Emiel van der Vorst

List of Publications by Year
in descending order

187 papers	20,347 citations	10956 71 h-index	10708 138 g-index
192 all docs	192 docs citations	192 times ranked	23376 citing authors

#	Article	IF	Citations
1	Atherosclerosis: current pathogenesis and therapeutic options. Nature Medicine, 2011, 17, 1410-1422.	15.2	1,765
2	MIF is a noncognate ligand of CXC chemokine receptors in inflammatory and atherogenic cell recruitment. Nature Medicine, 2007, 13, 587-596.	15.2	1,065
3	Circulating activated platelets exacerbate atherosclerosis in mice deficient in apolipoprotein E. Nature Medicine, 2003, 9, 61-67.	15.2	931
4	The multifaceted contributions of leukocyte subsets to atherosclerosis: lessons from mouse models. Nature Reviews Immunology, 2008, 8, 802-815.	10.6	698
5	Hyperlipidemia-Triggered Neutrophilia Promotes Early Atherosclerosis. Circulation, 2010, 122, 1837-1845.	1.6	571
6	RANTES Deposition by Platelets Triggers Monocyte Arrest on Inflamed and Atherosclerotic Endothelium. Circulation, 2001, 103, 1772-1777.	1.6	536
7	The role of junctional adhesion molecules in vascular inflammation. Nature Reviews Immunology, 2007, 7, 467-477.	10.6	431
8	Disrupting functional interactions between platelet chemokines inhibits atherosclerosis in hyperlipidemic mice. Nature Medicine, 2009, 15, 97-103.	15.2	404
9	CX3CR1 is required for monocyte homeostasis and atherogenesis by promoting cell survival. Blood, 2009, 113, 963-972.	0.6	396
10	Protective Role of CXC Receptor 4/CXC Ligand 12 Unveils the Importance of Neutrophils in Atherosclerosis. Circulation Research, 2008, 102, 209-217.	2.0	363
11	Neutrophil Extracellular Traps in Atherosclerosis and Atherothrombosis. Circulation Research, 2017, 120, 736-743.	2.0	348
12	Auto-Antigenic Protein-DNA Complexes Stimulate Plasmacytoid Dendritic Cells to Promote Atherosclerosis. Circulation, 2012, 125, 1673-1683.	1.6	347
13	SDF-1Î±/CXCR4 Axis Is Instrumental in Neointimal Hyperplasia and Recruitment of Smooth Muscle Progenitor Cells. Circulation Research, 2005, 96, 784-791.	2.0	345
14	Chemokines in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1897-1908.	1.1	345
15	Heterophilic interactions of platelet factor 4 and RANTES promote monocyte arrest on endothelium. Blood, 2005, 105, 924-930.	0.6	338
16	Deposition of Platelet RANTES Triggering Monocyte Recruitment Requires P-Selectin and Is Involved in Neointima Formation After Arterial Injury. Circulation, 2002, 106, 1523-1529.	1.6	332
17	Endothelial dysfunction in COVID-19: a position paper of the ESC Working Group for Atherosclerosis and Vascular Biology, and the ESC Council of Basic Cardiovascular Science. Cardiovascular Research, 2020, 116, 2177-2184.	1.8	331
18	Differential chemokine receptor expression and function in human monocyte subpopulations. Journal of Leukocyte Biology, 2000, 67, 699-704.	1.5	317

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19	Induction of cancer cell apoptosis by Î±â€tocopheryl succinate: molecular pathways and structural requirements. FASEB Journal, 2001, 15, 403-415.	0.2	272
20	A Neutrophil Timer Coordinates Immune Defense and Vascular Protection. Immunity, 2019, 50, 390-402.e10.	6.6	258
21	Ccr5 But Not Ccr1 Deficiency Reduces Development of Diet-Induced Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 373-379.	1.1	254
22	Platelets and Chemokines in Atherosclerosis. Circulation Research, 2005, 96, 612-616.	2.0	246
23	The chemokine KC, but not monocyte chemoattractant protein-1, triggers monocyte arrest on early atherosclerotic endothelium. Journal of Clinical Investigation, 2001, 108, 1307-1314.	3.9	239
24	Metâ€RANTES reduces vascular and tubular damage during acute renal transplant rejection: blocking monocyte arrest and recruitment. FASEB Journal, 1999, 13, 1371-1383.	0.2	231
25	CCL17-expressing dendritic cells drive atherosclerosis by restraining regulatory T cell homeostasis in mice. Journal of Clinical Investigation, 2011, 121, 2898-2910.	3.9	223
26	The CXCL12/CXCR4 chemokine ligand/receptor axis in cardiovascular disease. Frontiers in Physiology, 2014, 5, 212.	1.3	208
27	Crucial Role of Stromal Cellâ€"Derived Factor-1Î± in Neointima Formation After Vascular Injury in Apolipoprotein Eâ€"Deficient Mice. Circulation, 2003, 108, 2491-2497.	1.6	190
28	Resolving Lipid Mediators Maresin 1 and Resolvin D2 Prevent Atheroprogression in Mice. Circulation Research, 2016, 119, 1030-1038.	2.0	180
29	Lipoprotein-Derived Lysophosphatidic Acid Promotes Atherosclerosis by Releasing CXCL1Âfrom the Endothelium. Cell Metabolism, 2011, 13, 592-600.	7.2	176
30	Novel methodologies for biomarker discovery in atherosclerosis. European Heart Journal, 2015, 36, 2635-2642.	1.0	174
31	Distinct functions of chemokine receptor axes in the atherogenic mobilization and recruitment of classical monocytes. EMBO Molecular Medicine, 2013, 5, 471-481.	3.3	169
32	Neutrophils in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 288-295.	1.1	166
33	Stabilization of Atherosclerotic Plaques by Blockade of Macrophage Migration Inhibitory Factor After Vascular Injury in Apolipoprotein Eâ€"Deficient Mice. Circulation, 2004, 109, 380-385.	1.6	162
34	Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. Immunity, 2018, 49, 819-828.e6.	6.6	161
35	Transmembrane chemokines: Versatile â€˜special agentsâ€™ in vascular inflammation. Thrombosis and Haemostasis, 2007, 97, 694-703.	1.8	156
36	Mechanical Activation of Hypoxia-Inducible Factor 1Î± Drives Endothelial Dysfunction at Atheroprone Sites. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2087-2101.	1.1	154

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37	Chemical Hybridization of Glucagon and Thyroid Hormone Optimizes Therapeutic Impact for Metabolic Disease. Cell, 2016, 167, 843-857.e14.	13.5	153
38	Regulated Shedding of Transmembrane Chemokines by the Disintegrin and Metalloproteinase 10 Facilitates Detachment of Adherent Leukocytes. Journal of Immunology, 2007, 178, 8064-8072.	0.4	151
39	Targeting CD40-Induced TRAF6 Signaling in Macrophages Reduces Atherosclerosis. Journal of the American College of Cardiology, 2018, 71, 527-542.	1.2	149
40	Chemokines in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 742-750.	1.1	145
41	Chrono-pharmacological Targeting of the CCL2-CCR2 Axis Ameliorates Atherosclerosis. Cell Metabolism, 2018, 28, 175-182.e5.	7.2	139
42	Hematopoietic miR155 Deficiency Enhances Atherosclerosis and Decreases Plaque Stability in Hyperlipidemic Mice. PLoS ONE, 2012, 7, e35877.	1.1	129
43	MIF interacts with CXCR7 to promote receptor internalization, ERK1/2 and ZAPâ€70 signaling, and lymphocyte chemotaxis. FASEB Journal, 2015, 29, 4497-4511.	0.2	129
44	Endothelial Hypoxia-Inducible Factor-1Î± Promotes Atherosclerosis and Monocyte Recruitment by Upregulating MicroRNA-19a. Hypertension, 2015, 66, 1220-1226.	1.3	128
45	Vascular CXCR4 Limits Atherosclerosis by Maintaining Arterial Integrity. Circulation, 2017, 136, 388-403.	1.6	128
46	Deficiency in CCR5 but not CCR1 protects against neointima formation in atherosclerosis-prone mice: involvement of IL-10. Blood, 2006, 107, 4240-4243.	0.6	126
47	Crucial Role of the CCL2/CCR2 Axis in Neointimal Hyperplasia After Arterial Injury in Hyperlipidemic Mice Involves Early Monocyte Recruitment and CCL2 Presentation on Platelets. Circulation Research, 2004, 95, 1125-1133.	2.0	125
48	Annexin A1 Counteracts Chemokine-Induced Arterial Myeloid Cell Recruitment. Circulation Research, 2015, 116, 827-835.	2.0	124
49	Chemokine interactome mapping enables tailored intervention in acute and chronic inflammation. Science Translational Medicine, 2017, 9, .	5.8	121
50	High-Density Lipoproteins Suppress Chemokines and Chemokine Receptors In Vitro and In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1773-1778.	1.1	117
51	The timeâ€ofâ€day of myocardial infarction onset affects healing through oscillations in cardiac neutrophil recruitment. EMBO Molecular Medicine, 2016, 8, 937-948.	3.3	115
52	CXCR6 Promotes Atherosclerosis by Supporting T-Cell Homing, Interferon-Î³ Production, and Macrophage Accumulation in the Aortic Wall. Circulation, 2007, 116, 1801-1811.	1.6	114
53	Propionate attenuates atherosclerosis by immune-dependent regulation of intestinal cholesterol metabolism. European Heart Journal, 2022, 43, 518-533.	1.0	113
54	Î±-Tocopheryl succinate, an agent with in vivo anti-tumour activity, induces apoptosis by causing lysosomal instability. Biochemical Journal, 2002, 362, 709-715.	1.7	107

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55	Reduction of the aortic inflammatory response in spontaneous atherosclerosis by blockade of macrophage migration inhibitory factor (MIF). Atherosclerosis, 2006, 184, 28-38.	0.4	107
56	Touch of Chemokines. Frontiers in Immunology, 2012, 3, 175.	2.2	103
57	MicroRNA-mediated mechanisms of the cellular stress response in atherosclerosis. Nature Reviews Cardiology, 2015, 12, 361-374.	6.1	101
58	microRNA expression signatures and parallels between monocyte subsets and atherosclerotic plaque in humans. Thrombosis and Haemostasis, 2012, 107, 619-625.	1.8	98
59	Epithelial magnesium transport by TRPM6 is essential for prenatal development and adult survival. ELife, 2016, 5, .	2.8	98
60	Chemokines as Therapeutic Targets in Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 583-592.	1.1	96
61	Imaging the Cytokine Receptor CXCR4 in Atherosclerotic Plaques with the Radiotracer ⁶⁸Ga-Pentixafor for PET. Journal of Nuclear Medicine, 2017, 58, 499-506.	2.8	94
62	Chemokines: established and novel targets in atherosclerosis. EMBO Molecular Medicine, 2011, 3, 713-725.	3.3	93
63	Inflammatory Chemokines in Atherosclerosis. Cells, 2021, 10, 226.	1.8	92
64	Recruitment of classical monocytes can be inhibited by disturbing heteromers of neutrophil HNP1 and platelet CCL5. Science Translational Medicine, 2015, 7, 317ra196.	5.8	90
65	Platelet CD40 Exacerbates Atherosclerosis by Transcellular Activation of Endothelial Cells and Leukocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 482-490.	1.1	90
66	Noncanonical inhibition of caspase-3 by a nuclear microRNA confers endothelial protection by autophagy in atherosclerosis. Science Translational Medicine, 2020, 12, .	5.8	88
67	Chemokine CCL5/RANTES inhibition reduces myocardial reperfusion injury in atherosclerotic mice. Journal of Molecular and Cellular Cardiology, 2010, 48, 789-798.	0.9	87
68	Artery Tertiary Lymphoid Organs Control Multilayered Territorialized Atherosclerosis B-Cell Responses in Aged <i>ApoE</i> ^{<i>â^’/â^’</i>} Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1174-1185.	1.1	85
69	AntimiR-21 Prevents Myocardial Dysfunction in a Pig Model of Ischemia/Reperfusion Injury. Journal of the American College of Cardiology, 2020, 75, 1788-1800.	1.2	82
70	High-Density Lipoproteins Exert Pro-inflammatory Effects on Macrophages via Passive Cholesterol Depletion and PKC-NF-ÎºB/STAT1-IRF1 Signaling. Cell Metabolism, 2017, 25, 197-207.	7.2	80
71	Contribution of Platelet CX ₃ CR1 to Plateletâ€“Monocyte Complex Formation and Vascular Recruitment During Hyperlipidemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1186-1193.	1.1	76
72	Artery Tertiary Lymphoid Organs: Powerhouses of Atherosclerosis Immunity. Frontiers in Immunology, 2016, 7, 387.	2.2	76

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73	CXCL12 Promotes the Stabilization of Atherosclerotic Lesions Mediated by Smooth Muscle Progenitor Cells in <i>Apoe</i> -Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 679-686.	1.1	75
74	Deficiency of the Stroke Relevant <i>HDAC9</i> Gene Attenuates Atherosclerosis in Accord With Allele-Specific Effects at 7p21.1. Stroke, 2015, 46, 197-202.	1.0	73
75	Chemokines and their receptors in Atherosclerosis. Journal of Molecular Medicine, 2015, 93, 963-971.	1.7	71
76	Reprogramming macrophages to an antiâ€inflammatory phenotype by helminth antigens reduces murine atherosclerosis. FASEB Journal, 2014, 28, 288-299.	0.2	69
77	Papilloma of the Larynx. Acta Oto-Laryngologica, 1956, 46, 499-516.	0.3	66
78	Macrophage Migration Inhibitory Factor: A Noncanonical Chemokine Important in Atherosclerosis. Trends in Cardiovascular Medicine, 2009, 19, 76-86.	2.3	65
79	Blocking CCL5-CXCL4 heteromerization preserves heart function after myocardial infarction by attenuating leukocyte recruitment and NETosis. Scientific Reports, 2018, 8, 10647.	1.6	63
80	Chemokines and galectins form heterodimers to modulate inflammation. EMBO Reports, 2020, 21, e47852.	2.0	63
81	CXCL12 Derived From Endothelial Cells Promotes Atherosclerosis to Drive Coronary Artery Disease. Circulation, 2019, 139, 1338-1340.	1.6	62
82	Activation of CXCR7 Limits Atherosclerosis and Improves Hyperlipidemia by Increasing Cholesterol Uptake in Adipose Tissue. Circulation, 2014, 129, 1244-1253.	1.6	61
83	Small Things Matter: Relevance of MicroRNAs in Cardiovascular Disease. Frontiers in Physiology, 2020, 11, 793.	1.3	61
84	High-Density Lipoproteins and Apolipoprotein A1. Sub-Cellular Biochemistry, 2020, 94, 399-420.	1.0	61
85	<i>Adam17</i> Deficiency Promotes Atherosclerosis by Enhanced TNFR2 Signaling in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 247-257.	1.1	59
86	Deficiency of Endothelial <i>Cxcr4</i> Reduces Reendothelialization and Enhances Neointimal Hyperplasia After Vascular Injury in Atherosclerosis-Prone Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1209-1220.	1.1	57
87	Palmitoylethanolamide Promotes a Proresolving Macrophage Phenotype and Attenuates Atherosclerotic Plaque Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2562-2575.	1.1	57
88	Transmembrane chemokines: versatile 'special agents' in vascular inflammation. Thrombosis and Haemostasis, 2007, 97, 694-703.	1.8	55
89	Compartmentalized Protective and Detrimental Effects of Endogenous Macrophage Migration-Inhibitory Factor Mediated by CXCR2 in a Mouse Model of Myocardial Ischemia/Reperfusion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2180-2186.	1.1	54
90	Leukocytes require ADAM10 but not ADAM17 for their migration and inflammatory recruitment into the alveolar space. Blood, 2014, 123, 4077-4088.	0.6	54

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91	Pharmacological Treatment with Annexin A1 Reduces Atherosclerotic Plaque Burden in LDLR-/- Mice on Western Type Diet. PLoS ONE, 2015, 10, e0130484.	1.1	54
92	Cathepsin G Controls Arterial But Not Venular Myeloid Cell Recruitment. Circulation, 2016, 134, 1176-1188.	1.6	54
93	Transcriptome Analysis of Reticulated Platelets Reveals a Prothrombotic Profile. Thrombosis and Haemostasis, 2019, 119, 1795-1806.	1.8	54
94	Indium-111 oxine labelling affects the cellular integrity of haematopoietic progenitor cells. European Journal of Nuclear Medicine and Molecular Imaging, 2007, 34, 715-721.	3.3	52
95	The Microbiota Promotes Arterial Thrombosis in Low-Density Lipoprotein Receptor-Deficient Mice. MBio, 2019, 10, .	1.8	50
96	Interaction between high-density lipoproteins and inflammation: Function matters more than concentration!. Advanced Drug Delivery Reviews, 2020, 159, 94-119.	6.6	50
97	A disintegrin and metalloproteases: Molecular scissors in angiogenesis, inflammation and atherosclerosis. Atherosclerosis, 2012, 224, 302-308.	0.4	47
98	Myeloid A Disintegrin and Metalloproteinase Domain 10 Deficiency Modulates Atherosclerotic Plaque Composition by Shifting the Balance from Inflammation toward Fibrosis. American Journal of Pathology, 2015, 185, 1145-1155.	1.9	46
99	Circadian Control of Inflammatory Processes in Atherosclerosis and Its Complications. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1022-1028.	1.1	46
100	Highâ€density lipoproteins suppress chemokine expression and proliferation in human vascular smooth muscle cells. FASEB Journal, 2013, 27, 1413-1425.	0.2	44
101	Adventitial lymphatic capillary expansion impacts on plaque T cell accumulation in atherosclerosis. Scientific Reports, 2017, 7, 45263.	1.6	44
102	Immunoinflammatory, Thrombohaemostatic, and Cardiovascular Mechanisms in COVID-19. Thrombosis and Haemostasis, 2020, 120, 1629-1641.	1.8	44
103	Expression and Cellular Localization of CXCR4 and CXCL12 in Human Carotid Atherosclerotic Plaques. Thrombosis and Haemostasis, 2018, 118, 195-206.	1.8	43
104	MIF and CXCL12 in Cardiovascular Diseases: Functional Differences and Similarities. Frontiers in Immunology, 2015, 6, 373.	2.2	42
105	MicroRNAs in Chronic Kidney Disease: Four Candidates for Clinical Application. International Journal of Molecular Sciences, 2020, 21, 6547.	1.8	42
106	Therapeutic strategies for atherosclerosis and atherothrombosis: Past, present and future. Thrombosis and Haemostasis, 2017, 117, 1258-1264.	1.8	40
107	Non-canonical features of microRNAs: paradigms emerging from cardiovascular disease. Nature Reviews Cardiology, 2022, 19, 620-638.	6.1	40
108	Controlled intramyocardial release of engineered chemokines by biodegradable hydrogels as a treatment approach of myocardial infarction. Journal of Cellular and Molecular Medicine, 2014, 18, 790-800.	1.6	36

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109	Chemokines. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, e52-6.	1.1	36
110	Melanocortin 1 Receptor Signaling Regulates Cholesterol Transport in Macrophages. Circulation, 2017, 136, 83-97.	1.6	35
111	Molecular Ultrasound Imaging of Junctional Adhesion Molecule A Depicts Acute Alterations in Blood Flow and Early Endothelial Dysregulation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 40-48.	1.1	34
112	Hematopoietic ChemR23 (Chemerin Receptor 23) Fuels Atherosclerosis by Sustaining an M1 Macrophage-Phenotype and Guidance of Plasmacytoid Dendritic Cells to Murine Lesionsâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 685-693.	1.1	31
113	Disruption of the CCL1-CCR8 axis inhibits vascular Treg recruitment and function and promotes atherosclerosis in mice. Journal of Molecular and Cellular Cardiology, 2019, 132, 154-163.	0.9	30
114	Constitutive GITR Activation Reduces Atherosclerosis by Promoting Regulatory CD4 ⁺ T-Cell Responsesâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1748-1752.	1.1	28
115	Structure-Based Design of Peptidic Inhibitors of the Interaction between CC Chemokine Ligand 5 (CCL5) and Human Neutrophil Peptides 1 (HNP1). Journal of Medicinal Chemistry, 2016, 59, 4289-4301.	2.9	28
116	Protective Aptitude of Annexin A1 in Arterial Neointima Formation in Atherosclerosis-Prone Miceâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 312-315.	1.1	28
117	Calcium-Sensing Receptor (CaSR), Its Impact on Inflammation and the Consequences on Cardiovascular Health. International Journal of Molecular Sciences, 2021, 22, 2478.	1.8	27
118	PCSK9: A Multi-Faceted Protein That Is Involved in Cardiovascular Biology. Biomedicines, 2021, 9, 793.	1.4	27
119	AnxA5 reduces plaque inflammation of advanced atherosclerotic lesions in apoE^{â^'/â^'} mice. Journal of Cellular and Molecular Medicine, 2014, 18, 2117-2124.	1.6	26
120	High Expression of C5L2 Correlates with High Proinflammatory Cytokine Expression in Advanced Human Atherosclerotic Plaques. American Journal of Pathology, 2014, 184, 2123-2133.	1.9	26
121	A Disintegrin and Metalloproteases (ADAMs) in Cardiovascular, Metabolic and Inflammatory Diseases: Aspects for Theranostic Approaches. Thrombosis and Haemostasis, 2018, 118, 1167-1175.	1.8	26
122	Noninvasive Molecular Ultrasound Monitoring of Vessel Healing After Intravascular Surgical Procedures in a Preclinical Setup. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1366-1373.	1.1	25
123	Targeting the chemokine network in atherosclerosis. Atherosclerosis, 2021, 330, 95-106.	0.4	25
124	Message in a Microbottle: Modulation of Vascular Inflammation and Atherosclerosis by Extracellular Vesicles. Frontiers in Cardiovascular Medicine, 2018, 5, 2.	1.1	23
125	Progress in cardiac research: from rebooting cardiac regeneration to a complete cell atlas of the heart. Cardiovascular Research, 2021, 117, 2161-2174.	1.8	23
126	Zooming in on microRNAs for refining cardiovascular risk prediction in secondary prevention. European Heart Journal, 2016, 38, ehw259.	1.0	22

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127	High-Density Lipoprotein Modifications: A Pathological Consequence or Cause of Disease Progression?. Biomedicines, 2020, 8, 549.	1.4	22
128	Shedding of Klotho: Functional Implications in Chronic Kidney Disease and Associated Vascular Disease. Frontiers in Cardiovascular Medicine, 2020, 7, 617842.	1.1	22
129	Atypical Chemokine Receptors in Cardiovascular Disease. Thrombosis and Haemostasis, 2019, 119, 534-541.	1.8	21
130	B-Cellâ€"Specific CXCR4 Protects Against Atherosclerosis Development and Increases Plasma IgM Levels. Circulation Research, 2020, 126, 787-788.	2.0	19
131	Combined modulation of the mesangial machinery for monocyte recruitment by inhibition of NF-Î°B. American Journal of Physiology - Cell Physiology, 2001, 281, C1881-C1888.	2.1	18
132	Novel Features of Monocytes and Macrophages in Cardiovascular Biology and Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, e30-e37.	1.1	18
133	Contrasting effects of myeloid and endothelial ADAM17 on atherosclerosis development. Thrombosis and Haemostasis, 2017, 117, 644-646.	1.8	17
134	Double bond configuration of palmitoleate is critical for atheroprotection. Molecular Metabolism, 2019, 28, 58-72.	3.0	17
135	Probing Functional Heteromeric Chemokine Proteinâ€"Protein Interactions through Conformationâ€Assisted Oxime Ligation. Angewandte Chemie - International Edition, 2016, 55, 14963-14966.	7.2	16
136	Germ-free housing conditions do not affect aortic root and aortic arch lesion size of late atherosclerotic low-density lipoprotein receptor-deficient mice. Gut Microbes, 2020, 11, 1809-1823.	4.3	16
137	G-Protein Coupled Receptor Targeting on Myeloid Cells in Atherosclerosis. Frontiers in Pharmacology, 2019, 10, 531.	1.6	15
138	Key Chemokine Pathways in Atherosclerosis and Their Therapeutic Potential. Journal of Clinical Medicine, 2021, 10, 3825.	1.0	14
139	Whole body and hematopoietic ADAM8 deficiency does not influence advanced atherosclerotic lesion development, despite its association with human plaque progression. Scientific Reports, 2017, 7, 11670.	1.6	13
140	Reporting Sex and Sex Differences in Preclinical Studies. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, e171-e184.	1.1	13
141	A systematic review and meta-analysis of murine models of uremic cardiomyopathy. Kidney International, 2022, 101, 256-273.	2.6	13
142	Complying With the National Institutes of Health Guidelines and Principles for Rigor and Reproducibility. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1303-1304.	1.1	12
143	Comparative Analysis of Microfluidics Thrombus Formation in Multiple Genetically Modified Mice: Link to Thrombosis and Hemostasis. Frontiers in Cardiovascular Medicine, 2019, 6, 99.	1.1	12
144	Identification of Hypoxia Induced Metabolism Associated Genes in Pulmonary Hypertension. Frontiers in Pharmacology, 2021, 12, 753727.	1.6	12

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145	Disease- or Storage-Associated Structural Modifications Are Unlikely to Explain HDL Pro-inflammatory Effects on Macrophages. Cell Metabolism, 2017, 26, 4-5.	7.2	11
146	Glycans and Glycan-Binding Proteins in Atherosclerosis. Thrombosis and Haemostasis, 2019, 119, 1265-1273.	1.8	11
147	Sorting and magnetic-based isolation of reticulated platelets from peripheral blood. Platelets, 2021, 32, 113-119.	1.1	11
148	Tyrosine Kinase Inhibitor Sunitinib Delays Platelet-Induced Coagulation: Additive Effects of Aspirin. Thrombosis and Haemostasis, 2022, 122, 092-104.	1.8	11
149	Interruption of the CXCL13/CXCR5 Chemokine Axis Enhances Plasma IgM Levels and Attenuates Atherosclerosis Development. Thrombosis and Haemostasis, 2020, 120, 344-347.	1.8	10
150	Role of the CX3C chemokine receptor CX3CR1 in the pathogenesis of atherosclerosis after aortic transplantation. PLoS ONE, 2017, 12, e0170644.	1.1	10
151	Endothelial ACKR3 drives atherosclerosis by promoting immune cell adhesion to vascular endothelium. Basic Research in Cardiology, 2022, 117, .	2.5	10
152	Comparison of inhibitory effects of irreversible and reversible Btk inhibitors on platelet function. EJHaem, 2021, 2, 685-699.	0.4	8
153	The new age of radiomic risk profiling: perivascular fat at the heart of the matter. European Heart Journal, 2019, 40, 3544-3546.	1.0	6
154	Autophagy unleashes noncanonical microRNA functions. Autophagy, 2020, 16, 2294-2296.	4.3	6
155	Functional ex-vivo Imaging of Arterial Cellular Recruitment and Lipid Extravasation. Bio-protocol, 2017, 7, .	0.2	6
156	Thrombosis and Haemostasis: Past, present and future. Thrombosis and Haemostasis, 2017, 117, 1217-1218.	1.8	5
157	Mitochondrial Ejection for Cardiac Protection: The Macrophage Connection. Cell Metabolism, 2020, 32, 512-513.	7.2	5
158	P2Y12-dependent activation of hematopoietic stem and progenitor cells promotes emergency hematopoiesis after myocardial infarction. Basic Research in Cardiology, 2022, 117, 16.	2.5	5
159	The ADAM17 Metalloproteinase Maintains Arterial Elasticity. Thrombosis and Haemostasis, 2018, 118, 210-213.	1.8	4
160	Adipocyte-Specific ACKR3 Regulates Lipid Levels in Adipose Tissue. Biomedicines, 2021, 9, 394.	1.4	4
161	Adipocyte calcium sensing receptor is not involved in visceral adipose tissue inflammation or atherosclerosis development in hyperlipidemic Apoeâˆ'/âˆ' mice. Scientific Reports, 2021, 11, 10409.	1.6	4
162	Transcriptome signature of miRNA-26b KO mouse model suggests novel targets. BMC Genomic Data, 2021, 22, 23.	0.7	4

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163	Immunomodulatory Nanomedicine for the Treatment of Atherosclerosis. Journal of Clinical Medicine, 2021, 10, 3185.	1.0	4
164	PCSK9 Imperceptibly Affects Chemokine Receptor Expression In Vitro and In Vivo. International Journal of Molecular Sciences, 2021, 22, 13026.	1.8	4
165	MicroRNA-26b Attenuates Platelet Adhesion and Aggregation in Mice. Biomedicines, 2022, 10, 983.	1.4	4
166	Metabolomic profiling of atherosclerotic plaques: towards improved cardiovascular risk stratification. European Heart Journal, 2018, 39, 2311-2313.	1.0	3
167	Unwrapped and u<i>NCOR</i>ked: PPAR-Î³ repression in atherosclerosis. European Heart Journal, 2022, 43, e32-e34.	1.0	3
168	Non-activatable mutant of inhibitor of kappa B kinase Î± (IKKÎ±) exerts vascular site-specific effects on atherosclerosis in Apoe-deficient mice. Atherosclerosis, 2020, 292, 23-30.	0.4	3
169	Glucocorticoid induced TNF receptor family-related protein (GITR) â€" A novel driver of atherosclerosis. Vascular Pharmacology, 2021, 139, 106884.	1.0	3
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