

# Martine C Morrison

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,476  
citations

361045

20  
h-index

360668

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

5523  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diet-Independent Correlations between Bacteria and Dysfunction of Gut, Adipose Tissue, and Liver: A Comprehensive Microbiota Analysis in Feces and Mucosa of the Ileum and Colon in Obese Mice with NAFLD. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1.	1.8	929
2	Anti-inflammatory, anti-proliferative and anti-atherosclerotic effects of quercetin in human in vitro and in vivo models. <i>Atherosclerosis</i> , 2011, 218, 44-52.	0.4	314
3	High-fat diet induced obesity primes inflammation in adipose tissue prior to liver in C57BL/6j mice. <i>Aging</i> , 2015, 7, 256-268.	1.4	201
4	Resolvin E1 attenuates atherosclerosis in absence of cholesterol-lowering effects and on top of atorvastatin. <i>Atherosclerosis</i> , 2016, 250, 158-165.	0.4	91
5	Surgical removal of inflamed epididymal white adipose tissue attenuates the development of non-alcoholic steatohepatitis in obesity. <i>International Journal of Obesity</i> , 2016, 40, 675-684.	1.6	77
6	Role of Macrophage Migration Inhibitory Factor in Obesity, Insulin Resistance, Type 2 Diabetes, and Associated Hepatic Co-Morbidities: A Comprehensive Review of Human and Rodent Studies. <i>Frontiers in Immunology</i> , 2015, 6, 308.	2.2	73
7	Metabolically induced liver inflammation leads to NASH and differs from LPS- or IL-1 $\beta$ -induced chronic inflammation. <i>Laboratory Investigation</i> , 2014, 94, 491-502.	1.7	70
8	Epicatechin attenuates atherosclerosis and exerts anti-inflammatory effects on diet-induced human-CRP and NF $\kappa$ B in vivo. <i>Atherosclerosis</i> , 2014, 233, 149-156.	0.4	69
9	Obeticholic Acid Modulates Serum Metabolites and Gene Signatures Characteristic of Human NASH and Attenuates Inflammation and Fibrosis Progression in Ldlr $\Delta$ Leiden Mice. <i>Hepatology Communications</i> , 2018, 2, 1513-1532.	2.0	49
10	Mirtoselect, an anthocyanin-rich bilberry extract, attenuates non-alcoholic steatohepatitis and associated fibrosis in ApoE $^{-3}$ Leiden mice. <i>Journal of Hepatology</i> , 2015, 62, 1180-1186.	1.8	48
11	Intervention with a caspase-1 inhibitor reduces obesity-associated hyperinsulinemia, non-alcoholic steatohepatitis and hepatic fibrosis in LDLR $\Delta$ Leiden mice. <i>International Journal of Obesity</i> , 2016, 40, 1416-1423.	1.6	46
12	Uncovering a Predictive Molecular Signature for the Onset of NASH-Related Fibrosis in a Translational NASH Mouse Model. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 83-98.e10.	2.3	44
13	Macrophage Migration Inhibitory Factor Deficiency Ameliorates High-Fat Diet Induced Insulin Resistance in Mice with Reduced Adipose Inflammation and Hepatic Steatosis. <i>PLoS ONE</i> , 2014, 9, e113369.	1.1	40
14	Key Inflammatory Processes in Human NASH Are Reflected in Ldlr $\Delta$ Leiden Mice: A Translational Gene Profiling Study. <i>Frontiers in Physiology</i> , 2018, 9, 132.	1.3	35
15	A casein hydrolysate based formulation attenuates obesity and associated non-alcoholic fatty liver disease and atherosclerosis in LDLr $^{-}$ Leiden mice. <i>PLoS ONE</i> , 2017, 12, e0180648.	1.1	33
16	Reduction of obesity-associated white adipose tissue inflammation by rosiglitazone is associated with reduced non-alcoholic fatty liver disease in LDLr-deficient mice. <i>Scientific Reports</i> , 2016, 6, 31542.	1.6	32
17	Metabolic subtypes of patients with NAFLD exhibit distinctive cardiovascular risk profiles. <i>Hepatology</i> , 2022, 76, 1121-1134.	3.6	31
18	Propionic acid and not caproic acid, attenuates nonalcoholic steatohepatitis and improves (cerebro)vascular functions in obese Ldlr $^{-}$ Leiden mice. <i>FASEB Journal</i> , 2020, 34, 9575-9593.	0.2	29

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19	Replacement of Dietary Saturated Fat by PUFA-Rich Pumpkin Seed Oil Attenuates Non-Alcoholic Fatty Liver Disease and Atherosclerosis Development, with Additional Health Effects of Virgin over Refined Oil. <i>PLoS ONE</i> , 2015, 10, e0139196.	1.1	29
20	Variable cartilage degradation in mice with diet-induced metabolic dysfunction: food for thought. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 95-107.	0.6	23
21	Butyrate Protects against Diet-Induced NASH and Liver Fibrosis and Suppresses Specific Non-Canonical TGF- $\beta$ Signaling Pathways in Human Hepatic Stellate Cells. <i>Biomedicines</i> , 2021, 9, 1954.	1.4	23
22	Sex-Specific Differences in Fat Storage, Development of Non-Alcoholic Fatty Liver Disease and Brain Structure in Juvenile HFD-Induced Obese Ldlr <sup>-/-</sup> .Leiden Mice. <i>Nutrients</i> , 2019, 11, 1861.	1.7	21
23	Effects of Anthocyanin and Flavanol Compounds on Lipid Metabolism and Adipose Tissue Associated Systemic Inflammation in Diet-Induced Obesity. <i>Mediators of Inflammation</i> , 2016, 2016, 1-10.	1.4	19
24	CAT <sup>2003</sup> : A novel sterol regulatory element-binding protein inhibitor that reduces steatohepatitis, plasma lipids, and atherosclerosis in apolipoprotein E <sup>3</sup> Leiden mice. <i>Hepatology Communications</i> , 2017, 1, 311-325.	2.0	16
25	Cholesterol Accumulation as a Driver of Hepatic Inflammation Under Translational Dietary Conditions Can Be Attenuated by a Multicomponent Medicine. <i>Frontiers in Endocrinology</i> , 2021, 12, 601160.	1.5	16
26	Krill Oil Treatment Increases Distinct PUFAs and Oxylipins in Adipose Tissue and Liver and Attenuates Obesity-Associated Inflammation via Direct and Indirect Mechanisms. <i>Nutrients</i> , 2021, 13, 2836.	1.7	16
27	Intervention with isoleucine or valine corrects hyperinsulinemia and reduces intrahepatic diacylglycerols, liver steatosis, and inflammation in Ldlr <sup>-/-</sup> .Leiden mice with manifest obesity-associated NASH. <i>FASEB Journal</i> , 2022, 36, .	0.2	16
28	Orthopedic surgery increases atherosclerotic lesions and necrotic core area in ApoE <sup>-/-</sup> mice. <i>Atherosclerosis</i> , 2016, 255, 164-170.	0.4	15
29	StemBell therapy stabilizes atherosclerotic plaques after myocardial infarction. <i>Cytotherapy</i> , 2018, 20, 1143-1154.	0.3	10
30	Heat-Inactivated Akkermansia muciniphila Improves Gut Permeability but Does Not Prevent Development of Non-Alcoholic Steatohepatitis in Diet-Induced Obese Ldlr <sup>-/-</sup> .Leiden Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2325.	1.8	10
31	The Human Milk Oligosaccharide 2-Fucosyllactose Alleviates Liver Steatosis, ER Stress and Insulin Resistance by Reducing Hepatic Diacylglycerols and Improved Gut Permeability in Obese Ldlr <sup>-/-</sup> .Leiden Mice. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	10
32	Protective effect of rosiglitazone on kidney function in high-fat challenged human-CRP transgenic mice: a possible role for adiponectin and miR-21?. <i>Scientific Reports</i> , 2017, 7, 2915.	1.6	9
33	LPS-Induced Systemic Inflammation Does Not Alter Atherosclerotic Plaque Area or Inflammation in APOE <sup>3</sup> LEIDEN Mice in the Early Phase Up to 15 Days. <i>Shock</i> , 2018, 50, 360-365.	1.0	9
34	High fat diet-induced obesity prolongs critical stages of the spermatogenic cycle in a Ldlr <sup>-/-</sup> .Leiden mouse model. <i>Scientific Reports</i> , 2022, 12, 430.	1.6	9
35	Short-term LPS induces aortic valve thickening in ApoE <sup>3</sup> Leiden mice. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13121.	1.7	7
36	Milk fat globule membrane attenuates high fat diet-induced neuropathological changes in obese Ldlr <sup>-/-</sup> .Leiden mice. <i>International Journal of Obesity</i> , 2022, 46, 342-349.	1.6	7

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37	StemBell therapy stabilizes atherosclerotic plaques after myocardial infarction. Journal of Molecular and Cellular Cardiology, 2018, 120, 47.	0.9	0