Kristiaan A M Wouters

List of Publications by Year
in descending order

63	3,340	186265	144013
papers	citations	28 h-index	57 g-index

68	68	68	6334
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dietary cholesterol, rather than liver steatosis, leads to hepatic inflammation in hyperlipidemic mouse models of nonalcoholic steatohepatitis. Hepatology, 2008, 48, 474-486.	7.3	413
2	Roles of PPARs in NAFLD: Potential therapeutic targets. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 809-818.	2.4	229
3	Macrophage MicroRNA-155 Promotes Cardiac Hypertrophy and Failure. Circulation, 2013, 128, 1420-1432.	1.6	225
4	Early diet-induced non-alcoholic steatohepatitis in APOE2 knock-in mice and its prevention by fibrates. Journal of Hepatology, 2006, 44, 732-741.	3.7	213
5	Abdominal subcutaneous and visceral adipocyte size, lipolysis and inflammation relate to insulin resistance in male obese humans. Scientific Reports, 2018, 8, 4677.	3.3	160
6	Higher levels of advanced glycation endproducts in human carotid atherosclerotic plaques are associated with a rupture-prone phenotype. European Heart Journal, 2014, 35, 1137-1146.	2.2	138
7	Role of Scavenger Receptor A and CD36 in Diet-Induced Nonalcoholic Steatohepatitis in Hyperlipidemic Mice. Gastroenterology, 2010, 138, 2477-2486.e3.	1.3	137
8	Functional genomics of the CDKN2A/B locus in cardiovascular and metabolic disease: what have we learned from GWASs?. Trends in Endocrinology and Metabolism, 2015, 26, 176-184.	7.1	137
9	LDL Receptor Knock-Out Mice Are a Physiological Model Particularly Vulnerable to Study the Onset of Inflammation in Non-Alcoholic Fatty Liver Disease. PLoS ONE, 2012, 7, e30668.	2.5	135
10	Understanding hyperlipidemia and atherosclerosis: lessons from genetically modified apoe and ldlr mice. Clinical Chemistry and Laboratory Medicine, 2005, 43, 470-9.	2.3	125
11	Adipose tissue macrophages induce hepatic neutrophil recruitment and macrophage accumulation in mice. Gut, 2018, 67, 1317-1327.	12.1	108
12	Internalization of Modified Lipids by CD36 and SR-A Leads to Hepatic Inflammation and Lysosomal Cholesterol Storage in Kupffer Cells. PLoS ONE, 2012, 7, e34378.	2.5	104
13	Intrahepatic cholesterol influences progression, inhibition and reversal of nonâ€alcoholic steatohepatitis in hyperlipidemic mice. FEBS Letters, 2010, 584, 1001-1005.	2.8	93
14	p16INK4a deficiency promotes IL-4â€“induced polarization and inhibits proinflammatory signaling in macrophages. Blood, 2011, 118, 2556-2566.	1.4	89
15	Plant-based sterols and stanols in health & disease: â€œConsequences of human development in a plant-based environment?â€• Progress in Lipid Research, 2019, 74, 87-102.	11.6	84
16	Circulating classical monocytes are associated with CD11c+ macrophages in human visceral adipose tissue. Scientific Reports, 2017, 7, 42665.	3.3	75
17	Peroxisome Proliferatorâ€“Activated Receptor-Î± Gene Level Differently Affects Lipid Metabolism and Inflammation in Apolipoprotein E2 Knock-In Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1573-1579.	2.4	66
18	Human Adipose Tissue Macrophages Display Activation of Cancer-related Pathways. Journal of Biological Chemistry, 2012, 287, 21904-21913.	3.4	60

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19	Methylglyoxal-Derived Advanced Glycation Endproducts in Multiple Sclerosis. International Journal of Molecular Sciences, 2017, 18, 421.	4.1	57
20	Hepatic PPARÎ± is critical in the metabolic adaptation to sepsis. Journal of Hepatology, 2019, 70, 963-973.	3.7	53
21	Delayed Intervention With Pyridoxamine Improves Metabolic Function and Prevents Adipose Tissue Inflammation and Insulin Resistance in High-Fat Dietâ€"Induced Obese Mice. Diabetes, 2016, 65, 956-966.	0.6	51
22	Activation of intestinal peroxisome proliferator-activated receptor-Â increases high-density lipoprotein production. European Heart Journal, 2013, 34, 2566-2574.	2.2	44
23	Dietary advanced glycation endproducts (AGEs) increase their concentration in plasma and tissues, result in inflammation and modulate gut microbial composition in mice; evidence for reversibility. Food Research International, 2021, 147, 110547.	6.2	41
24	Deficiency of the oxygen sensor prolyl hydroxylase 1 attenuates hypercholesterolaemia, atherosclerosis, and hyperglycaemia. European Heart Journal, 2016, 37, 2993-2997.	2.2	40
25	Cardiac Troponin T and I Release After a 30-km Run. American Journal of Cardiology, 2016, 118, 281-287.	1.6	33
26	Downregulation of the tumour suppressor p16INK4A contributes to the polarisation of human macrophages toward an adipose tissue macrophage (ATM)-like phenotype. Diabetologia, 2011, 54, 3150-3156.	6.3	31
27	Scavenger receptor collectin placenta 1 is a novel receptor involved in the uptake of myelin by phagocytes. Scientific Reports, 2017, 7, 44794.	3.3	30
28	Methylglyoxal-Derived Advanced Glycation Endproducts Accumulate in Multiple Sclerosis Lesions. Frontiers in Immunology, 2019, 10, 855.	4.8	30
29	Anticoagulant Effect of Dietary Fish Oil in Hyperlipidemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 2023-2029.	2.4	28
30	A novel 72-kDa leukocyte-derived osteoglycin enhances the activation of toll-like receptor 4 and exacerbates cardiac inflammation during viral myocarditis. Cellular and Molecular Life Sciences, 2017, 74, 1511-1525.	5.4	28
31	Macrophage complexity in human atherosclerosis: opportunities for treatment?. Current Opinion in Lipidology, 2017, 28, 419-426.	2.7	22
32	RAGE deficiency does not affect non-alcoholic steatohepatitis and atherosclerosis in Western type diet-fed Ldlrâ^'/â^' mice. Scientific Reports, 2018, 8, 15256.	3.3	20
33	Glyoxalase 1 overexpression does not affect atherosclerotic lesion size and severity in ApoEâ^'/â^' mice with or without diabetes. Cardiovascular Research, 2014, 104, 160-170.	3.8	19
34	Ablation of CD8Î±+ dendritic cell mediated cross-presentation does not impact atherosclerosis in hyperlipidemic mice. Scientific Reports, 2015, 5, 15414.	3.3	19
35	High-density lipoprotein cholesterol efflux capacity is not associated with atherosclerosis and prevalence of cardiovascular outcome: The CODAM study. Journal of Clinical Lipidology, 2020, 14, 122-132.e4.	1.5	19
36	The endothelial function biomarker soluble Eâ€selectin is associated with nonalcoholic fatty liver disease. Liver International, 2020, 40, 1079-1088.	3.9	17

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37	The tumour suppressor CDKN2A/p16INK4a regulates adipogenesis and bone marrow-dependent development of perivascular adipose tissue. Diabetes and Vascular Disease Research, 2017, 14, 516-524.	2.0	16
38	CERTL reduces C16 ceramide, amyloid-Î² levels, and inflammation in a model of Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2021, 13, 45.	6.2	16
39	Advanced Glycation Endproducts Are Increased in the Animal Model of Multiple Sclerosis but Cannot Be Reduced by Pyridoxamine Treatment or Glyoxalase 1 Overexpression. International Journal of Molecular Sciences, 2018, 19, 1311.	4.1	15
40	Bone Marrow p16INK4a-Deficiency Does Not Modulate Obesity, Glucose Homeostasis or Atherosclerosis Development. PLoS ONE, 2012, 7, e32440.	2.5	14
41	Altered hepatic sphingolipid metabolism in insulin resistant mice: Role of advanced glycation endproducts. Free Radical Biology and Medicine, 2021, 169, 425-435.	2.9	12
42	Parity-induced changes in global gene expression in the human mammary gland. European Journal of Cancer Prevention, 2005, 14, 129-137.	1.3	11
43	NK cells in human visceral adipose tissue contribute to obesityâ€associated insulin resistance through lowâ€grade inflammation. Clinical and Translational Medicine, 2020, 10, e192.	4.0	11
44	A novel data fusion method for the effective analysis of multiple panels of flow cytometry data. Scientific Reports, 2019, 9, 6777.	3.3	10
45	Hepatic Fat Content and Liver Enzymes Are Associated with Circulating Free and Protein-Bound Advanced Glycation End Products, Which Are Associated with Low-Grade Inflammation: The CODAM Study. Journal of Diabetes Research, 2019, 2019, 1-10.	2.3	10
46	A mouse model of humanized liver shows a human-like lipid profile, but does not form atherosclerotic plaque after western type diet. Biochemical and Biophysical Research Communications, 2020, 524, 510-515.	2.1	9
47	Liver X receptor beta deficiency attenuates autoimmune-associated neuroinflammation in a T cell-dependent manner. Journal of Autoimmunity, 2021, 124, 102723.	6.5	8
48	Characterization of Immune Cells in Human Adipose Tissue by Using Flow Cytometry. Journal of Visualized Experiments, 2018, , .	0.3	6
49	Adipose tissue macrophages do not affect atherosclerosis development in mice. Atherosclerosis, 2019, 281, 31-37.	0.8	6
50	Deletion of RAGE fails to prevent hepatosteatosis in obese mice due to impairment of other AGEs receptors and detoxifying systems. Scientific Reports, 2021, 11, 17373.	3.3	6
51	Immunometabolism and the modulation of immune responses and host defense: A role for methylglyoxal?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166425.	3.8	5
52	Associations of cells from both innate and adaptive immunity with lower nerve conduction velocity: the Maastricht Study. BMJ Open Diabetes Research and Care, 2021, 9, e001698.	2.8	4
53	Adipose tissue macrophages induce hepatic neutrophil recruitment and macrophage accumulation in mice. Journal of Hepatology, 2017, 66, S600.	3.7	2
54	Multi-set Pre-processing of Multicolor Flow Cytometry Data. Scientific Reports, 2020, 10, 9716.	3.3	2

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55	Partial Inhibition Of The Key Glycolytic Enzyme Pfkfb3 In Myeloid Cells Impacts Whole-Body Immune Cell And Liver Metabolism, But Not Atherogenesis.. Atherosclerosis, 2019, 287, e19-e20.	0.8	1
56	High-throughput single cell data analysis â€“ A tutorial. Analytica Chimica Acta, 2021, 1185, 338872.	5.4	1
57	CD11câ^'MHC2low Macrophages Are a New Inflammatory and Dynamic Subset in Murine Adipose Tissue. Immunometabolism, 2020, 2, e200015.	1.6	1
58	Modulating liver inflammation: a crucial role for cholesterol. Chemistry and Physics of Lipids, 2008, 154, S14.	3.2	0
59	A central role for cholesterol metabolism and inflammation during the inhibition of non-alcoholic steatohepatitis with a synthetic PPARÎ± agonist. Chemistry and Physics of Lipids, 2008, 154, S56.	3.2	0
60	PS1 - 2. Role of the tumour suppressor CDKN2A/p16INK4a in the development of perivascular adipose tissue. Nederlands Tijdschrift Voor Diabetologie, 2013, 11, 133-134.	0.0	0
61	PS1 - 10. Obesity induces CD11c+ macrophages in murine adipose tissue which are distinctive from, but resemble, dendritic cells. Nederlands Tijdschrift Voor Diabetologie, 2013, 11, 148-149.	0.0	0
62	Adipose Tissue Macrophages Induce Hepatic Neutrophil Recruitment And Macrophage Accumulation Without Affecting Atherosclerosis Development In Mice.. Atherosclerosis, 2019, 287, e13.	0.8	0
63	Abstract 388: High-density Lipoprotein Cholesterol Efflux Capacity is not associated with Atherosclerosis and Cardiovascular Events: the CODAM Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	2.4	0