# Rossella Menghini

List of Publications by Year
in descending order



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|---|---|---|---|
| 65 papers | 8,278 citations | 201385 27 h-index | 128067 60 g-index |
| 66 all docs | 66 docs citations | 66 times ranked | 18664 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | COVID-19â€“Associated Endothelial Dysfunction and Microvascular Injury. Cardiac Electrophysiology Clinics, 2022, 14, 21-28. | 0.7 | 9 |
| 2 | Enterocyte superoxide dismutase 2 deletion drives obesity. IScience, 2022, 25, 103707. | 1.9 | 4 |
| 3 | ITCH E3 ubiquitin ligase downregulation compromises hepatic degradation of branched-chain amino acids. Molecular Metabolism, 2022, 59, 101454. | 3.0 | 5 |
| 4 | Restoration of renal TIMP3 levels via genetics and pharmacological approach prevents experimental diabetic nephropathy. Clinical and Translational Medicine, 2021, 11, e305. | 1.7 | 7 |
| 5 | Alterations in Rev-ERBÎ±/BMAL1 ratio and glycated hemoglobin in rotating shift workers: the EuRhythDia study. Acta Diabetologica, 2021, 58, 1111-1117. | 1.2 | 22 |
| 6 | Inhibition of Lysine 63 Ubiquitination Prevents the Progression of Renal Fibrosis in Diabetic DBA/2J Mice. International Journal of Molecular Sciences, 2021, 22, 5194. | 1.8 | 4 |
| 7 | TIMP3 involvement and potentiality in the diagnosis, prognosis and treatment of diabetic nephropathy. Acta Diabetologica, 2021, 58, 1587-1594. | 1.2 | 8 |
| 8 | A Serum Resistin and Multicytokine Inflammatory Pathway Is Linked With and Helps Predict All-cause Death in Diabetes. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4350-e4359. | 1.8 | 5 |
| 9 | The feeding behaviour of Amyotrophic Lateral Sclerosis mouse models is modulated by the Ca<sup>2+</sup>â€activated K<sub>Ca</sub>3.1 channels. British Journal of Pharmacology, 2021, 178, 4891-4906. | 2.7 | 8 |
| 10 | High Sensitivity C-Reactive Protein Increases the Risk of Carotid Plaque Instability in Male Dyslipidemic Patients. Diagnostics, 2021, 11, 2117. | 1.3 | 3 |
| 11 | Metabolic aspects of cardiovascular diseases: Is FoxO1 a player or a target?. International Journal of Biochemistry and Cell Biology, 2020, 118, 105659. | 1.2 | 18 |
| 12 | P0972INHIBITION OF LYSINE63 UBIQUITINATION PREVENTS THE PROGRESSION OF RENAL FIBROSIS IN DIABETIC NEPHROPATHY IN VITRO AND IN VIVO. Nephrology Dialysis Transplantation, 2020, 35, . | 0.4 | 0 |
| 13 | Cross-omics analysis revealed gut microbiome-related metabolic pathways underlying atherosclerosis development after antibiotics treatment. Molecular Metabolism, 2020, 36, 100976. | 3.0 | 46 |
| 14 | Timp3 deficiency affects the progression of DEN-related hepatocellular carcinoma during diet-induced obesity in mice. Acta Diabetologica, 2019, 56, 1265-1274. | 1.2 | 6 |
| 15 | MicroRNA Manipulation to Boost Endothelial Regeneration: Are We Ready for the Next Steps?. Diabetes, 2019, 68, 268-270. | 0.3 | 1 |
| 16 | Chronic Kidney Disease Is Linked to Carotid Nodular Calcification, An Unstable Plaque Not Correlated to Inflammation. , 2019, 10, 71. | | 14 |
| 17 | Soluble ST2 is a biomarker for cardiovascular mortality related to abnormal glucose metabolism in high-risk subjects. Acta Diabetologica, 2019, 56, 273-280. | 1.2 | 19 |
| 18 | Proteomic and metabolomic characterization of streptozotocin-induced diabetic nephropathy in TIMP3-deficient mice. Acta Diabetologica, 2018, 55, 121-129. | 1.2 | 25 |

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|---|---|---|---|
| 19 | MicroRNA 221/222 cluster kicks out Timp-3 to inflame the liver. EBioMedicine, 2018, 37, 7-8. | 2.7 | 3 |
| 20 | 2-hydroxycaproate predicts cardiovascular mortality in patients with atherosclerotic disease. Atherosclerosis, 2018, 277, 179-185. | 0.4 | 6 |
| 21 | C-peptide: A predictor of cardiovascular mortality in subjects with established atherosclerotic disease. Diabetes and Vascular Disease Research, 2017, 14, 395-399. | 0.9 | 27 |
| 22 | Carotid plaque instability is not related to quantity but to elemental composition of calcification. Nutrition, Metabolism and Cardiovascular Diseases, 2017, 27, 768-774. | 1.1 | 28 |
| 23 | Hepatocyte specific TIMP3 expression prevents diet dependent fatty liver disease and hepatocellular carcinoma. Scientific Reports, 2017, 7, 6747. | 1.6 | 26 |
| 24 | MicroRNA 21 is up-regulated in adipose tissue of obese diabetic subjects. Nutrition and Healthy Aging, 2017, 4, 141-145. | 0.5 | 26 |
| 25 | A Role for Timp3 in Microbiota-Driven Hepatic Steatosis and Metabolic Dysfunction. Cell Reports, 2016, 16, 731-743. | 2.9 | 18 |
| 26 | Posttranslational modulation of FoxO1 contributes to cardiac remodeling in post-ischemic heart failure. Atherosclerosis, 2016, 249, 148-156. | 0.4 | 20 |
| 27 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 4.3 | 4,701 |
| 28 | A score including ADAM17 substrates correlates to recurring cardiovascular event in subjects with atherosclerosis. Atherosclerosis, 2015, 239, 459-464. | 0.4 | 29 |
| 29 | FoxO1 regulates asymmetric dimethylarginine via downregulation of dimethylaminohydrolase 1 in human endothelial cells and subjects with atherosclerosis. Atherosclerosis, 2015, 242, 230-235. | 0.4 | 24 |
| 30 | TIMP3 interplays with apelin to regulate cardiovascular metabolism in hypercholesterolemic mice. Molecular Metabolism, 2015, 4, 741-752. | 3.0 | 23 |
| 31 | IL-21 Is a Major Negative Regulator of IRF4-Dependent Lipolysis Affecting Tregs in Adipose Tissue and Systemic Insulin Sensitivity. Diabetes, 2014, 63, 2086-2096. | 0.3 | 49 |
| 32 | MicroRNAs in vascular aging and atherosclerosis. Ageing Research Reviews, 2014, 17, 68-78. | 5.0 | 101 |
| 33 | MiR-216a: a link between endothelial dysfunction and autophagy. Cell Death and Disease, 2014, 5, e1029-e1029. | 2.7 | 122 |
| 34 | ITCH Deficiency Protects From Diet-Induced Obesity. Diabetes, 2014, 63, 550-561. | 0.3 | 24 |
| 35 | Loss of TIMP3 exacerbates atherosclerosis in ApoE null mice. Atherosclerosis, 2014, 235, 438-443. | 0.4 | 46 |
| 36 | Toll-Like Receptor 4 Mediates Endothelial Cell Activation Through NF-Î²B but Is Not Associated with Endothelial Dysfunction in Patients with Rheumatoid Arthritis. PLoS ONE, 2014, 9, e99053. | 1.1 | 35 |

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|---|---|---|---|
| 37 | Expression of tissue inhibitor of metalloprotease 3 is reduced in ischemic but not neuropathic ulcers from patients with type 2 diabetes mellitus. Acta Diabetologica, 2013, 50, 907-910. | 1.2 | 29 |
| 38 | Regulation of TIMP3 in diabetic nephropathy: a role for microRNAs. Acta Diabetologica, 2013, 50, 965-969. | 1.2 | 74 |
| 39 | The role of ADAM17 in metabolic inflammation. Atherosclerosis, 2013, 228, 12-17. | 0.4 | 89 |
| 40 | MicroRNAs in Endothelial Senescence and Atherosclerosis. Journal of Cardiovascular Translational Research, 2013, 6, 924-930. | 1.1 | 45 |
| 41 | Loss of TIMP3 underlies diabetic nephropathy via FoxO1/STAT1 interplay. EMBO Molecular Medicine, 2013, 5, 441-455. | 3.3 | 83 |
| 42 | 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. | 1.1 | 68 |
| 43 | TIMP3 Overexpression in Macrophages Protects From Insulin Resistance, Adipose Inflammation, and Nonalcoholic Fatty Liver Disease in Mice. Diabetes, 2012, 61, 454-462. | 0.3 | 66 |
| 44 | sPLA2: Linking atherosclerosis to aneurysm progression. Atherosclerosis, 2011, 214, 41-42. | 0.4 | 0 |
| 45 | miR-146a is modulated in human endothelial cell with aging. Atherosclerosis, 2011, 217, 326-330. | 0.4 | 168 |
| 46 | MicroPPARticle in atherosclerosis: Guilty or innocent by-standers?. Atherosclerosis, 2011, 218, 21-22. | 0.4 | 1 |
| 47 | Decreased IRS2 and TIMP3 Expression in Monocytes From Offspring of Type 2 Diabetic Patients Is Correlated With Insulin Resistance and Increased Intima-Media Thickness. Diabetes, 2011, 60, 3265-3270. | 0.3 | 26 |
| 48 | Increased tumor necrosis factor Î±-converting enzyme activity induces insulin resistance and hepatosteatosis in mice. Hepatology, 2010, 51, 103-110. | 3.6 | 80 |
| 49 | TIMP3 Is Reduced in Atherosclerotic Plaques From Subjects With Type 2 Diabetes and Increased by SirT1. Diabetes, 2009, 58, 2396-2401. | 0.3 | 132 |
| 50 | MicroRNA 217 Modulates Endothelial Cell Senescence via Silent Information Regulator 1. Circulation, 2009, 120, 1524-1532. | 1.6 | 438 |
| 51 | Tissue Inhibitor of Metalloproteinase 3 Deficiency Causes Hepatic Steatosis and Adipose Tissue Inflammation in Mice. Gastroenterology, 2009, 136, 663-672.e4. | 0.6 | 103 |
| 52 | Transgenic mice overexpressing human G972R IRSâ€1 show impaired insulin action and insulin secretion.. Journal of Cellular and Molecular Medicine, 2008, 12, 2096-2106. | 1.6 | 25 |
| 53 | Insulin Resistance Affects Gene Expression in Endothelium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, e7-9. | 1.1 | 2 |
| 54 | Mice Heterozygous for Tumor Necrosis Factor-Î± Converting Enzyme Are Protected From Obesity-Induced Insulin Resistance and Diabetes. Diabetes, 2007, 56, 2541-2546. | 0.3 | 104 |

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|---|---|---|---|
| 55 | Inflammation and macrophage infiltration in adipose tissue: A link between diabetes and atherosclerosis. International Congress Series, 2007, 1303, 23-30. | 0.2 | 0 |
| 56 | Interaction of DIO2 T92A and PPARÎ³2 P12A Polymorphisms in the Modulation of Metabolic Syndrome**. Obesity, 2007, 15, 2889-2895. | 1.5 | 24 |
| 57 | Letter to the Editor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 431-432. | 1.1 | 7 |
| 58 | Benfotiamine Counteracts Glucose Toxicity Effects on Endothelial Progenitor Cell Differentiation via Akt/FoxO Signaling. Diabetes, 2006, 55, 2231-2237. | 0.3 | 124 |
| 59 | Timp3 deficiency in insulin receptor-haploinsufficient mice promotes diabetes and vascular inflammation via increased TNF-Â. Journal of Clinical Investigation, 2005, 115, 3494-3505. | 3.9 | 141 |
| 60 | Phosphorylation of GATA2 by Akt Increases Adipose Tissue Differentiation and Reduces Adipose Tissueâ€“Related Inflammation. Circulation, 2005, 111, 1946-1953. | 1.6 | 88 |
| 61 | G972R IRS-1 Variant Impairs Insulin Regulation of Endothelial Nitric Oxide Synthase in Cultured Human Endothelial Cells. Circulation, 2004, 109, 399-405. | 1.6 | 104 |
| 62 | Insulin-Dependent Activation of Endothelial Nitric Oxide Synthase Is Impaired by O-Linked Glycosylation Modification of Signaling Proteins in Human Coronary Endothelial Cells. Circulation, 2002, 106, 466-472. | 1.6 | 330 |
| 63 | Replacement of a Metabolic Pathway for Large-Scale Production of Lactic Acid from Engineered Yeasts. Applied and Environmental Microbiology, 1999, 65, 4211-4215. | 1.4 | 378 |
| 64 | Regulation of the expression of theKluyveromyces lactis PDC1 gene: carbon source-responsive elements and autoregulation. Yeast, 1999, 15, 361-370. | 0.8 | 28 |
| 65 | Regulation of the expression of the Kluyveromyces lactis PDC1 gene: carbon source-responsive elements and autoregulation. , 1999, 15, 361. | | 1 |