

Christian Weber

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

530
papers

39,174
citations

103
h-index

176
g-index

587
ext. papers

45,346
ext. citations

9.5
avg, IF

7.48
L-index

#	Paper	IF	Citations
530	Atherosclerosis: current pathogenesis and therapeutic options. <i>Nature Medicine</i> , 2011 , 17, 1410-22	50.5	1402
529	Delivery of microRNA-126 by apoptotic bodies induces CXCL12-dependent vascular protection. <i>Science Signaling</i> , 2009 , 2, ra81	8.8	978
528	MIF is a noncognate ligand of CXC chemokine receptors in inflammatory and atherogenic cell recruitment. <i>Nature Medicine</i> , 2007 , 13, 587-96	50.5	895
527	Circulating activated platelets exacerbate atherosclerosis in mice deficient in apolipoprotein E. <i>Nature Medicine</i> , 2003 , 9, 61-7	50.5	820
526	The genome of the protist parasite <i>Entamoeba histolytica</i> . <i>Nature</i> , 2005 , 433, 865-8	50.4	701
525	Microparticles: protagonists of a novel communication network for intercellular information exchange. <i>Circulation Research</i> , 2010 , 107, 1047-57	15.7	637
524	The multifaceted contributions of leukocyte subsets to atherosclerosis: lessons from mouse models. <i>Nature Reviews Immunology</i> , 2008 , 8, 802-15	36.5	625
523	Hepatic recruitment of the inflammatory Gr1+ monocyte subset upon liver injury promotes hepatic fibrosis. <i>Hepatology</i> , 2009 , 50, 261-74	11.2	536
522	Platelets as immune cells: bridging inflammation and cardiovascular disease. <i>Circulation Research</i> , 2007 , 100, 27-40	15.7	519
521	JAM-1 is a ligand of the beta(2) integrin LFA-1 involved in transendothelial migration of leukocytes. <i>Nature Immunology</i> , 2002 , 3, 151-8	19.1	513
520	Hyperlipidemia-triggered neutrophilia promotes early atherosclerosis. <i>Circulation</i> , 2010 , 122, 1837-45	16.7	466
519	MicroRNA-126-5p promotes endothelial proliferation and limits atherosclerosis by suppressing Dlk1. <i>Nature Medicine</i> , 2014 , 20, 368-76	50.5	427
518	Rhythmic modulation of the hematopoietic niche through neutrophil clearance. <i>Cell</i> , 2013 , 153, 1025-35	56.2	409
517	The role of junctional adhesion molecules in vascular inflammation. <i>Nature Reviews Immunology</i> , 2007 , 7, 467-77	36.5	387
516	MicroRNA-155 promotes atherosclerosis by repressing Bcl6 in macrophages. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4190-202	15.9	359
515	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. <i>Journal of the American College of Cardiology</i> , 1997 , 30, 1212-7	15.1	358
514	Disrupting functional interactions between platelet chemokines inhibits atherosclerosis in hyperlipidemic mice. <i>Nature Medicine</i> , 2009 , 15, 97-103	50.5	338

513	CX3CR1 is required for monocyte homeostasis and atherogenesis by promoting cell survival. <i>Blood</i> , 2009 , 113, 963-72	2.2	328
512	Protective role of CXC receptor 4/CXC ligand 12 unveils the importance of neutrophils in atherosclerosis. <i>Circulation Research</i> , 2008 , 102, 209-17	15.7	322
511	SDF-1alpha/CXCR4 axis is instrumental in neointimal hyperplasia and recruitment of smooth muscle progenitor cells. <i>Circulation Research</i> , 2005 , 96, 784-91	15.7	314
510	Chemokines in atherosclerosis: an update. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1897-908	9.4	308
509	Neutrophils orchestrate post-myocardial infarction healing by polarizing macrophages towards a reparative phenotype. <i>European Heart Journal</i> , 2017 , 38, 187-197	9.5	304
508	Platelet microparticles: a transcellular delivery system for RANTES promoting monocyte recruitment on endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 1512-8	9.4	298
507	Deposition of platelet RANTES triggering monocyte recruitment requires P-selectin and is involved in neointima formation after arterial injury. <i>Circulation</i> , 2002 , 106, 1523-9	16.7	288
506	Neutrophil secretion products pave the way for inflammatory monocytes. <i>Blood</i> , 2008 , 112, 1461-71	2.2	287
505	Heterophilic interactions of platelet factor 4 and RANTES promote monocyte arrest on endothelium. <i>Blood</i> , 2005 , 105, 924-30	2.2	282
504	Neutrophils as protagonists and targets in chronic inflammation. <i>Nature Reviews Immunology</i> , 2017 , 17, 248-261	36.5	268
503	Biomechanical factors in atherosclerosis: mechanisms and clinical implications. <i>European Heart Journal</i> , 2014 , 35, 3013-20, 3020a-3020d	9.5	250
502	Induction of cancer cell apoptosis by alpha-tocopheryl succinate: molecular pathways and structural requirements. <i>FASEB Journal</i> , 2001 , 15, 403-15	0.9	250
501	Auto-antigenic protein-DNA complexes stimulate plasmacytoid dendritic cells to promote atherosclerosis. <i>Circulation</i> , 2012 , 125, 1673-83	16.7	237
500	Statin treatment after onset of sepsis in a murine model improves survival. <i>Circulation</i> , 2005 , 112, 117-24	16.7	232
499	Ccr5 but not Ccr1 deficiency reduces development of diet-induced atherosclerosis in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 373-9	9.4	225
498	Del-1, an endogenous leukocyte-endothelial adhesion inhibitor, limits inflammatory cell recruitment. <i>Science</i> , 2008 , 322, 1101-4	33.3	218
497	Platelets and chemokines in atherosclerosis: partners in crime. <i>Circulation Research</i> , 2005 , 96, 612-6	15.7	215
496	Atherosclerotic plaque destabilization: mechanisms, models, and therapeutic strategies. <i>Circulation Research</i> , 2014 , 114, 214-26	15.7	214

495	Perivascular mast cells promote atherogenesis and induce plaque destabilization in apolipoprotein E-deficient mice. <i>Circulation</i> , 2007 , 115, 2516-25	16.7	214
494	HMG-CoA reductase inhibitor simvastatin profoundly improves survival in a murine model of sepsis. <i>Circulation</i> , 2004 , 109, 2560-5	16.7	212
493	Platelet CD40L mediates thrombotic and inflammatory processes in atherosclerosis. <i>Blood</i> , 2010 , 116, 4317-27	2.2	211
492	Macrophage migration inhibitory factor in cardiovascular disease. <i>Circulation</i> , 2008 , 117, 1594-602	16.7	209
491	Neutrophil Extracellular Traps in Atherosclerosis and Atherothrombosis. <i>Circulation Research</i> , 2017 , 120, 736-743	15.7	208
490	Importance of CXC chemokine receptor 2 in the homing of human peripheral blood endothelial progenitor cells to sites of arterial injury. <i>Circulation Research</i> , 2007 , 100, 590-7	15.7	207
489	Specialized roles of the chemokine receptors CCR1 and CCR5 in the recruitment of monocytes and T(H)1-like/CD45RO(+) T cells. <i>Blood</i> , 2001 , 97, 1144-6	2.2	205
488	Chemokines: key regulators of mononuclear cell recruitment in atherosclerotic vascular disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 1997-2008	9.4	203
487	Targeted disruption of cd73/ecto-5'-nucleotidase alters thromboregulation and augments vascular inflammatory response. <i>Circulation Research</i> , 2004 , 95, 814-21	15.7	203
486	Deficient CD40-TRAF6 signaling in leukocytes prevents atherosclerosis by skewing the immune response toward an antiinflammatory profile. <i>Journal of Experimental Medicine</i> , 2010 , 207, 391-404	16.6	186
485	Synchronized integrin engagement and chemokine activation is crucial in neutrophil extracellular trap-mediated sterile inflammation. <i>Blood</i> , 2014 , 123, 2573-84	2.2	185
484	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. <i>Cardiovascular Research</i> , 2020 , 116, 2177-2184	9.9	184
483	CCL17-expressing dendritic cells drive atherosclerosis by restraining regulatory T cell homeostasis in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 2898-910	15.9	183
482	Crucial role of stromal cell-derived factor-1alpha in neointima formation after vascular injury in apolipoprotein E-deficient mice. <i>Circulation</i> , 2003 , 108, 2491-7	16.7	178
481	Mechanisms underlying neutrophil-mediated monocyte recruitment. <i>Blood</i> , 2009 , 114, 4613-23	2.2	173
480	Interleukin-13 protects from atherosclerosis and modulates plaque composition by skewing the macrophage phenotype. <i>EMBO Molecular Medicine</i> , 2012 , 4, 1072-86	12	172
479	Non-coding RNAs in cardiovascular diseases: diagnostic and therapeutic perspectives. <i>European Heart Journal</i> , 2018 , 39, 2704-2716	9.5	168
478	Antagonism of the chemokine Ccl5 ameliorates experimental liver fibrosis in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 4129-40	15.9	168

477	MicroRNA-126, -145, and -155: a therapeutic triad in atherosclerosis?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 449-54	9.4	166
476	The microRNA-342-5p fosters inflammatory macrophage activation through an Akt1- and microRNA-155-dependent pathway during atherosclerosis. <i>Circulation</i> , 2013 , 127, 1609-19	16.7	163
475	Presence of luminal neutrophil extracellular traps in atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2012 , 107, 597-8	7	162
474	Myeloid type I interferon signaling promotes atherosclerosis by stimulating macrophage recruitment to lesions. <i>Cell Metabolism</i> , 2010 , 12, 142-53	24.6	162
473	The CXCL12/CXCR4 chemokine ligand/receptor axis in cardiovascular disease. <i>Frontiers in Physiology</i> , 2014 , 5, 212	4.6	161
472	Disruption of platelet-derived chemokine heteromers prevents neutrophil extravasation in acute lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 628-36	10.2	160
471	smiFISH and FISH-quant - a flexible single RNA detection approach with super-resolution capability. <i>Nucleic Acids Research</i> , 2016 , 44, e165	20.1	158
470	Externalized histone H4 orchestrates chronic inflammation by inducing lytic cell death. <i>Nature</i> , 2019 , 569, 236-240	50.4	154
469	Lack of neutrophil-derived CRAMP reduces atherosclerosis in mice. <i>Circulation Research</i> , 2012 , 110, 1052-6	16.7	153
468	Stabilization of atherosclerotic plaques by blockade of macrophage migration inhibitory factor after vascular injury in apolipoprotein E-deficient mice. <i>Circulation</i> , 2004 , 109, 380-5	16.7	151
467	A novel drug-eluting stent coated with an integrin-binding cyclic Arg-Gly-Asp peptide inhibits neointimal hyperplasia by recruiting endothelial progenitor cells. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 1786-95	15.1	148
466	Platelet microparticles enhance the vasoregenerative potential of angiogenic early outgrowth cells after vascular injury. <i>Circulation</i> , 2010 , 122, 495-506	16.7	147
465	Lipoprotein-derived lysophosphatidic acid promotes atherosclerosis by releasing CXCL1 from the endothelium. <i>Cell Metabolism</i> , 2011 , 13, 592-600	24.6	146
464	Chemokines in the vascular inflammatory response of atherosclerosis. <i>Cardiovascular Research</i> , 2010 , 86, 192-201	9.9	146
463	Microvesicles in vascular homeostasis and diseases. Position Paper of the European Society of Cardiology (ESC) Working Group on Atherosclerosis and Vascular Biology. <i>Thrombosis and Haemostasis</i> , 2017 , 117, 1296-1316	7	143
462	Mitochondria play a central role in apoptosis induced by alpha-tocopheryl succinate, an agent with antineoplastic activity: comparison with receptor-mediated pro-apoptotic signaling. <i>Biochemistry</i> , 2003 , 42, 4277-91	3.2	140
461	Transmembrane chemokines: Versatile special agents in vascular inflammation. <i>Thrombosis and Haemostasis</i> , 2007 , 97, 694-703	7	139
460	A Neutrophil Timer Coordinates Immune Defense and Vascular Protection. <i>Immunity</i> , 2019 , 50, 390-402.e10	16.7	138

459	A functional heteromeric MIF receptor formed by CD74 and CXCR4. <i>FEBS Letters</i> , 2009 , 583, 2749-57	3.8	138
458	Long-term assessment of a novel biodegradable paclitaxel-eluting coronary polylactide stent. <i>European Heart Journal</i> , 2004 , 25, 1330-40	9.5	138
457	Artery Tertiary Lymphoid Organs Control Aorta Immunity and Protect against Atherosclerosis via Vascular Smooth Muscle Cell Lymphotoxin [Receptors. <i>Immunity</i> , 2015 , 42, 1100-15	32.3	134
456	Novel methodologies for biomarker discovery in atherosclerosis. <i>European Heart Journal</i> , 2015 , 36, 2635-42	9.4	133
455	Growth differentiation factor 15 deficiency protects against atherosclerosis by attenuating CCR2-mediated macrophage chemotaxis. <i>Journal of Experimental Medicine</i> , 2011 , 208, 217-25	16.6	131
454	Angiopoietin 2 mediates microvascular and hemodynamic alterations in sepsis. <i>Journal of Clinical Investigation</i> , 2013 ,	15.9	130
453	The significance of vasodilator-stimulated phosphoprotein for risk stratification of stent thrombosis. <i>Thrombosis and Haemostasis</i> , 2007 , 98, 1329-1334	7	129
452	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. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 4396-403	9.7	129
451	Distinct functions of chemokine receptor axes in the atherogenic mobilization and recruitment of classical monocytes. <i>EMBO Molecular Medicine</i> , 2013 , 5, 471-81	12	127
450	Structural determinants of MIF functions in CXCR2-mediated inflammatory and atherogenic leukocyte recruitment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16278-83	11.5	126
449	Reduced numbers of circulating endothelial progenitor cells in patients with coronary artery disease associated with long-term statin treatment. <i>Atherosclerosis</i> , 2007 , 192, 413-20	3.1	124
448	Neutrophils in atherosclerosis: from mice to man. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 288-95	9.4	122
447	Resolving Lipid Mediators Maresin 1 and Resolvin D2 Prevent Atheroprogession in Mice. <i>Circulation Research</i> , 2016 , 119, 1030-1038	15.7	121
446	Regulation of endothelial progenitor cell homing after arterial injury. <i>Thrombosis and Haemostasis</i> , 2007 , 98, 274-277	7	121
445	Neutrophil granule proteins tune monocytic cell function. <i>Trends in Immunology</i> , 2009 , 30, 538-46	14.4	120
444	CD73/ecto-5'-nucleotidase protects against vascular inflammation and neointima formation. <i>Circulation</i> , 2006 , 113, 2120-7	16.7	119
443	Regulated release and functional modulation of junctional adhesion molecule A by disintegrin metalloproteinases. <i>Blood</i> , 2009 , 113, 4799-809	2.2	117
442	Oxidized phospholipids trigger atherogenic inflammation in murine arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 633-8	9.4	117

441	Targeting IRE1 with small molecules counteracts progression of atherosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E1395-E1404	11.5	116
440	Neutrophils instruct homeostatic and pathological states in naive tissues. <i>Journal of Experimental Medicine</i> , 2018 , 215, 2778-2795	16.6	116
439	Diversity and Inter-Connections in the CXCR4 Chemokine Receptor/Ligand Family: Molecular Perspectives. <i>Frontiers in Immunology</i> , 2015 , 6, 429	8.4	114
438	CXC chemokine ligand 4 (Cxcl4) is a platelet-derived mediator of experimental liver fibrosis. <i>Hepatology</i> , 2010 , 51, 1345-53	11.2	114
437	Chemical Hybridization of Glucagon and Thyroid Hormone Optimizes Therapeutic Impact for Metabolic Disease. <i>Cell</i> , 2016 , 167, 843-857.e14	56.2	114
436	Myocardial stiffness, cardiac remodeling, and diastolic dysfunction in calcification-prone fetuin-A-deficient mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 3357-64	12.7	113
435	Stabilisation of atherosclerotic plaques. Position paper of the European Society of Cardiology (ESC) Working Group on atherosclerosis and vascular biology. <i>Thrombosis and Haemostasis</i> , 2011 , 106, 1-19	7	110
434	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. <i>Circulation Research</i> , 2004 , 95, 1125-33	15.7	109
433	Neutrophil-derived cathelicidin promotes adhesion of classical monocytes. <i>Circulation Research</i> , 2013 , 112, 792-801	15.7	108
432	ApoE attenuates unresolvable inflammation by complex formation with activated C1q. <i>Nature Medicine</i> , 2019 , 25, 496-506	50.5	107
431	Deficiency in CCR5 but not CCR1 protects against neointima formation in atherosclerosis-prone mice: involvement of IL-10. <i>Blood</i> , 2006 , 107, 4240-3	2.2	106
430	Chemokines in atherosclerosis: proceedings resumed. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 742-50	9.4	105
429	Therapeutic targeting of chemokine interactions in atherosclerosis. <i>Nature Reviews Drug Discovery</i> , 2010 , 9, 141-53	64.1	105
428	A non-peptide functional antagonist of the CCR1 chemokine receptor is effective in rat heart transplant rejection. <i>Journal of Biological Chemistry</i> , 2001 , 276, 4199-204	5.4	104
427	alpha-tocopheryl succinate-induced apoptosis in Jurkat T cells involves caspase-3 activation, and both lysosomal and mitochondrial destabilisation. <i>FEBS Letters</i> , 1999 , 445, 295-300	3.8	103
426	Hematopoietic Deficiency of the Long Noncoding RNA MALAT1 Promotes Atherosclerosis and Plaque Inflammation. <i>Circulation</i> , 2019 , 139, 1320-1334	16.7	103
425	CXCR6 promotes atherosclerosis by supporting T-cell homing, interferon-gamma production, and macrophage accumulation in the aortic wall. <i>Circulation</i> , 2007 , 116, 1801-11	16.7	102
424	Hypoxia-induced endothelial secretion of macrophage migration inhibitory factor and role in endothelial progenitor cell recruitment. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 668-78	5.6	100

423	Macrophage migration inhibitory factor (MIF) exerts antifibrotic effects in experimental liver fibrosis via CD74. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 17444-9	11.5	100
422	Neointimal smooth muscle cells display a proinflammatory phenotype resulting in increased leukocyte recruitment mediated by P-selectin and chemokines. <i>Circulation Research</i> , 2004 , 94, 776-84	15.7	100
421	MicroRNAs in flow-dependent vascular remodelling. <i>Cardiovascular Research</i> , 2013 , 99, 294-303	9.9	98
420	Polymerization of MIP-1 chemokine (CCL3 and CCL4) and clearance of MIP-1 by insulin-degrading enzyme. <i>EMBO Journal</i> , 2010 , 29, 3952-66	13	98
419	Chrono-pharmacological Targeting of the CCL2-CCR2 Axis Ameliorates Atherosclerosis. <i>Cell Metabolism</i> , 2018 , 28, 175-182.e5	24.6	98
418	Mechanical Activation of Hypoxia-Inducible Factor 1 β Drives Endothelial Dysfunction at Atheroprone Sites. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 2087-2101	9.4	96
417	Reduction of the aortic inflammatory response in spontaneous atherosclerosis by blockade of macrophage migration inhibitory factor (MIF). <i>Atherosclerosis</i> , 2006 , 184, 28-38	3.1	95
416	Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. <i>Immunity</i> , 2018 , 49, 819-828.e6	32.3	95
415	Transplantation of endothelial progenitor cells improves neovascularization and left ventricular function after myocardial infarction in a rat model. <i>Basic Research in Cardiology</i> , 2008 , 103, 69-77	11.8	94
414	Double-edged role of the CXCL12/CXCR4 axis in experimental myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 2415-23	15.1	93
413	Annexin A1 counteracts chemokine-induced arterial myeloid cell recruitment. <i>Circulation Research</i> , 2015 , 116, 827-35	15.7	92
412	Targeting CD40-Induced TRAF6 Signaling in Macrophages Reduces Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 527-542	15.1	91
411	Pathogenic arterial remodeling: the good and bad of microRNAs. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 304, H1050-9	5.2	91
410	NADPH oxidase Nox2 is required for hypoxia-induced mobilization of endothelial progenitor cells. <i>Circulation Research</i> , 2009 , 105, 537-44	15.7	89
409	Programmed 'disarming' of the neutrophil proteome reduces the magnitude of inflammation. <i>Nature Immunology</i> , 2020 , 21, 135-144	19.1	89
408	Endothelial Hypoxia-Inducible Factor-1 β Promotes Atherosclerosis and Monocyte Recruitment by Upregulating MicroRNA-19a. <i>Hypertension</i> , 2015 , 66, 1220-6	8.5	88
407	microRNA expression signatures and parallels between monocyte subsets and atherosclerotic plaque in humans. <i>Thrombosis and Haemostasis</i> , 2012 , 107, 619-25	7	88
406	Endothelial progenitor cells in vascular repair and remodeling. <i>Pharmacological Research</i> , 2008 , 58, 148-51.e2	51.2	87

405	Oligomerization of RANTES is required for CCR1-mediated arrest but not CCR5-mediated transmigration of leukocytes on inflamed endothelium. <i>Blood</i> , 2003 , 102, 1985-8	2.2	87
404	Role and analysis of monocyte subsets in cardiovascular disease. Joint consensus document of the European Society of Cardiology (ESC) Working Groups "Atherosclerosis & Vascular Biology" and "Thrombosis". <i>Thrombosis and Haemostasis</i> , 2016 , 116, 626-37	7	86
403	Vascular CXCR4 Limits Atherosclerosis by Maintaining Arterial Integrity: Evidence From Mouse and Human Studies. <i>Circulation</i> , 2017 , 136, 388-403	16.7	83
402	Endothelial Dicer promotes atherosclerosis and vascular inflammation by miRNA-103-mediated suppression of KLF4. <i>Nature Communications</i> , 2016 , 7, 10521	17.4	81
401	A new monocyte chemotactic protein-1/chemokine CC motif ligand-2 competitor limiting neointima formation and myocardial ischemia/reperfusion injury in mice. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1847-57	15.1	81
400	Neutrophil-derived cathelicidin protects from neointimal hyperplasia. <i>Science Translational Medicine</i> , 2011 , 3, 103ra98	17.5	81
399	Touch of chemokines. <i>Frontiers in Immunology</i> , 2012 , 3, 175	8.4	81
398	The time-of-day of myocardial infarction onset affects healing through oscillations in cardiac neutrophil recruitment. <i>EMBO Molecular Medicine</i> , 2016 , 8, 937-48	12	81
397	Monocytic cell adhesion to endothelial cells stimulated by oxidized low density lipoprotein is mediated by distinct endothelial ligands. <i>Atherosclerosis</i> , 1998 , 136, 297-303	3.1	80
396	Endothelial junctional adhesion molecule-a guides monocytes into flow-dependent predilection sites of atherosclerosis. <i>Circulation</i> , 2014 , 129, 66-76	16.7	79
395	Chemokines: established and novel targets in atherosclerosis. <i>EMBO Molecular Medicine</i> , 2011 , 3, 713-25	12	79
394	MIF interacts with CXCR7 to promote receptor internalization, ERK1/2 and ZAP-70 signaling, and lymphocyte chemotaxis. <i>FASEB Journal</i> , 2015 , 29, 4497-511	0.9	78
393	Expression of HIF-1alpha in injured arteries controls SDF-1alpha mediated neointima formation in apolipoprotein E deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 2540-7	9.4	78
392	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. <i>Circulation</i> , 2007 , 116, 1812-20	16.7	78
391	MicroRNA-mediated mechanisms of the cellular stress response in atherosclerosis. <i>Nature Reviews Cardiology</i> , 2015 , 12, 361-74	14.8	77
390	Stabilization of atherosclerotic plaques: an update. <i>European Heart Journal</i> , 2013 , 34, 3251-8	9.5	77
389	Interleukin-6 is a direct mediator of T cell migration. <i>European Journal of Immunology</i> , 2004 , 34, 2895-906	1	77
388	Chemokine CCL5/RANTES inhibition reduces myocardial reperfusion injury in atherosclerotic mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2010 , 48, 789-98	5.8	76

387	Platelet CD40 Exacerbates Atherosclerosis by Transcellular Activation of Endothelial Cells and Leukocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 482-90	9.4	74
386	Artery tertiary lymphoid organs contribute to innate and adaptive immune responses in advanced mouse atherosclerosis. <i>Circulation Research</i> , 2014 , 114, 1772-87	15.7	74
385	Regulation of monocyte cell fate by blood vessels mediated by Notch signalling. <i>Nature Communications</i> , 2016 , 7, 12597	17.4	73
384	Molecular Imaging of Fibroblast Activity After Myocardial Infarction Using a Ga-Labeled Fibroblast Activation Protein Inhibitor, FAPI-04. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 1743-1749	8.9	73
383	Chemokine interactome mapping enables tailored intervention in acute and chronic inflammation. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	71
382	Nanomedicine-based strategies for treatment of atherosclerosis. <i>Trends in Molecular Medicine</i> , 2014 , 20, 271-81	11.5	71
381	Differential role of monocyte subsets in atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2011 , 106, 757-627		71
380	Differential roles of angiogenic chemokines in endothelial progenitor cell-induced angiogenesis. <i>Basic Research in Cardiology</i> , 2013 , 108, 310	11.8	70
379	The CD40-TRAF6 axis is the key regulator of the CD40/CD40L system in neointima formation and arterial remodeling. <i>Blood</i> , 2008 , 111, 4596-604	2.2	70
378	Stress by heat shock induces massive down regulation of genes and allows differential allelic expression of the Gal/GalNAc lectin in <i>Entamoeba histolytica</i> . <i>Eukaryotic Cell</i> , 2006 , 5, 871-5		70
377	Vascular endothelial growth factor-A induces plaque expansion in ApoE knock-out mice by promoting de novo leukocyte recruitment. <i>Blood</i> , 2007 , 109, 122-9	2.2	69
376	Epithelial magnesium transport by TRPM6 is essential for prenatal development and adult survival. <i>ELife</i> , 2016 , 5,	8.9	69
375	Involvement of JAM-A in mononuclear cell recruitment on inflamed or atherosclerotic endothelium: inhibition by soluble JAM-A. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 729-35	9.4	68
374	CCR5+T-bet+FoxP3+ Effector CD4 T Cells Drive Atherosclerosis. <i>Circulation Research</i> , 2016 , 118, 1540-52	15.7	68
373	Pericardial Adipose Tissue Regulates Granulopoiesis, Fibrosis, and Cardiac Function After Myocardial Infarction. <i>Circulation</i> , 2018 , 137, 948-960	16.7	68
372	MRTF-A controls vessel growth and maturation by increasing the expression of CCN1 and CCN2. <i>Nature Communications</i> , 2014 , 5, 3970	17.4	67
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58	Repetitive transplantation of different cell types sequentially improves heart function after infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 1640-7	5.6	4
57	Killing two birds with one stone: targeting chemokine receptors in atherosclerosis and HIV infection. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 2448-50	9.4	4
56	Sensitive visualization of SARS-CoV-2 RNA with CoronaFISH.. <i>Life Science Alliance</i> , 2022 , 5,	5.8	4
55	Inositol-requiring enzyme-1 regulates phosphoinositide signaling lipids and macrophage growth. <i>EMBO Reports</i> , 2020 , 21, e51462	6.5	4
54	Annual Report on Sex in Preclinical Studies: Publications in 2018. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, e1-e9	9.4	4
53	Autophagy unleashes noncanonical microRNA functions. <i>Autophagy</i> , 2020 , 16, 2294-2296	10.2	4
52	Let-7f miRNA regulates SDF-1 β and hypoxia-promoted migration of mesenchymal stem cells and attenuates mammary tumor growth upon exosomal release. <i>Cell Death and Disease</i> , 2021 , 12, 516	9.8	4
51	Thrombosis and Haemostasis 2020 Editors' Choice Papers. <i>Thrombosis and Haemostasis</i> , 2021 , 121, 109-114	11.4	4
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44	Looking Back on 2020, Looking Forward to 2021. <i>Thrombosis and Haemostasis</i> , 2021 , 121, 1-3	7	3
43	Non-canonical features of microRNAs: paradigms emerging from cardiovascular disease.. <i>Nature Reviews Cardiology</i> , 2022 ,	14.8	3
42	Phosphorylation-Dependent Differences in CXCR4-LASP1-AKT1 Interaction between Breast Cancer and Chronic Myeloid Leukemia. <i>Cells</i> , 2020 , 9,	7.9	2
41	A Toast to the Last Decade and a Very Happy 2020 from Thrombosis and Haemostasis!. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 1-4	7	2
40	Metabolomic profiling of atherosclerotic plaques: towards improved cardiovascular risk stratification. <i>European Heart Journal</i> , 2018 , 39, 2311-2313	9.5	2
39	Fibronectin extradomain A: balancing atherosclerotic plaque burden and stability. <i>Thrombosis and Haemostasis</i> , 2015 , 114, 4	7	2
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34	Mitochondrial Ejection for Cardiac Protection: The Macrophage Connection. <i>Cell Metabolism</i> , 2020 , 32, 512-513	24.6	2
33	Transcriptome signature of miRNA-26b KO mouse model suggests novel targets. <i>BMC Genomic Data</i> , 2021 , 22, 23	0	2
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29	First degree cohomology of Specht modules over fields of odd prime characteristic. <i>Journal of Algebra</i> , 2013 , 392, 23-41	0.6	1
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27	RANK(L)-ing biomarkers as surrogates for coronary calcium score. <i>Thrombosis and Haemostasis</i> , 2012 , 107, 3	7	1
26	Bone marrow-derived smooth muscle cells are breaking bad in atherogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1258-9	9.4	1
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23	Relationship of five inflammatory gene polymorphisms with morbidity and mortality in 533 patients admitted to an ICU. <i>Inflammation</i> , 2005 , 29, 65-71	5.1	1
22	A Rollercoaster Plunge into 2022.. <i>Thrombosis and Haemostasis</i> , 2022 , 122, 1-4	7	1
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19	Adipocyte calcium sensing receptor is not involved in visceral adipose tissue inflammation or atherosclerosis development in hyperlipidemic Apoe mice. <i>Scientific Reports</i> , 2021 , 11, 10409	4.9	1
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13	Laser Capture Microdissection-Based mRNA Expression Microarrays and Single-Cell RNA Sequencing in Atherosclerosis Research.. <i>Methods in Molecular Biology</i> , 2022 , 2419, 715-726	1.4	0
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