

Kristiaan A M Wouters

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

3,340
citations

186265
28
h-index

144013
57
g-index

68
all docs

68
docs citations

68
times ranked

6334
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunometabolism and the modulation of immune responses and host defense: A role for methylglyoxal?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166425.	3.8	5
2	Associations of cells from both innate and adaptive immunity with lower nerve conduction velocity: the Maastricht Study. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001698.	2.8	4
3	CERTL reduces C16 ceramide, amyloid- β^2 levels, and inflammation in a model of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 45.	6.2	16
4	Altered hepatic sphingolipid metabolism in insulin resistant mice: Role of advanced glycation endproducts. <i>Free Radical Biology and Medicine</i> , 2021, 169, 425-435.	2.9	12
5	High-throughput single cell data analysis – A tutorial. <i>Analytica Chimica Acta</i> , 2021, 1185, 338872.	5.4	1
6	Deletion of RAGE fails to prevent hepatosteatosis in obese mice due to impairment of other AGEs receptors and detoxifying systems. <i>Scientific Reports</i> , 2021, 11, 17373.	3.3	6
7	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. <i>Food Research International</i> , 2021, 147, 110547.	6.2	41
8	Liver X receptor beta deficiency attenuates autoimmune-associated neuroinflammation in a T cell-dependent manner. <i>Journal of Autoimmunity</i> , 2021, 124, 102723.	6.5	8
9	High-density lipoprotein cholesterol efflux capacity is not associated with atherosclerosis and prevalence of cardiovascular outcome: The CODAM study. <i>Journal of Clinical Lipidology</i> , 2020, 14, 122-132.e4.	1.5	19
10	NK cells in human visceral adipose tissue contribute to obesity-associated insulin resistance through low-grade inflammation. <i>Clinical and Translational Medicine</i> , 2020, 10, e192.	4.0	11
11	Multi-set Pre-processing of Multicolor Flow Cytometry Data. <i>Scientific Reports</i> , 2020, 10, 9716.	3.3	2
12	The endothelial function biomarker soluble E-selectin is associated with nonalcoholic fatty liver disease. <i>Liver International</i> , 2020, 40, 1079-1088.	3.9	17
13	A mouse model of humanized liver shows a human-like lipid profile, but does not form atherosclerotic plaque after western type diet. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 510-515.	2.1	9
14	CD11c ⁺ MHC2 ^{low} Macrophages Are a New Inflammatory and Dynamic Subset in Murine Adipose Tissue. <i>Immunometabolism</i> , 2020, 2, e200015.	1.6	1
15	Partial Inhibition Of The Key Glycolytic Enzyme Pfkfb3 In Myeloid Cells Impacts Whole-Body Immune Cell And Liver Metabolism, But Not Atherogenesis.. <i>Atherosclerosis</i> , 2019, 287, e19-e20.	0.8	1
16	Adipose Tissue Macrophages Induce Hepatic Neutrophil Recruitment And Macrophage Accumulation Without Affecting Atherosclerosis Development In Mice.. <i>Atherosclerosis</i> , 2019, 287, e13.	0.8	0
17	Hepatic PPAR α is critical in the metabolic adaptation to sepsis. <i>Journal of Hepatology</i> , 2019, 70, 963-973.	3.7	53
18	A novel data fusion method for the effective analysis of multiple panels of flow cytometry data. <i>Scientific Reports</i> , 2019, 9, 6777.	3.3	10

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19	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. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-10.	2.3	10
20	Methylglyoxal-Derived Advanced Glycation Endproducts Accumulate in Multiple Sclerosis Lesions. <i>Frontiers in Immunology</i> , 2019, 10, 855.	4.8	30
21	Plant-based sterols and stanols in health & disease: Consequences of human development in a plant-based environment? <i>Progress in Lipid Research</i> , 2019, 74, 87-102.	11.6	84
22	Adipose tissue macrophages do not affect atherosclerosis development in mice. <i>Atherosclerosis</i> , 2019, 281, 31-37.	0.8	6
23	Characterization of Immune Cells in Human Adipose Tissue by Using Flow Cytometry. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	6
24	Abdominal subcutaneous and visceral adipocyte size, lipolysis and inflammation relate to insulin resistance in male obese humans. <i>Scientific Reports</i> , 2018, 8, 4677.	3.3	160
25	Adipose tissue macrophages induce hepatic neutrophil recruitment and macrophage accumulation in mice. <i>Gut</i> , 2018, 67, 1317-1327.	12.1	108
26	RAGE deficiency does not affect non-alcoholic steatohepatitis and atherosclerosis in Western type diet-fed Ldlr ^{-/-} mice. <i>Scientific Reports</i> , 2018, 8, 15256.	3.3	20
27	Advanced Glycation Endproducts Are Increased in the Animal Model of Multiple Sclerosis but Cannot Be Reduced by Pyridoxamine Treatment or Glyoxalase 1 Overexpression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1311.	4.1	15
28	Abstract 388: High-density Lipoprotein Cholesterol Efflux Capacity is not associated with Atherosclerosis and Cardiovascular Events: the CODAM Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	2.4	0
29	Circulating classical monocytes are associated with CD11c+ macrophages in human visceral adipose tissue. <i>Scientific Reports</i> , 2017, 7, 42665.	3.3	75
30	Scavenger receptor collectin placenta 1 is a novel receptor involved in the uptake of myelin by phagocytes. <i>Scientific Reports</i> , 2017, 7, 44794.	3.3	30
31	The tumour suppressor CDKN2A/p16INK4a regulates adipogenesis and bone marrow-dependent development of perivascular adipose tissue. <i>Diabetes and Vascular Disease Research</i> , 2017, 14, 516-524.	2.0	16
32	Adipose tissue macrophages induce hepatic neutrophil recruitment and macrophage accumulation in mice. <i>Journal of Hepatology</i> , 2017, 66, S600.	3.7	2
33	Macrophage complexity in human atherosclerosis: opportunities for treatment?. <i>Current Opinion in Lipidology</i> , 2017, 28, 419-426.	2.7	22
34	A novel 72-kDa leukocyte-derived osteoglycin enhances the activation of toll-like receptor 4 and exacerbates cardiac inflammation during viral myocarditis. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 1511-1525.	5.4	28
35	Methylglyoxal-Derived Advanced Glycation Endproducts in Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 421.	4.1	57
36	Cardiac Troponin T and I Release After a 30-km Run. <i>American Journal of Cardiology</i> , 2016, 118, 281-287.	1.6	33

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37	Deficiency of the oxygen sensor prolyl hydroxylase 1 attenuates hypercholesterolaemia, atherosclerosis, and hyperglycaemia. <i>European Heart Journal</i> , 2016, 37, 2993-2997.	2.2	40
38	Delayed Intervention With Pyridoxamine Improves Metabolic Function and Prevents Adipose Tissue Inflammation and Insulin Resistance in High-Fat Diet-Induced Obese Mice. <i>Diabetes</i> , 2016, 65, 956-966.	0.6	51
39	Ablation of CD8 ⁺ dendritic cell mediated cross-presentation does not impact atherosclerosis in hyperlipidemic mice. <i>Scientific Reports</i> , 2015, 5, 15414.	3.3	19
40	Functional genomics of the CDKN2A/B locus in cardiovascular and metabolic disease: what have we learned from GWAS?. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 176-184.	7.1	137
41	Glyoxalase 1 overexpression does not affect atherosclerotic lesion size and severity in ApoE ^{-/-} mice with or without diabetes. <i>Cardiovascular Research</i> , 2014, 104, 160-170.	3.8	19
42	Higher levels of advanced glycation endproducts in human carotid atherosclerotic plaques are associated with a rupture-prone phenotype. <i>European Heart Journal</i> , 2014, 35, 1137-1146.	2.2	138
43	Macrophage MicroRNA-155 Promotes Cardiac Hypertrophy and Failure. <i>Circulation</i> , 2013, 128, 1420-1432.	1.6	225
44	Activation of intestinal peroxisome proliferator-activated receptor- α increases high-density lipoprotein production. <i>European Heart Journal</i> , 2013, 34, 2566-2574.	2.2	44
45	PS1 - 2. Role of the tumour suppressor CDKN2A/p16INK4a in the development of perivascular adipose tissue. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2013, 11, 133-134.	0.0	0
46	PS1 - 10. Obesity induces CD11c+ macrophages in murine adipose tissue which are distinctive from, but resemble, dendritic cells. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2013, 11, 148-149.	0.0	0
47	Human Adipose Tissue Macrophages Display Activation of Cancer-related Pathways. <i>Journal of Biological Chemistry</i> , 2012, 287, 21904-21913.	3.4	60
48	Roles of PPARs in NAFLD: Potential therapeutic targets. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 809-818.	2.4	229
49	LDL Receptor Knock-Out Mice Are a Physiological Model Particularly Vulnerable to Study the Onset of Inflammation in Non-Alcoholic Fatty Liver Disease. <i>PLoS ONE</i> , 2012, 7, e30668.	2.5	135
50	Bone Marrow p16INK4a-Deficiency Does Not Modulate Obesity, Glucose Homeostasis or Atherosclerosis Development. <i>PLoS ONE</i> , 2012, 7, e32440.	2.5	14
51	Internalization of Modified Lipids by CD36 and SR-A Leads to Hepatic Inflammation and Lysosomal Cholesterol Storage in Kupffer Cells. <i>PLoS ONE</i> , 2012, 7, e34378.	2.5	104
52	p16INK4a deficiency promotes IL-4-induced polarization and inhibits proinflammatory signaling in macrophages. <i>Blood</i> , 2011, 118, 2556-2566.	1.4	89
53	Downregulation of the tumour suppressor p16INK4A contributes to the polarisation of human macrophages toward an adipose tissue macrophage (ATM)-like phenotype. <i>Diabetologia</i> , 2011, 54, 3150-3156.	6.3	31
54	Peroxisome Proliferator-Activated Receptor- α Gene Level Differently Affects Lipid Metabolism and Inflammation in Apolipoprotein E2 Knock-In Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1573-1579.	2.4	66

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55	Intrahepatic cholesterol influences progression, inhibition and reversal of non-alcoholic steatohepatitis in hyperlipidemic mice. <i>FEBS Letters</i> , 2010, 584, 1001-1005.	2.8	93
56	Role of Scavenger Receptor A and CD36 in Diet-Induced Nonalcoholic Steatohepatitis in Hyperlipidemic Mice. <i>Gastroenterology</i> , 2010, 138, 2477-2486.e3.	1.3	137
57	Modulating liver inflammation: a crucial role for cholesterol. <i>Chemistry and Physics of Lipids</i> , 2008, 154, S14.	3.2	0
58	Dietary cholesterol, rather than liver steatosis, leads to hepatic inflammation in hyperlipidemic mouse models of nonalcoholic steatohepatitis. <i>Hepatology</i> , 2008, 48, 474-486.	7.3	413
59	A central role for cholesterol metabolism and inflammation during the inhibition of non-alcoholic steatohepatitis with a synthetic PPAR α agonist. <i>Chemistry and Physics of Lipids</i> , 2008, 154, S56.	3.2	0
60	Anticoagulant Effect of Dietary Fish Oil in Hyperlipidemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 2023-2029.	2.4	28
61	Early diet-induced non-alcoholic steatohepatitis in APOE2 knock-in mice and its prevention by fibrates. <i>Journal of Hepatology</i> , 2006, 44, 732-741.	3.7	213
62	Parity-induced changes in global gene expression in the human mammary gland. <i>European Journal of Cancer Prevention</i> , 2005, 14, 129-137.	1.3	11
63	Understanding hyperlipidemia and atherosclerosis: lessons from genetically modified apoe and ldlr mice. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 470-9.	2.3	125