Stefano Menini

List of Publications by Year
in descending order

69	4,176	71102	114465
papers	citations	41 h-index	63 g-index

71	71	71	6423
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Food-Related Carbonyl Stress in Cardiometabolic and Cancer Risk Linked to Unhealthy Modern Diet. Nutrients, 2022, 14, 1061.	4.1	13
2	Restoration of renal TIMP3 levels via genetics and pharmacological approach prevents experimental diabetic nephropathy. Clinical and Translational Medicine, 2021, 11, e305.	4.0	7
3	Diabetic Complications and Oxidative Stress: A 20-Year Voyage Back in Time and Back to the Future. Antioxidants, 2021, 10, 727.	5.1	60
4	Normalizing HIF-1Î± Signaling Improves Cellular Glucose Metabolism and Blocks the Pathological Pathways of Hyperglycemic Damage. Biomedicines, 2021, 9, 1139.	3.2	12
5	Diabetes and Pancreatic Cancerâ€"A Dangerous Liaison Relying on Carbonyl Stress. Cancers, 2021, 13, 313.	3.7	35
6	The Inflammasome in Chronic Complications of Diabetes and Related Metabolic Disorders. Cells, 2020, 9, 1812.	4.1	47
7	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
8	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
9	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
10	A Protocol Outline of Dietary Intervention to Contrast Diabetic Nephropathy. , 2019, , 33-48.		1
11	Metabolically healthy versus metabolically unhealthy obesity. Metabolism: Clinical and Experimental, 2019, 92, 51-60.	3.4	251
12	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
13	The advanced glycation endâ€product N^{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
14	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
15	FLâ€926â€16, a novel bioavailable carnosinaseâ€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
16	Hepatogenous diabetes: Is it time to separate it from type 2 diabetes?. Liver International, 2017, 37, 950-962.	3.9	55
17	Role of Galectin-3 in Bone Cell Differentiation, Bone Pathophysiology and Vascular Osteogenesis. International Journal of Molecular Sciences, 2017, 18, 2481.	4.1	31
18	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

#	Article	IF	Citations
19	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
20	Role of Galectin-3 in Obesity and Impaired Glucose Homeostasis. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-7.	4.0	61
21	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
22	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
23	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
24	The dark and bright side of atherosclerotic calcification. Atherosclerosis, 2015, 238, 220-230.	0.8	147
25	Galectin-3: an emerging all-out player in metabolic disorders and their complications. Glycobiology, 2015, 25, 136-150.	2.5	94
26	Galectin-3 in diabetic patients. Clinical Chemistry and Laboratory Medicine, 2014, 52, 1413-23.	2.3	58
27	Effect of supervised exercise training on musculoskeletal symptoms and function in patients with type 2 diabetes: the Italian Diabetes Exercise Study (IDES). Acta Diabetologica, 2014, 51, 647-654.	2.5	12
28	Physical exercise as therapy for type 2 diabetes mellitus. Diabetes/Metabolism Research and Reviews, 2014, 30, 13-23.	4.0	143
29	Loss of TIMP3 exacerbates atherosclerosis in ApoE null mice. Atherosclerosis, 2014, 235, 438-443.	0.8	46
30	The galectin-3/RAGE dyad modulates vascular osteogenesis in atherosclerosis. Cardiovascular Research, 2013, 100, 472-480.	3.8	106
31	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
32	Loss of TIMP3 underlies diabetic nephropathy via FoxO1/STAT1 interplay. EMBO Molecular Medicine, 2013, 5, 441-455.	6.9	83
33	Overexpression of Tissue Inhibitor of Metalloproteinase 3 in Macrophages Reduces Atherosclerosis in Low-Density Lipoprotein Receptor Knockout Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 74-81.	2.4	68
34	TIMP3 Overexpression in Macrophages Protects From Insulin Resistance, Adipose Inflammation, and Nonalcoholic Fatty Liver Disease in Mice. Diabetes, 2012, 61, 454-462.	0.6	66
35	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
36	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). PLoS ONE, 2012, 7, e49297.	2.5	93

#	Article	IF	Citations
37	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
38	Increased tumor necrosis factor Î±-converting enzyme activity induces insulin resistance and hepatosteatosis in mice. Hepatology, 2010, 51, 103-110.	7.3	80
39	Accelerated Lipid-Induced Atherogenesis in Galectin-3-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 831-836.	2.4	85
40	Advanced lipoxidation endâ€products mediate lipidâ€induced glomerular injury: role of receptorâ€mediated mechanisms. Journal of Pathology, 2009, 218, 360-369.	4.5	64
41	Tissue Inhibitor of Metalloproteinase 3 Deficiency Causes Hepatic Steatosis and Adipose Tissue Inflammation in Mice. Gastroenterology, 2009, 136, 663-672.e4.	1.3	103
42	Role of angiotensinâ€converting enzyme 2 and angiotensin(1â€“7) in 17Î²â€estradiol regulation of renal pathology in renal wrap hypertension in rats. Experimental Physiology, 2008, 93, 648-657.	2.0	95
43	Characterization of three human sec14p-like proteins: Î±-Tocopherol transport activity and expression pattern in tissues. Biochimie, 2008, 90, 1703-1715.	2.6	44
44	Evaluation of Polyneuropathy Markers in Type 1 Diabetic Kidney Transplant Patients and Effects of Islet Transplantation. Diabetes Care, 2007, 30, 3063-3069.	8.6	98
45	Female protection in progressive renal disease is associated with estradiol attenuation of superoxide production. Gender Medicine, 2007, 4, 56-71.	1.4	65
46	Ablation of the gene encoding p66Shc protects mice against AGE-induced glomerulopathy by preventing oxidant-dependent tissue injury and further AGE accumulation. Diabetologia, 2007, 50, 1997-2007.	6.3	62
47	Increased glomerular cell (podocyte) apoptosis in rats with streptozotocin-induced diabetes mellitus: role in the development of diabetic glomerular disease. Diabetologia, 2007, 50, 2591-2599.	6.3	83
48	Role of TGF-Î²/GLUT1 axis in susceptibility vs resistance to diabetic glomerulopathy in the Milan rat model. Nephrology Dialysis Transplantation, 2006, 21, 1514-1524.	0.7	13
49	Deletion of p66Shc Longevity Gene Protects Against Experimental Diabetic Glomerulopathy by Preventing Diabetes-Induced Oxidative Stress. Diabetes, 2006, 55, 1642-1650.	0.6	172
50	Vitamin E-coated filter decreases levels of free 4-hydroxyl-2-nonenal during haemodialysis sessions. Free Radical Research, 2006, 40, 207-212.	3.3	10
51	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
52	Cyclooxygenase 2 expression in vessels and nerves in reversal reaction leprosy. American Journal of Tropical Medicine and Hygiene, 2006, 74, 1076-7.	1.4	7
53	Gonadal steroid regulation of renal injury in renal wrap hypertension. American Journal of Physiology - Renal Physiology, 2005, 288, F513-F520.	2.7	60
54	HNEâ€dependent molecular damage in diabetic nephropathy and its possible prevention by Nâ€acetylâ€cysteine and oxerutin. BioFactors, 2005, 24, 291-298.	5.4	20

#	Article	IF	Citations
55	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
56	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
57	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
58	Malondialdehyde, a Lipoperoxidation-Derived Aldehyde, Can Bring About Secondary Oxidative Damage To Proteins. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2004, 59, B890-B895.	3.6	105
59	Glomerular number and size in Milan hypertensive and normotensive rats. Journal of Hypertension, 2004, 22, 2185-2192.	0.5	20
60	Brassica carinata as an alternative oil crop for the production of biodiesel in Italy: agronomic evaluation, fuel production by transesterification and characterization. Biomass and Bioenergy, 2003, 25, 623-636.	5.7	241
61	Comparative Trial of N-Acetyl-Cysteine, Taurine, and Oxerutin on Skin and Kidney Damage in Long-Term Experimental Diabetes. Diabetes, 2003, 52, 499-505.	0.6	92
62	Glomerular Cell Replication and Cell Loss through Apoptosis in Experimental Diabetes mellitus. Nephron, 2002, 90, 484-488.	1.8	38
63	Diabetes impairs the enzymatic disposal of 4-hydroxynonenal in rat liver. Free Radical Biology and Medicine, 2002, 32, 350-359.	2.9	65
64	Changes of CYP1A1, GST, and ALDH3 enzymes in hepatoma cell lines undergoing enhanced lipid peroxidation. Free Radical Biology and Medicine, 2000, 29, 1186-1196.	2.9	15
65	Lipoperoxidation Is Selectively Involved in Progressive Supranuclear Palsy. Journal of Neuropathology and Experimental Neurology, 2000, 59, 393-397.	1.7	82
66	Lipoperoxidation in hepatic subcellular compartments of diabetic rats. Free Radical Biology and Medicine, 1999, 26, 538-547.	2.9	41
67	Immunological evidence for increased oxidative stress in diabetic rats. Diabetologia, 1998, 41, 265-270.	6.3	66
68	Mutual interaction between glycation and oxidation during non-enzymatic protein modification. Biochimica Et Biophysica Acta - General Subjects, 1997, 1336, 409-418.	2.4	66
69	Protein kinase C inactivation by Fenton's-reaction at discrete CU binding sites. IUBMB Life, 1996, 40, 285-293.	3.4	0