Menno Hoekstra

List of Publications by Year
in descending order

98	4,730	117453	98622
papers	citations	34 h-index	67 g-index

99	99	99	5906
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Apolipoprotein A1 deficiency in mice primes bone marrow stem cells for T cell lymphopoiesis. Journal of Cell Science, 2022, 135, .	1.2	4
2	PRMT3 inhibitor SGC707 reduces triglyceride levels and induces pruritus in Western-type diet-fed LDL receptor knockout mice. Scientific Reports, 2022, 12, 483.	1.6	1
3	Epidermal <scp>1â€<‌/scp>Oâ€acylceramides appear with the establishment of the water permeability barrier in mice and are produced by maturating keratinocytes. Lipids, 2022, 57, 183-195.	0.7	3
4	Hypocholesterolemic phospholipid transfer protein knockout mice exhibit a normal glucocorticoid response to food deprivation.. American Journal of Translational Research (discontinued), 2022, 14, 1884-1891.	0.0	0
5	Atherosclerosis regression is associated with both infiltration of new leukocytes into the plaque and a shift in macrophage polarization towards a more migratory phenotype. Atherosclerosis, 2022, 356, 50-52.	0.4	1
6	Impact of bone marrow ATP-binding cassette transporter A1 deficiency on atherogenesis is independent of the presence of the low-density lipoprotein receptor. Atherosclerosis, 2021, 319, 79-85.	0.4	4
7	SR-BI deficiency disassociates obesity from hepatic steatosis and glucose intolerance development in high fat diet-fed mice. Journal of Nutritional Biochemistry, 2021, 89, 108564.	1.9	10
8	Hematopoietic upstream stimulating factor 1 deficiency is associated with increased atherosclerosis susceptibility in LDL receptor knockout mice. Scientific Reports, 2021, 11, 16419.	1.6	4
9	Bone Marrow Ts65Dn Trisomy-Induced Changes in Platelet Functionality and Lymphocytopenia Do Not Impact Atherosclerosis Susceptibility in Mice. Journal of Cardiovascular Development and Disease, 2021, 8, 110.	0.8	0
10	Hyperalphalipoproteinemic scavenger receptor BI knockout mice exhibit a disrupted epidermal lipid barrier. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158592.	1.2	10
11	Identification of scavenger receptor BI as a potential screening candidate for congenital primary adrenal insufficiency in humans. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E102-E104.	1.8	3
12	VLDL/LDL serves as the primary source of cholesterol in the adrenal glucocorticoid response to food deprivation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158682.	1.2	2
13	Probucol-induced hypocholesterolemia is not associated with exacerbated foam cell formation in ABCG1 knockout mice. Atherosclerosis, 2020, 296, 91-92.	0.4	0
14	Disruption of Phospholipid Transfer Proteinâ€“Mediated High-Density Lipoprotein Maturation Reduces Scavenger Receptor BI Deficiencyâ€“Driven Atherosclerosis Susceptibility Despite Unexpected Metabolic Complications. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 611-623.	1.1	5
15	Glucocorticoids are active players and therapeutic targets in atherosclerotic cardiovascular disease. Molecular and Cellular Endocrinology, 2020, 504, 110728.	1.6	16
16	Hematopoietic Stabilin-1 deficiency does not influence atherosclerosis susceptibility in LDL receptor knockout mice. Atherosclerosis, 2019, 281, 47-55.	0.4	6
17	Letter by Hoekstra et al Regarding Article, â€œDeletion of Macrophage Low-Density Lipoprotein Receptor-Related Protein 1 (LRP1) Accelerates Atherosclerosis Regression and Increases C-C Chemokine Receptor Type 7 (CCR7) Expression in Plaque Macrophagesâ€. Circulation, 2019, 139, 1981-1982.	1.6	0
18	Hypercholesterolemia in young adult APOE mice alters epidermal lipid composition and impairs barrier function. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 976-984.	1.2	8

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19	Elimination of adrenocortical apolipoprotein E production does not impact glucocorticoid output in wild-type mice. Molecular and Cellular Endocrinology, 2019, 490, 21-27.	1.6	1
20	Inhibition of PRMT3 activity reduces hepatic steatosis without altering atherosclerosis susceptibility in apoE knockout mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1402-1409.	1.8	9
21	Proteoglycan 4 deficiency protects against glucose intolerance and fatty liver disease in diet-induced obese mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 494-501.	1.8	16
22	ATP-binding cassette transporter G1 deficiency is associated with mild glucocorticoid insufficiency in mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 443-451.	1.2	3
23	Hypercholesterolemia impairs megakaryopoiesis and platelet production in scavenger receptor BI knockout mice. Atherosclerosis, 2019, 282, 176-182.	0.4	5
24	Cholestasis-associated glucocorticoid overexposure does not increase atherogenesis. Journal of Endocrinology, 2019, 242, 1-12.	1.2	7
25	Total body proteoglycan 4 (Prg4) deficiency increases atherosclerosis susceptibility in apolipoprotein E knockout and low-density lipoprotein receptor knockout mice. Atherosclerosis, 2018, 278, 315-316.	0.4	6
26	HDL is essential for atherosclerotic lesion regression in Apoe knockout mice by bone marrow Apoe reconstitution. Atherosclerosis, 2018, 278, 240-249.	0.4	4
27	Proteoglycan 4 regulates macrophage function without altering atherosclerotic lesion formation in a murine bone marrow-specific deletion model. Atherosclerosis, 2018, 274, 120-127.	0.4	24
28	Inhibition of protein arginine methyltransferase 3 activity selectively impairs liver X receptorâ€driven transcription of hepatic lipogenic genes in vivo. British Journal of Pharmacology, 2018, 175, 3175-3183.	2.7	16
29	SR-BI as target in atherosclerosis and cardiovascular disease - A comprehensive appraisal of the cellular functions of SR-BI in physiology and disease. Atherosclerosis, 2017, 258, 153-161.	0.4	53
30	Simvastatin treatment aggravates the glucocorticoid insufficiency associated with hypocholesterolemia in mice. Atherosclerosis, 2017, 261, 99-104.	0.4	9
31	Inhibiting Cholesterol Absorption During Lactation Programs Future Intestinal Absorption of Cholesterol in Adult Mice. Gastroenterology, 2017, 153, 382-385.e3.	0.6	13
32	Rediscovering scavenger receptor type BI. Current Opinion in Lipidology, 2017, 28, 255-260.	1.2	20
33	HDL is redundant for adrenal steroidogenesis in LDLR knockout mice with a human-like lipoprotein profile. Journal of Lipid Research, 2016, 57, 631-637.	2.0	11
34	Endogenous glucocorticoids exacerbate cholestasis-associated liver injury and hypercholesterolemia in mice. Toxicology and Applied Pharmacology, 2016, 306, 1-7.	1.3	11
35	Functionality of High-Density Lipoprotein as Antiatherosclerotic Therapeutic Target. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, e87-e94.	1.1	15
36	MicroRNA-499-5p: a therapeutic target in the context of cardiovascular disease. Annals of Translational Medicine, 2016, 4, 539-539.	0.7	9

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37	LR11/SorLA links triglyceride-rich lipoproteins to risk of developing cardiovascular disease in FH patients. Atherosclerosis, 2015, 243, 429-437.	0.4	9
38	Plasma cholesteryl ester transfer protein is predominantly derived from Kupffer cells. Hepatology, 2015, 62, 1710-1722.	3.6	60
39	Haloperidol inhibits the development of atherosclerotic lesions in <scp>LDL</scp> receptor knockout mice. British Journal of Pharmacology, 2015, 172, 2397-2405.	2.7	5
40	Mouse Models of Disturbed HDL Metabolism. Handbook of Experimental Pharmacology, 2015, 224, 301-336.	0.9	19
41	Adrenocortical LDL receptor function negatively influences glucocorticoid output. Journal of Endocrinology, 2015, 226, 145-154.	1.2	15
42	Adrenal Function in Females with Low Plasma HDL-C Due to Mutations in ABCA1 and LCAT. PLoS ONE, 2014, 9, e90967.	1.1	12
43	Multivalent N-Acetylgalactosamine-Conjugated siRNA Localizes in Hepatocytes and Elicits Robust RNAi-Mediated Gene Silencing. Journal of the American Chemical Society, 2014, 136, 16958-16961.	6.6	825
44	Prolactin receptor antagonism uncouples lipids from atherosclerosis susceptibility. Journal of Endocrinology, 2014, 222, 341-350.	1.2	8
45	Nuclear receptor atlas of female mouse liver parenchymal, endothelial, and Kupffer cells. Physiological Genomics, 2013, 45, 268-275.	1.0	25
46	Adrenal-Specific Scavenger Receptor BI Deficiency Induces Glucocorticoid Insufficiency and Lowers Plasma Very-Low-Density and Low-Density Lipoprotein Levels in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, e39-46.	1.1	35
47	Elimination of macrophages drives LXR-induced regression both in initial and advanced stages of atherosclerotic lesion development. Biochemical Pharmacology, 2013, 86, 1594-1602.	2.0	16
48	High density lipoprotein as a source of cholesterol for adrenal steroidogenesis: a study in individuals with low plasma HDL-C. Journal of Lipid Research, 2013, 54, 1698-1704.	2.0	45
49	LCAT deficiency in mice is associated with a diminished adrenal glucocorticoid function. Journal of Lipid Research, 2013, 54, 358-364.	2.0	18
50	Leukocytosis and Enhanced Susceptibility to Endotoxemia but Not Atherosclerosis in Adrenalectomized APOE Knockout Mice. PLoS ONE, 2013, 8, e80441.	1.1	11
51	Response to the Letter by Singh et al Regarding â€œApolipoprotein Isoform E4 Does Not Increase Coronary Heart Disease Risk in Carriers of Low-Density Lipoprotein Receptor Mutationsâ€• Circulation: Cardiovascular Genetics, 2012, 5, .	5.1	0
52	Is prolactin involved in the evolution of atherothrombotic disease?. Expert Review of Endocrinology and Metabolism, 2012, 7, 345-361.	1.2	3
53	Genetic studies in mice and humans reveal new physiological roles for the high-density lipoprotein receptor scavenger receptor class B type I. Current Opinion in Lipidology, 2012, 23, 127-132.	1.2	13
54	Effects of pyrazole partial agonists on HCA₂â€mediated flushing and VLDLâ€triglyceride levels in mice. British Journal of Pharmacology, 2012, 167, 818-825.	2.7	5

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55	The effect of ABCG1 deficiency on atherosclerotic lesion development in LDL receptor knockout mice depends on the stage of atherogenesis. Atherosclerosis, 2012, 221, 41-47.	0.4	61
56	Adrenalectomy stimulates the formation of initial atherosclerotic lesions: Reversal by adrenal transplantation. Atherosclerosis, 2012, 221, 76-83.	0.4	21
57	Niacin reduces plasma CETP levels by diminishing liver macrophage content in CETP transgenic mice. Biochemical Pharmacology, 2012, 84, 821-829.	2.0	21
58	FXR agonist GW4064 increases plasma glucocorticoid levels in C57BL/6 mice. Molecular and Cellular Endocrinology, 2012, 362, 69-75.	1.6	17
59	Nonalcoholic fatty liver disease is associated with an altered hepatocyte microRNA profile in LDL receptor knockout mice. Journal of Nutritional Biochemistry, 2012, 23, 622-628.	1.9	52
60	Hypocholesterolemia, foam cell accumulation, but no atherosclerosis in mice lacking ABC-transporter A1 and scavenger receptor BI. Atherosclerosis, 2011, 218, 314-322.	0.4	32
61	Augmented Atherogenesis in LDL Receptor Deficient Mice Lacking Both Macrophage ABCA1 and ApoE. PLoS ONE, 2011, 6, e26095.	1.1	15
62	Genetic Variant of the Scavenger Receptor BI in Humans. New England Journal of Medicine, 2011, 364, 136-145.	13.9	291
63	Apolipoprotein Isoform E4 Does Not Increase Coronary Heart Disease Risk in Carriers of Low-Density Lipoprotein Receptor Mutations. Circulation: Cardiovascular Genetics, 2011, 4, 655-660.	5.1	17
64	Deletion of the High-Density Lipoprotein Receptor Scavenger Receptor BI in Mice Modulates Thrombosis Susceptibility and Indirectly Affects Platelet Function by Elevation of Plasma Free Cholesterol. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 34-42.	1.1	65
65	Restoration of High-Density Lipoprotein Levels by Cholesteryl Ester Transfer Protein Expression in Scavenger Receptor Class B Type I (SR-BI) Knockout Mice Does Not Normalize Pathologies Associated With SR-BI Deficiency. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1439-1445.	1.1	52
66	Enhanced Foam Cell Formation, Atherosclerotic Lesion Development, and Inflammation by Combined Deletion of ABCA1 and SR-BI in Bone Marrowâ€"Derived Cells in LDL Receptor Knockout Mice on Western-Type Diet. Circulation Research, 2010, 107, e20-31.	2.0	60
67	Plasma lipoproteins are required for both basal and stress-induced adrenal glucocorticoid synthesis and protection against endotoxemia in mice. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E1038-E1043.	1.8	27
68	Hepatocyte-specific ABCA1 transfer increases HDL cholesterol but impairs HDL function and accelerates atherosclerosis. Cardiovascular Research, 2010, 88, 376-385.	1.8	26
69	The expression level of non-alcoholic fatty liver disease-related gene PNPLA3 in hepatocytes is highly influenced by hepatic lipid status. Journal of Hepatology, 2010, 52, 244-251.	1.8	90
70	The peripheral blood mononuclear cell microRNA signature of coronary artery disease. Biochemical and Biophysical Research Communications, 2010, 394, 792-797.	1.0	202
71	Scavenger receptor BI: a multi-purpose player in cholesterol and steroid metabolism. World Journal of Gastroenterology, 2010, 16, 5916-24.	1.4	50
72	Scavenger receptor class B type I-mediated uptake of serum cholesterol is essential for optimal adrenal glucocorticoid production. Journal of Lipid Research, 2009, 50, 1039-1046.	2.0	67

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73	PXR agonism decreases plasma HDL levels in ApoEâŽ3-Leiden.CETP mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 191-197.	1.2	33
74	Activation of the Nuclear Receptor PXR Decreases Plasma LDL-Cholesterol Levels and Induces Hepatic Steatosis in LDL Receptor Knockout Mice. Molecular Pharmaceutics, 2009, 6, 182-189.	2.3	39
75	Independent protective roles for macrophage Abcg1 and Apoe in the atherosclerotic lesion development. Atherosclerosis, 2009, 205, 420-426.	0.4	23
76	Hepatic cell-specific ATP-binding cassette (ABC) transporter profiling identifies putative novel candidates for lipid homeostasis in mice. Atherosclerosis, 2008, 196, 650-658.	0.4	27
77	Atorvastatin increases HDL cholesterol by reducing CETP expression in cholesterol-fed APOE*3-Leiden.CETP mice. Atherosclerosis, 2008, 197, 57-63.	0.4	76
78	Absence of HDL cholesteryl ester uptake in mice via SR-BI impairs an adequate adrenal glucocorticoid-mediated stress response to fasting. Journal of Lipid Research, 2008, 49, 738-745.	2.0	78
79	Scavenger receptor BI facilitates the metabolism of VLDL lipoproteins in vivo. Journal of Lipid Research, 2008, 49, 136-146.	2.0	81
80	Coexistence of Foam Cells and Hypocholesterolemia in Mice Lacking the ABC Transporters A1 and G1. Circulation Research, 2008, 102, 113-120.	2.0	100
81	Combined Deletion of Macrophage ABCA1 and ABCG1 Leads to Massive Lipid Accumulation in Tissue Macrophages and Distinct Atherosclerosis at Relatively Low Plasma Cholesterol Levels. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 258-264.	1.1	178
82	Important Role for Bone Marrowâ€“Derived Cholesteryl Ester Transfer Protein in Lipoprotein Cholesterol Redistribution and Atherosclerotic Lesion Development in LDL Receptor Knockout Mice. Circulation Research, 2007, 100, 678-685.	2.0	47
83	Total Body ABCG1 Expression Protects Against Early Atherosclerotic Lesion Development in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 594-599.	1.1	74
84	Increased Oxidative Stress in Scavenger Receptor BI Knockout Mice With Dysfunctional HDL. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2413-2419.	1.1	56
85	Fenofibrate increases HDL-cholesterol by reducing cholesteryl ester transfer protein expression. Journal of Lipid Research, 2007, 48, 1763-1771.	2.0	86
86	Regulation of cholesterol homeostasis in macrophages and consequences for atherosclerotic lesion development. FEBS Letters, 2006, 580, 5588-5596.	1.3	107
87	Microarray analysis indicates an important role for FABP5 and putative novel FABPs on a Western-type diet. Journal of Lipid Research, 2006, 47, 2198-2207.	2.0	24
88	Cholesterol 7Î±-Hydroxylase Deficiency in Mice on an APOE*3-Leiden Background Increases Hepatic ABCA1 mRNA Expression and HDL-Cholesterol. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2724-2730.	1.1	8
89	Macrophage ABCG1 Deletion Disrupts Lipid Homeostasis in Alveolar Macrophages and Moderately Influences Atherosclerotic Lesion Development in LDL Receptor-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2295-2300.	1.1	190
90	Scavenger receptor BI and ATP-binding cassette transporter A1 in reverse cholesterol transport and atherosclerosis. Current Opinion in Lipidology, 2005, 16, 307-315.	1.2	147

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91	Scavenger receptors: friend or foe in atherosclerosis?. Current Opinion in Lipidology, 2005, 16, 525-535.	1.2	79
92	HDL cholesterol levels are an important factor for determining the lifespan of erythrocytes. Experimental Hematology, 2005, 33, 1309-1319.	0.2	76
93	Adenovirus-mediated hepatic overexpression of scavenger receptor class B type I accelerates chylomicron metabolism in C57BL/6J mice. Journal of Lipid Research, 2005, 46, 1172-1181.	2.0	47
94	Role of the macrophage very-low-density lipoprotein receptor in atherosclerotic lesion development. Atherosclerosis, 2005, 183, 230-237.	0.4	38
95	Diet induced regulation of genes involved in cholesterol metabolism in rat liver parenchymal and Kupffer cells. Journal of Hepatology, 2005, 42, 400-407.	1.8	31
96	Scavenger receptor class B type I is solely responsible for the selective uptake of cholesteryl esters from HDL by the liver and the adrenals in mice. Journal of Lipid Research, 2004, 45, 2088-2095.	2.0	113
97	Differential Effects of Scavenger Receptor BI Deficiency on Lipid Metabolism in Cells of the Arterial Wall and in the Liver. Journal of Biological Chemistry, 2003, 278, 23699-23705.	1.6	207
98	Specific Gene Expression of ATP-binding Cassette Transporters and Nuclear Hormone Receptors in Rat Liver Parenchymal, Endothelial, and Kupffer Cells. Journal of Biological Chemistry, 2003, 278, 25448-25453.	1.6	166