

# Johannes Waltenberger

## List of Publications by Year in Descending Order

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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.

193  
papers

11,307  
citations

55  
h-index

103  
g-index

204  
ext. papers

12,377  
ext. citations

6.9  
avg, IF

5.88  
L-index

#	Paper	IF	Citations
193	Interpretation and actionability of genetic variants in cardiomyopathies: a position statement from the European Society of Cardiology Council on cardiovascular genomics.. <i>European Heart Journal</i> , <b>2022</b> ,	9.5	3
192	The orphan receptor GPRC5B activates pro-inflammatory signaling in the vascular wall via Fyn and NFB.. <i>Biochemical and Biophysical Research Communications</i> , <b>2022</b> , 592, 60-66	3.4	1
191	Individual patient data analysis of the BIOFLOW study program comparing safety and efficacy of a bioresorbable polymer sirolimus eluting stent to a durable polymer everolimus eluting stent. <i>Catheterization and Cardiovascular Interventions</i> , <b>2021</b> , 98, 848-856	2.7	1
190	The year in basic vascular biology research: from mechanoreceptors and neutrophil extracellular traps to smartphone data and omics. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 1814-1822	9.9	1
189	Transforming growth factor- $\beta$ signalling triggers vascular endothelial growth factor resistance and monocyte dysfunction in type 2 diabetes mellitus. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 5316-5325	5.6	3
188	Progress in cardiac research: from rebooting cardiac regeneration to a complete cell atlas of the heart. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 2161-2174	9.9	7
187	Endothelial function in cardiovascular medicine: a consensus paper of the European Society of Cardiology Working Groups on Atherosclerosis and Vascular Biology, Aorta and Peripheral Vascular Diseases, Coronary Pathophysiology and Microcirculation, and Thrombosis. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 2041-2051	9.9	53
186	Edoxaban for stroke prevention in atrial fibrillation in routine clinical care: 1-year follow-up of the prospective observational ETNA-AF-Europe study. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , <b>2021</b> , 7, f30-f39	6.4	10
185	Hyaluronan/Collagen Hydrogels with Sulfated Glycosaminoglycans Maintain VEGF Activity and Fine-Tune Endothelial Cell Response.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 494-506	4.1	5
184	Hyperglycemia-induced endothelial dysfunction is alleviated by thioredoxin mimetic peptides through the restoration of VEGFR-2-induced responses and improved cell survival. <i>International Journal of Cardiology</i> , <b>2020</b> , 308, 73-81	3.2	9
183	Prediction Power on Cardiovascular Disease of Neuroimmune Guidance Cues Expression by Peripheral Blood Monocytes Determined by Machine-Learning Methods. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
182	Anxiety disorders and post-traumatic stress disorder in patients with coronary heart disease. <i>Journal of Affective Disorders Reports</i> , <b>2020</b> , 1, 100009	1.4	0
181	Association of Factor V Leiden With Subsequent Atherothrombotic Events: A GENIUS-CHD Study of Individual Participant Data. <i>Circulation</i> , <b>2020</b> , 142, 546-555	16.7	5
180	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> , <b>2020</b> , 116, 2177-2184	9.9	184
179	OxLDL-mediated immunologic memory in endothelial cells. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2020</b> , 146, 121-132	5.8	16
178	Five-Year Results of the Bioflow-III Registry: Real-World Experience with a Biodegradable Polymer Sirolimus-Eluting Stent. <i>Cardiovascular Revascularization Medicine</i> , <b>2020</b> , 21, 63-69	1.6	11
177	Depressive symptoms and health care within 30 days after discharge from a cardiac hospital unit: Response letter to the editor. <i>General Hospital Psychiatry</i> , <b>2020</b> , 62, 100-101	5.6	

176	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. <i>Circulation Genomic and Precision Medicine</i> , <b>2019</b> , 12, e002470	5.2	13
175	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. <i>Circulation Genomic and Precision Medicine</i> , <b>2019</b> , 12, e002471	5.2	14
174	Mechanisms of Trained Innate Immunity in oxLDL Primed Human Coronary Smooth Muscle Cells. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 13	8.4	32
173	Characteristics of patients initiated on edoxaban in Europe: baseline data from edoxaban treatment in routine clinical practice for patients with atrial fibrillation (AF) in Europe (ETNA-AF-Europe). <i>BMC Cardiovascular Disorders</i> , <b>2019</b> , 19, 165	2.3	16
172	Common Data Elements for Acute Coronary Syndrome: Analysis Based on the Unified Medical Language System. <i>JMIR Medical Informatics</i> , <b>2019</b> , 7, e14107	3.6	4
171	Design and rationale of the Edoxaban Treatment in routine clinical practice for patients with Atrial Fibrillation in Europe (ETNA-AF-Europe) study. <i>Journal of Cardiovascular Medicine</i> , <b>2019</b> , 20, 97-104	1.9	13
170	Depressive symptoms and health care within 30 days after discharge from a cardiac hospital unit. <i>General Hospital Psychiatry</i> , <b>2019</b> , 56, 19-27	5.6	5
169	mTOR-Dependent Oxidative Stress Regulates oxLDL-Induced Trained Innate Immunity in Human Monocytes. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 3155	8.4	45
168	Ecchymosis: A novel sign in patients with varicose veins. <i>Clinical Hemorheology and Microcirculation</i> , <b>2018</b> , 68, 413-419	2.5	10
167	Low density lipoprotein interferes with intracellular signaling of monocytes resulting in impaired chemotaxis and enhanced chemokinesis. <i>International Journal of Cardiology</i> , <b>2018</b> , 255, 160-165	3.2	3
166	Molecular and cellular insights into the pathogenesis of coronary artery ectasia. <i>Cardiovascular Pathology</i> , <b>2018</b> , 35, 37-47	3.8	19
165	Cardiac computed tomography in patients with symptomatic new-onset atrial fibrillation, rule-out acute coronary syndrome, but with intermediate pretest probability for coronary artery disease admitted to a chest pain unit. <i>European Journal of Medical Research</i> , <b>2018</b> , 23, 6	4.8	0
164	BMP-2 induces human mononuclear cell chemotaxis and adhesion and modulates monocyte-to-macrophage differentiation. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 5429-5438	5.6	19
163	Scientists on the Spot: The past, present, and future of the Council on Basic Cardiovascular Science. <i>Cardiovascular Research</i> , <b>2018</b> , 114, e74-e75	9.9	
162	Hyperglycaemia-induced methylglyoxal accumulation potentiates VEGF resistance of diabetic monocytes through the aberrant activation of tyrosine phosphatase SHP-2/SRC kinase signalling axis. <i>Scientific Reports</i> , <b>2018</b> , 8, 14684	4.9	18
161	Frequency of atrial thrombus formation in patients with atrial fibrillation under treatment with non-vitamin K oral anticoagulants in comparison to vitamin K antagonists: a systematic review and meta-analysis. <i>European Journal of Medical Research</i> , <b>2018</b> , 23, 49	4.8	8
160	Light-enhanced VEGF/rGel: A tumor targeted modality with vascular and immune-mediated efficacy. <i>Journal of Controlled Release</i> , <b>2018</b> , 288, 161-172	11.7	14
159	Consensus guidelines for the use and interpretation of angiogenesis assays. <i>Angiogenesis</i> , <b>2018</b> , 21, 425-538	53.8	285

158	Serum brain-derived neurotrophic factor and stability of depressive symptoms in coronary heart disease patients: A prospective study. <i>Psychoneuroendocrinology</i> , <b>2017</b> , 77, 196-202	5	13
157	Sulfated Hyaluronan Alters Endothelial Cell Activation in Vitro by Controlling the Biological Activity of the Angiogenic Factors Vascular Endothelial Growth Factor-A and Tissue Inhibitor of Metalloproteinase-3. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 9539-9550	9.5	21
156	Hh signaling in regeneration of the ischemic heart. <i>Cellular and Molecular Life Sciences</i> , <b>2017</b> , 74, 3481-3493	4.0	15
155	Direct detection of nano-scale extracellular vesicles derived from inflammation-triggered endothelial cells using surface plasmon resonance. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 1663-1671	6	26
154	Impact of Selection Bias on Estimation of Subsequent Event Risk. <i>Circulation: Cardiovascular Genetics</i> , <b>2017</b> , 10,		19
153	Hyaluronan/Collagen Hydrogels with Sulfated Hyaluronan for Improved Repair of Vascularized Tissue Tune the Binding of Proteins and Promote Endothelial Cell Growth. <i>Macromolecular Bioscience</i> , <b>2017</b> , 17, 1700154	5.5	17
152	Intracoronary autologous bone marrow cell transfer after myocardial infarction: the BOOST-2 randomised placebo-controlled clinical trial. <i>European Heart Journal</i> , <b>2017</b> , 38, 2936-2943	9.5	64
151	Cryopreservation of primary human monocytes does not negatively affect their functionality or their ability to be labelled with radionuclides: basis for molecular imaging and cell therapy. <i>EJNMMI Research</i> , <b>2016</b> , 6, 77	3.6	5
150	Coronary Artery Calcium as an Independent Surrogate Marker in the Risk Assessment of Patients With Atrial Fibrillation and an Intermediate Pretest Likelihood for Coronary Artery Disease Admitted to a German Chest Pain Unit. <i>Clinical Cardiology</i> , <b>2016</b> , 39, 157-64	3.3	4
149	Randomized Control of Sympathetic Drive With Continuous Intravenous Esmolol in Patients With Acute ST-Segment Elevation Myocardial Infarction: The BETA-Blocker Therapy in Acute Myocardial Infarction (BEAT-AMI) Trial. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 231-240	5	28
148	Real-world experience with a novel biodegradable polymer sirolimus-eluting stent: twelve-month results of the BIOFLOW-III registry. <i>EuroIntervention</i> , <b>2016</b> , 11, 1106-10	3.1	33
147	Leptin-induced transphosphorylation of vascular endothelial growth factor receptor increases Notch and stimulates endothelial cell angiogenic transformation. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2016</b> , 79, 139-150	5.6	24
146	A Functional Role for VEGFR1 Expressed in Peripheral Sensory Neurons in Cancer Pain. <i>Cancer Cell</i> , <b>2015</b> , 27, 780-96	24.3	65
145	Monocyte dysfunction as a previously unrecognized pathophysiological mechanism in ApoE <sup>-/-</sup> mice contributing to impaired arteriogenesis. <i>International Journal of Cardiology</i> , <b>2015</b> , 190, 214-6	3.2	5
144	Long term outcome after mononuclear bone marrow or peripheral blood cells infusion after myocardial infarction. <i>Heart</i> , <b>2015</b> , 101, 363-8	5.1	12
143	Expression of Hedgehog signaling molecules in human atherosclerotic lesions: An autopsy study. <i>International Journal of Cardiology</i> , <b>2015</b> , 201, 462-4	3.2	4
142	Diabetes mellitus and female gender are the strongest predictors of poor collateral vessel development in patients with severe coronary artery stenosis. <i>Angiogenesis</i> , <b>2015</b> , 18, 201-7	10.6	31
141	Photochemical internalization augments tumor vascular cytotoxicity and specificity of VEGF(121)/rGel fusion toxin. <i>Journal of Controlled Release</i> , <b>2014</b> , 180, 1-9	11.7	21

140	Increased expression of cystatin C and transforming growth factor $\beta$ 1 in calcific aortic valves. <i>International Journal of Cardiology</i> , <b>2014</b> , 176, 1252-4	3.2	6
139	Clinical pacing post-conditioning during revascularization after AMI. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 620-6	8.4	14
138	Increased platelet reactivity is associated with circulating platelet-monocyte complexes and macrophages in human atherosclerotic plaques. <i>PLoS ONE</i> , <b>2014</b> , 9, e105019	3.7	5
137	Activity of daily living is associated with circulating CD34+/KDR+ cells and granulocyte colony-stimulating factor levels in patients after myocardial infarction. <i>Journal of Applied Physiology</i> , <b>2014</b> , 116, 532-7	3.7	6
136	Human cytomegalovirus infection impairs endothelial cell chemotaxis by disturbing VEGF signalling and actin polymerization. <i>Cardiovascular Research</i> , <b>2014</b> , 104, 315-25	9.9	9
135	Impact of copeptin on diagnosis, risk stratification, and intermediate-term prognosis of acute coronary syndromes. <i>Clinical Research in Cardiology</i> , <b>2013</b> , 102, 755-63	6.1	30
134	Circulating cells as predictors of secondary manifestations of cardiovascular disease: design of the CIRCULATING CELLS study. <i>Clinical Research in Cardiology</i> , <b>2013</b> , 102, 847-56	6.1	21
133	New prospects in the roles of the C-terminal domains of VEGF-A and their cooperation for ligand binding, cellular signaling and vessels formation. <i>Angiogenesis</i> , <b>2013</b> , 16, 353-71	10.6	44
132	Detection of coronary plaques using MR coronary vessel wall imaging: validation of findings with intravascular ultrasound. <i>European Radiology</i> , <b>2013</b> , 23, 115-24	8	19
131	CHADS(2) and CHA(2)DS (2)-VASc score of patients with atrial fibrillation or flutter and newly detected left atrial thrombus. <i>Clinical Research in Cardiology</i> , <b>2013</b> , 102, 139-44	6.1	29
130	Mechanistic basis for the potent anti-angiogenic activity of semaphorin 3F. <i>Biochemistry</i> , <b>2013</b> , 52, 7551-8	3.2	43
129	Prevalence of unknown atrial fibrillation in patients with risk factors. <i>Europace</i> , <b>2013</b> , 15, 657-62	3.9	45
128	Stabilization of atherosclerotic plaques: an update. <i>European Heart Journal</i> , <b>2013</b> , 34, 3251-8	9.5	77
127	Predictors and outcome of early-onset pneumonia after out-of-hospital cardiac arrest. <i>Respiratory Care</i> , <b>2013</b> , 58, 1514-20	2.1	20
126	Pacemaker lead infection and related bacteraemia caused by normal and small colony variant phenotypes of <i>Bacillus licheniformis</i> . <i>Journal of Medical Microbiology</i> , <b>2013</b> , 62, 940-944	3.2	14
125	The relationship between fractional flow reserve, platelet reactivity and platelet leukocyte complexes in stable coronary artery disease. <i>PLoS ONE</i> , <b>2013</b> , 8, e83198	3.7	4
124	VEGF Signaling in Normal and Tumor Angiogenesis <b>2013</b> , 1-36		
123	Ectopic thyroid mass in the heart. <i>Lancet, The</i> , <b>2012</b> , 379, 1762	40	7

122	Arrhythmogenic right ventricular cardiomyopathy: an update on pathophysiology, genetics, diagnosis, and risk stratification. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , <b>2012</b> , 23, 186-95	0.8	12
121	Reduced metal ion concentrations in atherosclerotic plaques from subjects with type 2 diabetes mellitus. <i>Atherosclerosis</i> , <b>2012</b> , 222, 512-8	3.1	9
120	Exercise delays neutrophil apoptosis by a G-CSF-dependent mechanism. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 1082-90	3.7	25
119	Electrocardiographic changes during therapeutic hypothermia. <i>Resuscitation</i> , <b>2012</b> , 83, 602-6	4	39
118	Evaluation of the electrocardiogram in identifying and quantifying lateral involvement in nonanterior wall infarction using cardiovascular magnetic resonance imaging. <i>Journal of Electrocardiology</i> , <b>2012</b> , 45, 478-84	1.4	10
117	A rare cause of fatal right ventricular cardiac decompensation. <i>Cardiovascular Pathology</i> , <b>2012</b> , 21, 515-83.8		1
116	Non-invasive ventilation in immunosuppressed patients with pneumonia and extrapulmonary sepsis. <i>Respiratory Medicine</i> , <b>2012</b> , 106, 1509-16	4.6	19
115	Monocyte function and trafficking in cardiovascular disease. <i>Thrombosis and Haemostasis</i> , <b>2012</b> , 108, 804-11	7	16
114	Therapeutische Hypothermie in der Intensivmedizin. <i>Intensivmedizin Up2date</i> , <b>2012</b> , 08, 157-165	0.1	2
113	Vascular potency of Sus scrofa bone marrow-derived mesenchymal stem cells: a progenitor source of medial but not endothelial cells. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 828-39	3.9	6
112	VEGF-A-induced chemotaxis of CD16+ monocytes is decreased secondary to lower VEGFR-1 expression. <i>Atherosclerosis</i> , <b>2011</b> , 215, 331-8	3.1	24
111	Strenuous physical exercise adversely affects monocyte chemotaxis. <i>Thrombosis and Haemostasis</i> , <b>2011</b> , 105, 122-30	7	13
110	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> , <b>2011</b> , 106, 1-19	7	110
109	The relationships between cardiovascular magnetic resonance imaging variables of acute myocardial infarction and both left ventricular dysfunction and immediate postreperfusion ST segment recovery. <i>Journal of Electrocardiology</i> , <b>2011</b> , 44, 561-7	1.4	3
108	G-CSF therapy reduces myocardial repolarization reserve in the presence of increased arteriogenesis, angiogenesis and connexin 43 expression in an experimental model of pacing-induced heart failure. <i>Basic Research in Cardiology</i> , <b>2011</b> , 106, 995-1008	11.8	8
107	Cytotoxicity of VEGF(121)/rGel on vascular endothelial cells resulting in inhibition of angiogenesis is mediated via VEGFR-2. <i>BMC Cancer</i> , <b>2011</b> , 11, 358	4.8	10
106	Intracoronary infusion of mononuclear cells from bone marrow or peripheral blood compared with standard therapy in patients after acute myocardial infarction treated by primary percutaneous coronary intervention: results of the randomized controlled HEBE trial. <i>European Heart Journal</i> , <b>2011</b> , 32, 1736-47	9.5	174
105	TGF- $\beta$ /ALK5-induced monocyte migration involves PI3K and p38 pathways and is not negatively affected by diabetes mellitus. <i>Cardiovascular Research</i> , <b>2011</b> , 91, 510-8	9.9	32

104	Final results of a phase IIa, randomised, open-label trial to evaluate the percutaneous intramyocardial transplantation of autologous skeletal myoblasts in congestive heart failure patients: the SEISMIC trial. <i>EuroIntervention</i> , <b>2011</b> , 6, 805-12	3.1	86
103	Visualization of coronary wall atherosclerosis in asymptomatic subjects and patients with coronary artery disease using magnetic resonance imaging. <i>PLoS ONE</i> , <b>2010</b> , 5, e12998	3.7	19
102	Feed-forward signaling by membrane-bound ligand receptor circuit: the case of NOTCH DELTA-like 4 ligand in endothelial cells. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 40681-9	5.4	42
101	Replacement and reactive myocardial fibrosis in idiopathic dilated cardiomyopathy: comparison of magnetic resonance imaging with right ventricular biopsy. <i>European Journal of Heart Failure</i> , <b>2010</b> , 12, 227-31	12.3	59
100	The soluble guanylyl cyclase inhibitor NS-2028 reduces vascular endothelial growth factor-induced angiogenesis and permeability. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2010</b> , 298, R824-32	3.2	27
99	A disintegrin and metalloprotease 10 is a novel mediator of vascular endothelial growth factor-induced endothelial cell function in angiogenesis and is associated with atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2010</b> , 30, 2188-95	9.4	75
98	Microvascular obstruction: underlying pathophysiology and clinical diagnosis. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 55, 1649-60	15.1	191
97	Intravenous immunoglobulin therapy for patients with idiopathic cardiomyopathy and endomyocardial biopsy-proven high PVB19 viral load. <i>Antiviral Therapy</i> , <b>2010</b> , 15, 193-201	1.6	71
96	Clinical implications of microvascular obstruction and intramyocardial haemorrhage in acute myocardial infarction using cardiovascular magnetic resonance imaging. <i>European Radiology</i> , <b>2010</b> , 20, 2572-8	8	44
95	Vitamin D receptor: a new risk marker for clinical restenosis after percutaneous coronary intervention. <i>Expert Opinion on Therapeutic Targets</i> , <b>2010</b> , 14, 243-51	6.4	18
94	Sonic hedgehog is a potent chemoattractant for human monocytes: diabetes mellitus inhibits Sonic hedgehog-induced monocyte chemotaxis. <i>Basic Research in Cardiology</i> , <b>2010</b> , 105, 61-71	11.8	35
93	Long-term protection and mechanism of pacing-induced postconditioning in the heart. <i>Basic Research in Cardiology</i> , <b>2010</b> , 105, 523-33	11.8	16
92	A European multicentre, randomised study of the MAR-Tyn cobalt chromium tin-coated stent in patients with de novo coronary artery lesions: study design and protocol. <i>EuroIntervention</i> , <b>2010</b> , 5, 976-980	3.1	10
91	Limits to growth of native collateral vessels: Just one mouse CLIC away from unlimited collateral perfusion?. <i>Circulation Research</i> , <b>2009</b> , 105, 9-11	15.7	
90	Diabetes mellitus activates signal transduction pathways resulting in vascular endothelial growth factor resistance of human monocytes. <i>Circulation</i> , <b>2009</b> , 120, 150-9	16.7	85
89	Cathepsin enzymes and cystatin C: do they play a role in positive arterial remodeling?. <i>Stroke</i> , <b>2009</b> , 40, e26-7; author reply e28	6.7	9
88	Detection and characteristics of microvascular obstruction in reperfused acute myocardial infarction using an optimized protocol for contrast-enhanced cardiovascular magnetic resonance imaging. <i>European Radiology</i> , <b>2009</b> , 19, 2904-12	8	48
87	Molecular and cellular mechanisms of aortic stenosis. <i>International Journal of Cardiology</i> , <b>2009</b> , 135, 4-13	3.2	103

86	Chemotaxis analysis of circulating monocytes in patients with a recent acute coronary syndrome. <i>Atherosclerosis</i> , <b>2009</b> , 204, 304-8	3.1	1
85	Re: Is varicocele associated with underlying venous abnormalities? Varicocele and the prostatic venous plexus: H. Sakamoto and Y. Ogawa <i>J Urol</i> 2008; 180: 1427-1431. <i>Journal of Urology</i> , <b>2009</b> , 181, 1963; author reply 1963-4	2.5	2
84	VEGF resistance as a molecular basis to explain the angiogenesis paradox in diabetes mellitus. <i>Biochemical Society Transactions</i> , <b>2009</b> , 37, 1167-70	5.1	73
83	Monocyte function rather than number is a prerequisite for the stimulation of collateral growth. <i>Atherosclerosis</i> , <b>2008</b> , 196, 485-486	3.1	3
82	Flt-1 signaling in macrophages promotes glioma growth in vivo. <i>Cancer Research</i> , <b>2008</b> , 68, 7342-51	10.1	139
81	Accumulation of zinc in human atherosclerotic lesions correlates with calcium levels but does not protect against protein oxidation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 1024-30	9.4	26
80	Vascular endothelial growth factor protein levels and gene expression in peripheral monocytes after stenting: a randomized comparative study of sirolimus-eluting and bare-metal stents. <i>European Heart Journal</i> , <b>2008</b> , 29, 1924-5; author reply 1925	9.5	3
79	Impaired collateral recruitment and outward remodeling in experimental diabetes. <i>Diabetes</i> , <b>2008</b> , 57, 2818-23	0.9	48
78	The molecular basis of VEGFR-1 signal transduction pathways in primary human monocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 322-8	9.4	84
77	Enhanced functional response of CD133+ circulating progenitor cells in patients early after acute myocardial infarction. <i>European Heart Journal</i> , <b>2008</b> , 29, 241-50	9.5	23
76	Intracoronary infusion of autologous mononuclear bone marrow cells in patients with acute myocardial infarction treated with primary PCI: Pilot study of the multicenter HEBE trial. <i>Catheterization and Cardiovascular Interventions</i> , <b>2008</b> , 71, 273-81	2.7	34
75	Noninvasive diagnosis of ruptured peripheral atherosclerotic lesions and myocardial infarction by antibody profiling. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 2979-85	15.9	13
74	Newly identified biologically active and proteolysis-resistant VEGF-A isoform VEGF111 is induced by genotoxic agents. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, i2-i2	16.6	
73	The influence of established genetic variation in the haemostatic system on clinical restenosis after percutaneous coronary interventions. <i>Thrombosis and Haemostasis</i> , <b>2007</b> , 98, 1323-1328	7	8
72	Stress testing at the cellular and molecular level to unravel cellular dysfunction and growth factor signal transduction defects: What Molecular Cell Biology can learn from Cardiology. <i>Thrombosis and Haemostasis</i> , <b>2007</b> , 98, 975-979	7	10
71	Elective high-risk percutaneous coronary interventions supported by extracorporeal life support. <i>American Journal of Cardiology</i> , <b>2007</b> , 99, 771-3	3	12
70	High-dose atorvastatin is associated with impaired myocardial angiogenesis in response to vascular endothelial growth factor in hypercholesterolemic swine: relevance to the human situation?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2007</b> , 133, 1685-6; author reply 1686-7	1.5	1
69	Novel insights into an old controversy: is coronary artery ectasia a variant of coronary atherosclerosis?. <i>Clinical Research in Cardiology</i> , <b>2007</b> , 96, 331-9	6.1	68



68	Small is beautiful: a miniature stent model. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 701-2	9.4	1
67	The BTB-Kelch protein KLEIP controls endothelial migration and sprouting angiogenesis. <i>Circulation Research</i> , <b>2007</b> , 100, 1155-63	15.7	25
66	Smoking-induced monocyte dysfunction is reversed by vitamin C supplementation in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 120-6	9.4	35
65	Newly identified biologically active and proteolysis-resistant VEGF-A isoform VEGF111 is induced by genotoxic agents. <i>Journal of Cell Biology</i> , <b>2007</b> , 179, 1261-73	7.3	71
64	Monocyte function is severely impaired by the fluorochrome calcein acetomethylester. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 361, 410-3	3.4	3
63	The Contact Activation Coagulation Pathway Is Involved in (Recurrent) Coronary Disease.. <i>Blood</i> , <b>2007</b> , 110, 129-129	2.2	
62	Angiogenesis and Arteriogenesis in Diabetes Mellitus: Signal Transduction Defects as the Molecular Basis of Vascular Cell Dysfunction <b>2007</b> , 33-73		1
61	Stress testing at the cellular and molecular level to unravel cellular dysfunction and growth factor signal transduction defects: what Molecular Cell Biology can learn from Cardiology. <i>Thrombosis and Haemostasis</i> , <b>2007</b> , 98, 975-9	7	3
60	ACE inhibitors and statins for bone marrow failure following myocardial infarction?. <i>Cardiovascular Research</i> , <b>2006</b> , 70, 1-2	9.9	1
59	Transfection of the DNA for the receptor KDR/flk-1 attenuates neointimal proliferation and luminal narrowing in a coronary stent angioplasty model. <i>Journal of Surgical Research</i> , <b>2006</b> , 136, 120-4	2.5	6
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