

Marit Westerterp

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

3,861
citations

201674

27
h-index

161849

54
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57
all docs

57
docs citations

57
times ranked

5631
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperglycemia Promotes Myelopoiesis and Impairs the Resolution of Atherosclerosis. <i>Cell Metabolism</i> , 2013, 17, 695-708.	16.2	452
2	Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. <i>Science Translational Medicine</i> , 2016, 8, 333ra50.	12.4	271
3	Lymphatic vasculature mediates macrophage reverse cholesterol transport in mice. <i>Journal of Clinical Investigation</i> , 2013, 123, 1571-1579.	8.2	255
4	Deficiency of ATP-Binding Cassette Transporters A1 and G1 in Macrophages Increases Inflammation and Accelerates Atherosclerosis in Mice. <i>Circulation Research</i> , 2013, 112, 1456-1465.	4.5	253
5	The AIM2 inflammasome exacerbates atherosclerosis in clonal haematopoiesis. <i>Nature</i> , 2021, 592, 296-301.	27.8	236
6	A Proinflammatory Gut Microbiota Increases Systemic Inflammation and Accelerates Atherosclerosis. <i>Circulation Research</i> , 2019, 124, 94-100.	4.5	226
7	Regulation of Hematopoietic Stem and Progenitor Cell Mobilization by Cholesterol Efflux Pathways. <i>Cell Stem Cell</i> , 2012, 11, 195-206.	11.1	217
8	Cholesterol Efflux Pathways Suppress Inflammasome Activation, NETosis, and Atherogenesis. <i>Circulation</i> , 2018, 138, 898-912.	1.6	208
9	ATP-Binding Cassette Transporters, Atherosclerosis, and Inflammation. <i>Circulation Research</i> , 2014, 114, 157-170.	4.5	206
10	Cholesterol Accumulation in Dendritic Cells Links the Inflammasome to Acquired Immunity. <i>Cell Metabolism</i> , 2017, 25, 1294-1304.e6.	16.2	153
11	HDL in the 21st Century: A Multifunctional Roadmap for Future HDL Research. <i>Circulation</i> , 2021, 143, 2293-2309.	1.6	123
12	Disruption of Glut1 in Hematopoietic Stem Cells Prevents Myelopoiesis and Enhanced Glucose Flux in Atheromatous Plaques of <i>ApoE</i> ^{-/-} Mice. <i>Circulation Research</i> , 2016, 118, 1062-1077.	4.5	93
13	Deficiency of ATP-Binding Cassette Transporters A1 and G1 in Endothelial Cells Accelerates Atherosclerosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1328-1337.	2.4	92
14	Inflammasomes, neutrophil extracellular traps, and cholesterol. <i>Journal of Lipid Research</i> , 2019, 60, 721-727.	4.2	92
15	Anti-Inflammatory Effects of HDL (High-Density Lipoprotein) in Macrophages Predominate Over Proinflammatory Effects in Atherosclerotic Plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, e253-e272.	2.4	86
16	Activation of Liver X Receptor Decreases Atherosclerosis in <i>Ldlr</i> ^{-/-} Mice in the Absence of ATP-Binding Cassette Transporters A1 and G1 in Myeloid Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 279-284.	2.4	72
17	TTC39B deficiency stabilizes LXR reducing both atherosclerosis and steatohepatitis. <i>Nature</i> , 2016, 535, 303-307.	27.8	72
18	Interleukin-3/Granulocyte Macrophage Colony-Stimulating Factor Receptor Promotes Stem Cell Expansion, Monocytosis, and Atheroma Macrophage Burden in Mice With Hematopoietic <i>ApoE</i> Deficiency. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 976-984.	2.4	65

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19	LXR Suppresses Inflammatory Gene Expression and Neutrophil Migration through cis-Repression and Cholesterol Efflux. <i>Cell Reports</i> , 2018, 25, 3774-3785.e4.	6.4	64
20	Cholesterol efflux pathways, inflammation, and atherosclerosis. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2021, 56, 426-439.	5.2	63
21	Expanded Granulocyte/Monocyte Compartment in Myeloid-Specific Triple FoxO Knockout Increases Oxidative Stress and Accelerates Atherosclerosis in Mice. <i>Circulation Research</i> , 2013, 112, 992-1003.	4.5	60
22	Adipose-specific Lipoprotein Lipase Deficiency More Profoundly Affects Brown than White Fat Biology. <i>Journal of Biological Chemistry</i> , 2013, 288, 14046-14058.	3.4	51
23	Increased Systemic and Plaque Inflammation in <i>ABCA1</i> Mutation Carriers With Attenuation by Statins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1663-1669.	2.4	50
24	ABC Transporters, Cholesterol Efflux, and Implications for Cardiovascular Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1276, 67-83.	1.6	35
25	A critical role for ABC transporters in persistent lung inflammation in the development of emphysema after smoke exposure. <i>FASEB Journal</i> , 2018, 32, 6724-6736.	0.5	34
26	Maintenance of Macrophage Redox Status by ChREBP Limits Inflammation and Apoptosis and Protects against Advanced Atherosclerotic Lesion Formation. <i>Cell Reports</i> , 2015, 13, 132-144.	6.4	32
27	Cholangiopathy and Biliary Fibrosis in <i>Cyp2c70</i> -Deficient Mice Are Fully Reversed by Ursodeoxycholic Acid. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 1045-1069.	4.5	31
28	Beyond Lipoprotein(a) plasma measurements: Lipoprotein(a) and inflammation. <i>Pharmacological Research</i> , 2021, 169, 105689.	7.1	29
29	Impact of Perturbed Pancreatic β -Cell Cholesterol Homeostasis on Adipose Tissue and Skeletal Muscle Metabolism. <i>Diabetes</i> , 2016, 65, 3610-3620.	0.6	28
30	Increased Atherosclerosis in Mice With Vascular ATP-Binding Cassette Transporter G1 Deficiency—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2103-2105.	2.4	26
31	Myeloid-specific genetic ablation of ATP-binding cassette transporter ABCA1 is protective against cancer. <i>Oncotarget</i> , 2017, 8, 71965-71980.	1.8	26
32	T cell cholesterol efflux suppresses apoptosis and senescence and increases atherosclerosis in middle aged mice. <i>Nature Communications</i> , 2022, 13, .	12.8	21
33	Liver X receptors are required for thymic resilience and T cell output. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	20
34	Disordered haematopoiesis and cardiovascular disease: a focus on myelopoiesis. <i>Clinical Science</i> , 2018, 132, 1889-1899.	4.3	14
35	SORTILIN. <i>Circulation Research</i> , 2015, 116, 764-766.	4.5	12
36	Sex-Dependent inflammatory effects of 27 α -hydroxycholesterol are mediated via differences in estrogen signaling. <i>Journal of Pathology</i> , 2020, 251, 429-439.	4.5	9

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37	Pneumococcal Immunization Reduces Neurological and Hepatic Symptoms in a Mouse Model for Niemann-Pick Type C1 Disease. <i>Frontiers in Immunology</i> , 2018, 9, 3089.	4.8	8
38	Pro-Inflammatory Implications of 2-Hydroxypropyl- β -cyclodextrin Treatment. <i>Frontiers in Immunology</i> , 2021, 12, 716357.	4.8	8
39	Hepatic FoxOs link insulin signaling with plasma lipoprotein metabolism through an apolipoprotein M/sphingosine-1-phosphate pathway. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	8
40	High-Density Lipoproteins, Endothelial Function, and Mendelian Randomization. <i>Circulation Research</i> , 2016, 119, 13-15.	4.5	7
41	Adipocyte Membrane Cholesterol Regulates Obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 687-689.	2.4	6
42	A Pad 4 Plaque Erosion. <i>Circulation Research</i> , 2018, 123, 6-8.	4.5	6
43	A new pathway of macrophage cholesterol efflux. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11853-11855.	7.1	6
44	Pirfenidone ameliorates pulmonary arterial pressure and neointimal remodeling in experimental pulmonary arterial hypertension by suppressing NLRP3 inflammasome activation. <i>Pulmonary Circulation</i> , 2022, 12, .	1.7	6
45	Dietary plant stanol ester supplementation reduces peripheral symptoms in a mouse model of Niemann-Pick type C1 disease. <i>Journal of Lipid Research</i> , 2020, 61, 830-839.	4.2	5
46	AIBP decreases atherogenesis by augmenting cholesterol efflux. <i>Atherosclerosis</i> , 2018, 273, 117-118.	0.8	4
47	The Influence of a Conjugated Pneumococcal Vaccination on Plasma Antibody Levels against Oxidized Low-Density Lipoprotein in Metabolic Disease Patients: A Single-Arm Pilot Clinical Trial. <i>Antioxidants</i> , 2021, 10, 129.	5.1	4
48	Myeloid cells regulate plasma LDL-cholesterol levels. <i>Current Opinion in Lipidology</i> , 2018, 29, 233-239.	2.7	3
49	LDL-cholesterol drives reversible myelomonocytic skewing in human bone marrow. <i>European Heart Journal</i> , 2021, 42, 4321-4323.	2.2	3
50	Hepatocyte-specific glucose-6-phosphatase deficiency disturbs platelet aggregation and decreases blood monocytes upon fasting-induced hypoglycemia. <i>Molecular Metabolism</i> , 2021, 53, 101265.	6.5	3
51	A New Small Molecule Increases Cholesterol Efflux. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1851-1853.	2.4	2
52	Large HDL particles negatively associate with leukocyte counts independent of cholesterol efflux capacity: A cross sectional study in the population-based LifeLines DEEP cohort. <i>Atherosclerosis</i> , 2022, 343, 20-27.	0.8	2
53	Adeno-Associated Viruses as a Method to Induce Atherosclerosis in Mice and Hamsters. <i>Circulation Research</i> , 2014, 114, 1672-1674.	4.5	1
54	Elevated granulocyte-colony stimulating factor and hematopoietic stem cell mobilization in Niemann-Pick type C1 disease. <i>Journal of Lipid Research</i> , 2022, 63, 100167.	4.2	1

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55	Increased atherosclerosis in a mouse model of glycogen storage disease type 1a. <i>Molecular Genetics and Metabolism Reports</i> , 2022, 31, 100872.	1.1	1
56	Abstract 523: Regulation of Pancreatic β -cell Gene Expression and Function by ABCA1 and ABCG1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	2.4	0