaired Glucose Homeostasis. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-7.	4.0	61
32	Conadal steroid regulation of renal injury in renal wrap hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F513-F520.	2.7	60
33	Diabetic Complications and Oxidative Stress: A 20-Year Voyage Back in Time and Back to the Future. <i>Antioxidants</i> , 2021, 10, 727.	5.1	60
34	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. <i>Diabetologia</i> , 2015, 58, 845-853.	6.3	59
35	Galectin-3 in diabetic patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 1413-23.	2.3	58
36	Hepatogenous diabetes: Is it time to separate it from type 2 diabetes?. <i>Liver International</i> , 2017, 37, 950-962.	3.9	55

#	ARTICLE	IF	CITATIONS
37	Sex differences in renal injury and nitric oxide production in renal wrap hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H43-H47.	3.2	49
38	Development of age-dependent glomerular lesions in galectin-3/AGE-receptor-3 knockout mice. American Journal of Physiology - Renal Physiology, 2005, 289, F611-F621.	2.7	47
39	The Inflammasome in Chronic Complications of Diabetes and Related Metabolic Disorders. Cells, 2020, 9, 1812.	4.1	47
40	Loss of TIMP3 exacerbates atherosclerosis in ApoE null mice. Atherosclerosis, 2014, 235, 438-443.	0.8	46
41	Characterization of three human sec14p-like proteins: α -Tocopherol transport activity and expression pattern in tissues. Biochimie, 2008, 90, 1703-1715.	2.6	44
42	The advanced glycation end-product N^{ϵ} -carboxymethyllysine promotes progression of pancreatic cancer: implications for diabetes-associated risk and its prevention. Journal of Pathology, 2018, 245, 197-208.	4.5	43
43	Lipoperoxidation in hepatic subcellular compartments of diabetic rats. Free Radical Biology and Medicine, 1999, 26, 538-547.	2.9	41
44	Glomerular Cell Replication and Cell Loss through Apoptosis in Experimental Diabetes mellitus. Nephron, 2002, 90, 484-488.	1.8	38
45	Diabetes and Pancreatic Cancer – A Dangerous Liaison Relying on Carbonyl Stress. Cancers, 2021, 13, 313.	3.7	35
46	FL-92616, a novel bioavailable carnosinase-resistant carnosine derivative, prevents onset and stops progression of diabetic nephropathy in db/db mice. British Journal of Pharmacology, 2018, 175, 53-66.	5.4	32
47	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
48	Role of Galectin-3 in Bone Cell Differentiation, Bone Pathophysiology and Vascular Osteogenesis. International Journal of Molecular Sciences, 2017, 18, 2481.	4.1	31
49	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
50	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
51	Deficiency of the Purinergic Receptor $2X_7$ 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
52	Glomerular number and size in Milan hypertensive and normotensive rats. Journal of Hypertension, 2004, 22, 2185-2192.	0.5	20
53	HNE-dependent molecular damage in diabetic nephropathy and its possible prevention by N-acetylcysteine and oxerutin. BioFactors, 2005, 24, 291-298.	5.4	20
54	CYCLOOXYGENASE 2 EXPRESSION IN VESSELS AND NERVES IN REVERSAL REACTION LEPROSY. American Journal of Tropical Medicine and Hygiene, 2006, 74, 1076-1077.	1.4	18

#	ARTICLE	IF	CITATIONS
55	Changes of CYP1A1, GST, and ALDH3 enzymes in hepatoma cell lines undergoing enhanced lipid peroxidation. <i>Free Radical Biology and Medicine</i> , 2000, 29, 1186-1196.	2.9	15
56	Diabetes promotes invasive pancreatic cancer by increasing systemic and tumour carbonyl stress in KrasG12D/+ mice. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 152.	8.6	15
57	Role of TGF- β 2/GLUT1 axis in susceptibility vs resistance to diabetic glomerulopathy in the Milan rat model. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 1514-1524.	0.7	13
58	Food-Related Carbonyl Stress in Cardiometabolic and Cancer Risk Linked to Unhealthy Modern Diet. <i>Nutrients</i> , 2022, 14, 1061.	4.1	13
59	Effect of supervised exercise training on musculoskeletal symptoms and function in patients with type 2 diabetes: the Italian Diabetes Exercise Study (IDES). <i>Acta Diabetologica</i> , 2014, 51, 647-654.	2.5	12
60	A bioluminescent mouse model of proliferation to highlight early stages of pancreatic cancer: A suitable tool for preclinical studies. <i>Annals of Anatomy</i> , 2016, 207, 2-8.	1.9	12
61	Normalizing HIF-1 β Signaling Improves Cellular Glucose Metabolism and Blocks the Pathological Pathways of Hyperglycemic Damage. <i>Biomedicines</i> , 2021, 9, 1139.	3.2	12
62	Vitamin E-coated filter decreases levels of free 4-hydroxyl-2-nonenal during haemodialysis sessions. <i>Free Radical Research</i> , 2006, 40, 207-212.	3.3	10
63	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. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-12.	2.3	7
64	Dietary interventions to contrast the onset and progression of diabetic nephropathy: A critical survey of new data. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 1671-1680.	10.3	7
65	Restoration of renal TIMP3 levels via genetics and pharmacological approach prevents experimental diabetic nephropathy. <i>Clinical and Translational Medicine</i> , 2021, 11, e305.	4.0	7
66	Cyclooxygenase 2 expression in vessels and nerves in reversal reaction leprosy. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 74, 1076-7.	1.4	7
67	Galectin-3 gene deletion results in defective adipose tissue maturation and impaired insulin sensitivity and glucose homeostasis. <i>Scientific Reports</i> , 2020, 10, 20070.	3.3	6
68	A Protocol Outline of Dietary Intervention to Contrast Diabetic Nephropathy. , 2019, , 33-48.		1
69	Protein kinase C inactivation by Fenton's-reaction at discrete CU binding sites. <i>IUBMB Life</i> , 1996, 40, 285-293.	3.4	0