Christian Weber

List of Publications by Year
in descending order

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575	50,086	902 116	2558 195
papers	citations	h-index	g-index

587	587	587	50258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atherosclerosis: current pathogenesis and therapeutic options. Nature Medicine, 2011, 17, 1410-1422.	15.2	1,765
2	Delivery of MicroRNA-126 by Apoptotic Bodies Induces CXCL12-Dependent Vascular Protection. Science Signaling, 2009, 2, ra81.	1.6	1,165
3	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
4	Circulating activated platelets exacerbate atherosclerosis in mice deficient in apolipoprotein E. Nature Medicine, 2003, 9, 61-67.	15.2	931
5	The genome of the protist parasite Entamoeba histolytica. Nature, 2005, 433, 865-868.	13.7	783
6	Microparticles. Circulation Research, 2010, 107, 1047-1057.	2.0	717
7	The multifaceted contributions of leukocyte subsets to atherosclerosis: lessons from mouse models. Nature Reviews Immunology, 2008, 8, 802-815.	10.6	698
8	Hepatic recruitment of the inflammatory Gr1⁺monocyte subset upon liver injury promotes hepatic fibrosis. Hepatology, 2009, 50, 261-274.	3.6	664
9	Platelets as Immune Cells. Circulation Research, 2007, 100, 27-40.	2.0	617
10	JAM-1 is a ligand of the Î²2 integrin LFA-1 involved in transendothelial migration of leukocytes. Nature Immunology, 2002, 3, 151-158.	7.0	578
11	Hyperlipidemia-Triggered Neutrophilia Promotes Early Atherosclerosis. Circulation, 2010, 122, 1837-1845.	1.6	571
12	Rhythmic Modulation of the Hematopoietic Niche through Neutrophil Clearance. Cell, 2013, 153, 1025-1035.	13.5	555
13	MicroRNA-126-5p promotes endothelial proliferation and limits atherosclerosis by suppressing Dlk1. Nature Medicine, 2014, 20, 368-376.	15.2	527
14	Neutrophils orchestrate post-myocardial infarction healing by polarizing macrophages towards a reparative phenotype. European Heart Journal, 2017, 38, ehw002.	1.0	443
15	MicroRNA-155 promotes atherosclerosis by repressing Bcl6 in macrophages. Journal of Clinical Investigation, 2012, 122, 4190-4202.	3.9	436
16	The role of junctional adhesion molecules in vascular inflammation. Nature Reviews Immunology, 2007, 7, 467-477.	10.6	431
17	Neutrophils as protagonists and targets in chronic inflammation. Nature Reviews Immunology, 2017, 17, 248-261.	10.6	409
18	Disrupting functional interactions between platelet chemokines inhibits atherosclerosis in hyperlipidemic mice. Nature Medicine, 2009, 15, 97-103.	15.2	404

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19	CX3CR1 is required for monocyte homeostasis and atherogenesis by promoting cell survival. Blood, 2009, 113, 963-972.	0.6	396
20	HMG-CoA Reductase Inhibitors Decrease CD11b Expression and CD11b-Dependent Adhesion of Monocytes to Endothelium and Reduce Increased Adhesiveness of Monocytes Isolated From Patients With Hypercholesterolemia. Journal of the American College of Cardiology, 1997, 30, 1212-1217.	1.2	393
21	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
22	Biomechanical factors in atherosclerosis: mechanisms and clinical implications. European Heart Journal, 2014, 35, 3013-3020.	1.0	359
23	Platelet Microparticles. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1512-1518.	1.1	351
24	Neutrophil Extracellular Traps in Atherosclerosis and Atherothrombosis. Circulation Research, 2017, 120, 736-743.	2.0	348
25	Auto-Antigenic Protein-DNA Complexes Stimulate Plasmacytoid Dendritic Cells to Promote Atherosclerosis. Circulation, 2012, 125, 1673-1683.	1.6	347
26	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
27	Chemokines in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1897-1908.	1.1	345
28	Neutrophil secretion products pave the way for inflammatory monocytes. Blood, 2008, 112, 1461-1471.	0.6	343
29	Heterophilic interactions of platelet factor 4 and RANTES promote monocyte arrest on endothelium. Blood, 2005, 105, 924-930.	0.6	338
30	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
31	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
32	smiFISH and FISH-quant â€“ a flexible single RNA detection approach with super-resolution capability. Nucleic Acids Research, 2016, 44, e165-e165.	6.5	312
33	Non-coding RNAs in cardiovascular diseases: diagnostic and therapeutic perspectives. European Heart Journal, 2018, 39, 2704-2716.	1.0	300
34	Induction of cancer cell apoptosis by Î±â€tocopheryl succinate: molecular pathways and structural requirements. FASEB Journal, 2001, 15, 403-415.	0.2	272
35	Del-1, an Endogenous Leukocyte-Endothelial Adhesion Inhibitor, Limits Inflammatory Cell Recruitment. Science, 2008, 322, 1101-1104.	6.0	271
36	Externalized histone H4 orchestrates chronic inflammation by inducing lytic cell death. Nature, 2019, 569, 236-240.	13.7	268

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37	Statin Treatment After Onset of Sepsis in a Murine Model Improves Survival. Circulation, 2005, 112, 117-124.	1.6	266
38	Atherosclerotic Plaque Destabilization. Circulation Research, 2014, 114, 214-226.	2.0	266
39	A Neutrophil Timer Coordinates Immune Defense and Vascular Protection. Immunity, 2019, 50, 390-402.e10.	6.6	258
40	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
41	Platelet CD40L mediates thrombotic and inflammatory processes in atherosclerosis. Blood, 2010, 116, 4317-4327.	0.6	249
42	Perivascular Mast Cells Promote Atherogenesis and Induce Plaque Destabilization in Apolipoprotein Eâ€“Deficient Mice. Circulation, 2007, 115, 2516-2525.	1.6	248
43	HMG-CoA Reductase Inhibitor Simvastatin Profoundly Improves Survival in a Murine Model of Sepsis. Circulation, 2004, 109, 2560-2565.	1.6	247
44	Platelets and Chemokines in Atherosclerosis. Circulation Research, 2005, 96, 612-616.	2.0	246
45	Macrophage Migration Inhibitory Factor in Cardiovascular Disease. Circulation, 2008, 117, 1594-1602.	1.6	238
46	Synchronized integrin engagement and chemokine activation is crucial in neutrophil extracellular trapâ€“mediated sterile inflammation. Blood, 2014, 123, 2573-2584.	0.6	234
47	Deficient CD40-TRAF6 signaling in leukocytes prevents atherosclerosis by skewing the immune response toward an antiinflammatory profile. Journal of Experimental Medicine, 2010, 207, 391-404.	4.2	232
48	Chemokines. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1997-2008.	1.1	229
49	Specialized roles of the chemokine receptors CCR1 and CCR5 in the recruitment of monocytes and TH1-like/CD45RO+T cells. Blood, 2001, 97, 1144-1146.	0.6	228
50	Antagonism of the chemokine Ccl5 ameliorates experimental liver fibrosis in mice. Journal of Clinical Investigation, 2010, 120, 4129-4140.	3.9	227
51	Importance of CXC Chemokine Receptor 2 in the Homing of Human Peripheral Blood Endothelial Progenitor Cells to Sites of Arterial Injury. Circulation Research, 2007, 100, 590-597.	2.0	224
52	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
53	Targeted Disruption ofcd73/Ecto-5â€²-Nucleotidase Alters Thromboregulation and Augments Vascular Inflammatory Response. Circulation Research, 2004, 95, 814-821.	2.0	220
54	Mechanisms underlying neutrophil-mediated monocyte recruitment. Blood, 2009, 114, 4613-4623.	0.6	220

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55	Myeloid Type I Interferon Signaling Promotes Atherosclerosis by Stimulating Macrophage Recruitment to Lesions. Cell Metabolism, 2010, 12, 142-153.	7.2	212
56	Presence of luminal neutrophil extracellular traps in atherosclerosis. Thrombosis and Haemostasis, 2012, 107, 597-598.	1.8	212
57	Interleukinâ€13 protects from atherosclerosis and modulates plaque composition by skewing the macrophage phenotype. EMBO Molecular Medicine, 2012, 4, 1072-1086.	3.3	211
58	The CXCL12/CXCR4 chemokine ligand/receptor axis in cardiovascular disease. Frontiers in Physiology, 2014, 5, 212.	1.3	208
59	Lack of Neutrophil-Derived CRAMP Reduces Atherosclerosis in Mice. Circulation Research, 2012, 110, 1052-1056.	2.0	203
60	Disruption of Platelet-derived Chemokine Heteromers Prevents Neutrophil Extravasation in Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 628-636.	2.5	202
61	MicroRNA-126, -145, and -155. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 449-454.	1.1	202
62	Neutrophils instruct homeostatic and pathological states in naive tissues. Journal of Experimental Medicine, 2018, 215, 2778-2795.	4.2	200
63	ApoE attenuates unresolvable inflammation by complex formation with activated C1q. Nature Medicine, 2019, 25, 496-506.	15.2	200
64	ThemicroRNA-342-5pFosters Inflammatory Macrophage Activation Through an Akt1- andmicroRNA-155â€“Dependent Pathway During Atherosclerosis. Circulation, 2013, 127, 1609-1619.	1.6	193
65	Microvesicles in vascular homeostasis and diseases. Thrombosis and Haemostasis, 2017, 117, 1296-1316.	1.8	193
66	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
67	Platelet Microparticles Enhance the Vasoregenerative Potential of Angiogenic Early Outgrowth Cells After Vascular Injury. Circulation, 2010, 122, 495-506.	1.6	184
68	A functional heteromeric MIF receptor formed by CD74 and CXCR4. FEBS Letters, 2009, 583, 2749-2757.	1.3	182
69	Resolving Lipid Mediators Maresin 1 and Resolvin D2 Prevent Atheroprogression in Mice. Circulation Research, 2016, 119, 1030-1038.	2.0	180
70	Programmed â€˜disarmingâ€™ of the neutrophil proteome reduces the magnitude of inflammation. Nature Immunology, 2020, 21, 135-144.	7.0	180
71	Artery Tertiary Lymphoid Organs Control Aorta Immunity and Protect against Atherosclerosis via Vascular Smooth Muscle Cell Lymphotoxin Î² Receptors. Immunity, 2015, 42, 1100-1115.	6.6	179
72	Lipoprotein-Derived Lysophosphatidic Acid Promotes Atherosclerosis by Releasing CXCL1Âfrom the Endothelium. Cell Metabolism, 2011, 13, 592-600.	7.2	176

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73	Novel methodologies for biomarker discovery in atherosclerosis. European Heart Journal, 2015, 36, 2635-2642.	1.0	174
74	Chemokines in the vascular inflammatory response of atherosclerosis. Cardiovascular Research, 2010, 86, 192-201.	1.8	173
75	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
76	Growth differentiation factor 15 deficiency protects against atherosclerosis by attenuating CCR2-mediated macrophage chemotaxis. Journal of Experimental Medicine, 2011, 208, 217-225.	4.2	168
77	Neutrophils in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 288-295.	1.1	166
78	Hematopoietic Deficiency of the Long Noncoding RNA MALAT1 Promotes Atherosclerosis and Plaque Inflammation. Circulation, 2019, 139, 1320-1334.	1.6	165
79	A Novel Drug-Eluting Stent Coated With an Integrin-Binding Cyclic Arg-Gly-Asp Peptide Inhibits Neointimal Hyperplasia by Recruiting Endothelial Progenitor Cells. Journal of the American College of Cardiology, 2006, 47, 1786-1795.	1.2	163
80	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
81	Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. Immunity, 2018, 49, 819-828.e6.	6.6	161
82	Angiopoietin 2 mediates microvascular and hemodynamic alterations in sepsis. Journal of Clinical Investigation, 2013, 123, 3436-3445.	3.9	160
83	Molecular Imaging of Fibroblast Activity After Myocardial Infarction Using a ⁶⁸Ga-Labeled Fibroblast Activation Protein Inhibitor, FAPI-04. Journal of Nuclear Medicine, 2019, 60, 1743-1749.	2.8	159
84	Targeting IRE1 with small molecules counteracts progression of atherosclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1395-E1404.	3.3	157
85	Transmembrane chemokines: Versatile â€˜special agentsâ€™ in vascular inflammation. Thrombosis and Haemostasis, 2007, 97, 694-703.	1.8	156
86	Diversity and Inter-Connections in the CXCR4 Chemokine Receptor/Ligand Family: Molecular Perspectives. Frontiers in Immunology, 2015, 6, 429.	2.2	154
87	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
88	Long-term assessment of a novel biodegradable paclitaxel-eluting coronary polylactide stent. European Heart Journal, 2004, 25, 1330-1340.	1.0	153
89	Chemical Hybridization of Glucagon and Thyroid Hormone Optimizes Therapeutic Impact for Metabolic Disease. Cell, 2016, 167, 843-857.e14.	13.5	153
90	Mitochondria Play a Central Role in Apoptosis Induced by Î±-Tocopheryl Succinate, an Agent with Antineoplastic Activity:Â Comparison with Receptor-Mediated Pro-Apoptotic Signalingâ€. Biochemistry, 2003, 42, 4277-4291.	1.2	152

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91	Structural determinants of MIF functions in CXCR2-mediated inflammatory and atherogenic leukocyte recruitment. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16278-16283.	3.3	150
92	Targeting CD40-Induced TRAF6 Signaling in Macrophages Reduces Atherosclerosis. Journal of the American College of Cardiology, 2018, 71, 527-542.	1.2	149
93	Chemokines in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 742-750.	1.1	145
94	The significance of vasodilator-stimulated phosphoprotein for risk stratification of stent thrombosis. Thrombosis and Haemostasis, 2007, 98, 1329-1334.	1.8	144
95	Regulated release and functional modulation of junctional adhesion molecule A by disintegrin metalloproteinases. Blood, 2009, 113, 4799-4809.	0.6	144
96	CXC chemokine ligand 4 (Cxcl4) is a platelet-derived mediator of experimental liver fibrosis. Hepatology, 2010, 51, 1345-1353.	3.6	144
97	Polymorphism of Bordetella pertussis Isolates Circulating for the Last 10 Years in France, Where a Single Effective Whole-Cell Vaccine Has Been Used for More than 30 Years. Journal of Clinical Microbiology, 2001, 39, 4396-4403.	1.8	140
98	Regulation of endothelial progenitor cell homing after arterial injury. Thrombosis and Haemostasis, 2007, 98, 274-277.	1.8	139
99	Neutrophil granule proteins tune monocytic cell function. Trends in Immunology, 2009, 30, 538-546.	2.9	139
100	Stabilisation of atherosclerotic plaques. Thrombosis and Haemostasis, 2011, 106, 1-19.	1.8	139
101	Chrono-pharmacological Targeting of the CCL2-CCR2 Axis Ameliorates Atherosclerosis. Cell Metabolism, 2018, 28, 175-182.e5.	7.2	139
102	Oxidized Phospholipids Trigger Atherogenic Inflammation in Murine Arteries. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 633-638.	1.1	138
103	Reduced numbers of circulating endothelial progenitor cells in patients with coronary artery disease associated with long-term statin treatment. Atherosclerosis, 2007, 192, 413-420.	0.4	135
104	Macrophage migration inhibitory factor (MIF) exerts antifibrotic effects in experimental liver fibrosis via CD74. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17444-17449.	3.3	133
105	Neutrophil-Derived Cathelicidin Promotes Adhesion of Classical Monocytes. Circulation Research, 2013, 112, 792-801.	2.0	132
106	Therapeutic targeting of chemokine interactions in atherosclerosis. Nature Reviews Drug Discovery, 2010, 9, 141-153.	21.5	130
107	Polymerization of MIP-1 chemokine (CCL3 and CCL4) and clearance of MIP-1 by insulin-degrading enzyme. EMBO Journal, 2010, 29, 3952-3966.	3.5	129
108	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

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109	CD73/Ecto-5â€²-Nucleotidase Protects Against Vascular Inflammation and Neointima Formation. Circulation, 2006, 113, 2120-2127.	1.6	128
110	Endothelial Hypoxia-Inducible Factor-1Î± Promotes Atherosclerosis and Monocyte Recruitment by Upregulating MicroRNA-19a. Hypertension, 2015, 66, 1220-1226.	1.3	128
111	Vascular CXCR4 Limits Atherosclerosis by Maintaining Arterial Integrity. Circulation, 2017, 136, 388-403.	1.6	128
112	Immunotherapy for cardiovascular disease. European Heart Journal, 2019, 40, 3937-3946.	1.0	127
113	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
114	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
115	Annexin A1 Counteracts Chemokine-Induced Arterial Myeloid Cell Recruitment. Circulation Research, 2015, 116, 827-835.	2.0	124
116	A Non-peptide Functional Antagonist of the CCR1 Chemokine Receptor Is Effective in Rat Heart Transplant Rejection. Journal of Biological Chemistry, 2001, 276, 4199-4204.	1.6	121
117	Chemokine interactome mapping enables tailored intervention in acute and chronic inflammation. Science Translational Medicine, 2017, 9, .	5.8	121
118	Î±-Tocopheryl succinate-induced apoptosis in Jurkat T cells involves caspase-3 activation, and both lysosomal and mitochondrial destabilisation. FEBS Letters, 1999, 445, 295-300.	1.3	120
119	Myocardial Stiffness, Cardiac Remodeling, and Diastolic Dysfunction in Calcification-Prone Fetuin-Aâ€“Deficient Mice. Journal of the American Society of Nephrology: JASN, 2005, 16, 3357-3364.	3.0	119
120	MicroRNAs in flow-dependent vascular remodelling. Cardiovascular Research, 2013, 99, 294-303.	1.8	119
121	Hypoxia-induced endothelial secretion of macrophage migration inhibitory factor and role in endothelial progenitor cell recruitment. Journal of Cellular and Molecular Medicine, 2011, 15, 668-678.	1.6	118
122	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
123	Regulation of monocyte cell fate by blood vessels mediated by Notch signalling. Nature Communications, 2016, 7, 12597.	5.8	115
124	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
125	Double-Edged Role of the CXCL12/CXCR4 Axis in Experimental Myocardial Infarction. Journal of the American College of Cardiology, 2011, 58, 2415-2423.	1.2	114
126	Pericardial Adipose Tissue Regulates Granulopoiesis, Fibrosis, and Cardiac Function After Myocardial Infarction. Circulation, 2018, 137, 948-960.	1.6	114

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127	Role and analysis of monocyte subsets in cardiovascular disease. Thrombosis and Haemostasis, 2016, 116, 626-637.	1.8	113
128	Neointimal Smooth Muscle Cells Display a Proinflammatory Phenotype Resulting in Increased Leukocyte Recruitment Mediated by P-Selectin and Chemokines. Circulation Research, 2004, 94, 776-784.	2.0	110
129	A New Monocyte Chemotactic Protein-1/Chemokine CC Motif Ligand-2 Competitor Limiting Neointima Formation and Myocardial Ischemia/Reperfusion Injury in Mice. Journal of the American College of Cardiology, 2010, 56, 1847-1857.	1.2	110
130	Artery Tertiary Lymphoid Organs Contribute to Innate and Adaptive Immune Responses in Advanced Mouse Atherosclerosis. Circulation Research, 2014, 114, 1772-1787.	2.0	108
131	CXCR4 identifies transitional bone marrow premonocytes that replenish the mature monocyte pool for peripheral responses. Journal of Experimental Medicine, 2016, 213, 2293-2314.	4.2	108
132	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
133	Transplantation of endothelial progenitor cells improves neovascularization and left ventricular function after myocardial infarction in a rat model. Basic Research in Cardiology, 2008, 103, 69-77.	2.5	106
134	NADPH Oxidase Nox2 Is Required for Hypoxia-Induced Mobilization of Endothelial Progenitor Cells. Circulation Research, 2009, 105, 537-544.	2.0	105
135	Endothelial Dicer promotes atherosclerosis and vascular inflammation by miRNA-103-mediated suppression of KLF4. Nature Communications, 2016, 7, 10521.	5.8	105
136	CCR5 ⁺ T-bet ⁺ FoxP3 ⁺ Effector CD4 T Cells Drive Atherosclerosis. Circulation Research, 2016, 118, 1540-1552.	2.0	104
137	Touch of Chemokines. Frontiers in Immunology, 2012, 3, 175.	2.2	103
138	Regulation of Csf1r and Bcl6 in Macrophages Mediates the Stage-Specific Effects of MicroRNA-155 on Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 796-803.	1.1	102
139	Stabilization of atherosclerotic plaques: an update. European Heart Journal, 2013, 34, 3251-3258.	1.0	101
140	Endothelial Junctional Adhesion Molecule-A Guides Monocytes Into Flow-Dependent Predilection Sites of Atherosclerosis. Circulation, 2014, 129, 66-76.	1.6	101
141	MicroRNA-mediated mechanisms of the cellular stress response in atherosclerosis. Nature Reviews Cardiology, 2015, 12, 361-374.	6.1	101
142	Neutrophil-Derived Cathelicidin Protects from Neointimal Hyperplasia. Science Translational Medicine, 2011, 3, 103ra98.	5.8	100
143	Endothelial progenitor cells in vascular repair and remodeling. Pharmacological Research, 2008, 58, 148-151.	3.1	99
144	microRNA expression signatures and parallels between monocyte subsets and atherosclerotic plaque in humans. Thrombosis and Haemostasis, 2012, 107, 619-625.	1.8	98

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145	Epithelial magnesium transport by TRPM6 is essential for prenatal development and adult survival. ELife, 2016, 5, .	2.8	98
146	Oligomerization of RANTES is required for CCR1-mediated arrest but not CCR5-mediated transmigration of leukocytes on inflamed endothelium. Blood, 2003, 102, 1985-1988.	0.6	97
147	Pathogenic arterial remodeling: the good and bad of microRNAs. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1050-H1059.	1.5	97
148	Chemokines as Therapeutic Targets in Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 583-592.	1.1	96
149	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
150	Chemokines: established and novel targets in atherosclerosis. EMBO Molecular Medicine, 2011, 3, 713-725.	3.3	93
151	Regulatory T cells in atherosclerosis: critical immune regulatory function and therapeutic potential. Cellular and Molecular Life Sciences, 2016, 73, 901-922.	2.4	93
152	Inflammatory Chemokines in Atherosclerosis. Cells, 2021, 10, 226.	1.8	92
153	Interleukin-6 is a direct mediator of Tâ€„cell migration. European Journal of Immunology, 2004, 34, 2895-2906.	1.6	91
154	Y-Box Binding Protein-1 Controls CC Chemokine Ligand-5 (CCL5) Expression in Smooth Muscle Cells and Contributes to Neointima Formation in Atherosclerosis-Prone Mice. Circulation, 2007, 116, 1812-1820.	1.6	91
155	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
156	Platelet CD40 Exacerbates Atherosclerosis by Transcellular Activation of Endothelial Cells and Leukocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 482-490.	1.1	90
157	Expression of HIF-1Î± in Injured Arteries Controls SDF-1Î±â€“Mediated Neointima Formation in Apolipoprotein Eâ€“Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2540-2547.	1.1	88
158	Noncanonical inhibition of caspase-3 by a nuclear microRNA confers endothelial protection by autophagy in atherosclerosis. Science Translational Medicine, 2020, 12, .	5.8	88
159	Chemokine CCL5/RANTES inhibition reduces myocardial reperfusion injury in atherosclerotic mice. Journal of Molecular and Cellular Cardiology, 2010, 48, 789-798.	0.9	87
160	Monocytic cell adhesion to endothelial cells stimulated by oxidized low density lipoprotein is mediated by distinct endothelial ligands. Atherosclerosis, 1998, 136, 297-303.	0.4	86
161	Inflammatory mediators in atherosclerotic vascular disease. Basic Research in Cardiology, 2005, 100, 93-101.	2.5	86
162	Neuroimmune cardiovascular interfaces control atherosclerosis. Nature, 2022, 605, 152-159.	13.7	86

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163	Artery Tertiary Lymphoid Organs Control Multilayered Territorialized Atherosclerosis B-Cell Responses in Aged ApoE ^{â”/â”} Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1174-1185.	1.1	85
164	Differential role of monocyte subsets in atherosclerosis. Thrombosis and Haemostasis, 2011, 106, 757-762.	1.8	83
165	Blood vessel control of macrophage maturation promotes arteriogenesis in ischemia. Nature Communications, 2017, 8, 952.	5.8	83
166	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
167	The CD40-TRAF6 axis is the key regulator of the CD40/CD40L system in neointima formation and arterial remodeling. Blood, 2008, 111, 4596-4604.	0.6	80
168	MRTF-A controls vessel growth and maturation by increasing the expression of CCN1 and CCN2. Nature Communications, 2014, 5, 3970.	5.8	80
169	Double-stranded RNA mediates homology-dependant gene silencing of Î³-tubulin in the human parasite Entamoeba histolytica. Molecular and Biochemical Parasitology, 2004, 138, 21-28.	0.5	79
170	Involvement of JAM-A in Mononuclear Cell Recruitment on Inflamed or Atherosclerotic Endothelium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 729-735.	1.1	79
171	Differential roles of angiogenic chemokines in endothelial progenitor cell-induced angiogenesis. Basic Research in Cardiology, 2013, 108, 310.	2.5	79
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