Marco Busnelli

List of Publications by Year
in descending order

38 papers	739 citations	535685 17 h-index	591227 27 g-index
39 all docs	39 docs citations	39 times ranked	1164 citing authors

#	Article	IF	Citations
1	Lack of ApoA-I in ApoEKO Mice Causes Skin Xanthomas, Worsening of Inflammation, and Increased Coronary Atherosclerosis in the Absence of Hyperlipidemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 839-856.	1.1	6
2	Aortic Gene Expression Profiles Show How ApoA-I Levels Modulate Inflammation, Lysosomal Activity, and Sphingolipid Metabolism in Murine Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 651-667.	1.1	12
3	Rupatadine treatment is associated to atherosclerosis worsening and altered T lymphocyte recruitment. Thrombosis and Haemostasis, 2021, 0, .	1.8	0
4	reString: an open-source Python software to perform automatic functional enrichment retrieval, results aggregation and data visualization. Scientific Reports, 2021, 11, 23458.	1.6	6
5	Fenretinide treatment accelerates atherosclerosis development in apoEâ€deficient mice in spite of beneficial metabolic effects. British Journal of Pharmacology, 2020, 177, 328-345.	2.7	21
6	Myocardial overexpression of ANKRD1 causes sinus venosus defects and progressive diastolic dysfunction. Cardiovascular Research, 2020, 116, 1458-1472.	1.8	15
7	The Gut Microbiota Affects Host Pathophysiology as an Endocrine Organ: A Focus on Cardiovascular Disease. Nutrients, 2020, 12, 79.	1.7	52
8	liputils: a Python module to manage individual fatty acid moieties from complex lipids. Scientific Reports, 2020, 10, 13368.	1.6	3
9	Fatâ€Shaped Microbiota Affects Lipid Metabolism, Liver Steatosis, and Intestinal Homeostasis in Mice Fed a Lowâ€Protein Diet. Molecular Nutrition and Food Research, 2020, 64, e1900835.	1.5	11
10	Expression of Toll-like receptors 4 and 7 in murine peripheral nervous system development. Annals of Anatomy, 2020, 231, 151526.	1.0	4
11	Infusions of Large Synthetic HDL Containing Trimeric apoA-I Stabilize Atherosclerotic Plaques in Hypercholesterolemic Rabbits. Canadian Journal of Cardiology, 2019, 35, 1400-1408.	0.8	11
12	Impact of PPAR-Alpha Polymorphismsâ€"The Case of Metabolic Disorders and Atherosclerosis. International Journal of Molecular Sciences, 2019, 20, 4378.	1.8	14
13	Topiramate protects apoE-deficient mice from kidney damage without affecting plasma lipids. Pharmacological Research, 2019, 141, 189-200.	3.1	21
14	Lipid phosphate phosphatase 3 in vascular pathophysiology. Atherosclerosis, 2018, 271, 156-165.	0.4	25
15	Effects of Vegetable Proteins on Hypercholesterolemia and Gut Microbiota Modulation. Nutrients, 2018, 10, 1249.	1.7	26
16	Fenretinide Differently Affects Atherosclerosis Development and Metabolic Parameters in apoE-deficient Mice. Atherosclerosis Supplements, 2018, 32, 161.	1.2	0
17	Liver-specific deletion of the Plpp3 gene alters plasma lipid composition and worsens atherosclerosis in apoEâ^'/â^' mice. Scientific Reports, 2017, 7, 44503.	1.6	37
18	Integrated high-throughput mirnomics and lipidomics allow a detailed dissection of mirna to molecular lipid levels correlations in wild-type, PCSK9 and LDLR knockout mice. Atherosclerosis, 2017, 263, e35.	0.4	0

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19	Dysregulated expression of Ankyrin repeat domain 1 in the developing myocardium causes anomalous venous return and morphogenetic defects by impairing cardiac remodelling. Atherosclerosis, 2017, 263, e157.	0.4	0
20	Anti-atherosclerotic activity of bioactive components from Antarctic krill in apoE-deficient mice. Atherosclerosis, 2017, 263, e167.	0.4	0
21	Effect of Dietary Components from Antarctic Krill on Atherosclerosis in apoEâ€Ðeficient Mice. Molecular Nutrition and Food Research, 2017, 61, 1700098.	1.5	40
22	Effect of different microbiota on lipid metabolism, liver steatosis and intestinal homeostasis in mice fed a low-protein diet. Atherosclerosis, 2017, 263, e6-e7.	0.4	1
23	L-homoarginine administration reduces neointimal hyperplasia in balloon-injured rat carotids. Thrombosis and Haemostasis, 2016, 116, 400-402.	1.8	22
24	Nutraceuticals and Bioactive Components from Fish for Dyslipidemia and Cardiovascular Risk Reduction. Marine Drugs, 2016, 14, 113.	2.2	36
25	High-density lipoprotein deficiency in genetically modified mice deeply affects skin morphology: A structural and ultrastructural study. Experimental Cell Research, 2015, 338, 105-112.	1.2	17
26	Beta2-adrenergic activity modulates vascular tone regulation in lecithin:cholesterol acyltransferase knockout mice. Vascular Pharmacology, 2015, 74, 114-121.	1.0	16
27	Magnetic Resonance Imaging Visualization of Vulnerable Atherosclerotic Plaques at the Brachiocephalic Artery of Apolipoprotein E Knockout Mice by the Blood-Pool Contrast Agent B22956/1. Molecular Imaging, 2014, 13, 7290.2014.00012.	0.7	16
28	A Salmon Protein Hydrolysate Exerts Lipid-Independent Anti-Atherosclerotic Activity in ApoE-Deficient Mice. PLoS ONE, 2014, 9, e97598.	1.1	40
29	Effect of the combinations between pea proteins and soluble fibres on cholesterolaemia and cholesterol metabolism in rats. British Journal of Nutrition, 2013, 110, 1394-1401.	1.2	28
30	Diet Induced Mild Hypercholesterolemia in Pigs: Local and Systemic Inflammation, Effects on Vascular Injury â€“ Rescue by High-Dose Statin Treatment. PLoS ONE, 2013, 8, e80588.	1.1	29
31	An Immunomodulating Fatty Acid Analogue Targeting Mitochondria Exerts Anti-Atherosclerotic Effect beyond Plasma Cholesterol-Lowering Activity in apoE-/- Mice. PLoS ONE, 2013, 8, e81963.	1.1	17
32	Reduced biliary sterol output with no change in total faecal excretion in mice expressing a human apolipoprotein Aâ€Ÿ variant. Liver International, 2012, 32, 1363-1371.	1.9	17
33	Cholesterol-lowering effect of dietary Lupinus angustifolius proteins in adult rats through regulation of genes involved in cholesterol homeostasis. Food Chemistry, 2012, 132, 1475-1479.	4.2	29
34	Heme Oxygenase-1 Inhibition Prevents Intimal Hyperplasia Enhancing Nitric Oxide-Dependent Apoptosis of Vascular Smooth Muscle Cells. Biological and Pharmaceutical Bulletin, 2011, 34, 1204-1214.	0.6	11
35	Rosuvastatin does not affect human apolipoprotein A-I expression in genetically modified mice: a clue to the disputed effect of statins on HDL. British Journal of Pharmacology, 2011, 164, 1460-1468.	2.7	22
36	In Vitro Production of Multigene Transgenic Blastocysts via Sperm-Mediated Gene Transfer Allows Rapid Screening of Constructs to Be Used in Xenotransplantation Experiments. Transplantation Proceedings, 2010, 42, 2142-2145.	0.3	3

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37	Pathogenetic role of hypercholesterolemia in a novel preclinical model of vascular injury in pigs. Atherosclerosis, 2009, 207, 384-390.	0.4	23
38	Sperm-mediated gene transfer. Reproduction, Fertility and Development, 2006, 18, 19.	0.1	108