

# Johannes Waltenberger

## List of Publications by Citations

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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	Inhibition of VEGF receptors causes lung cell apoptosis and emphysema. <i>Journal of Clinical Investigation</i> , <b>2000</b> , 106, 1311-9	15.9	831
192	The vascular endothelial growth factor receptor Flt-1 mediates biological activities. Implications for a functional role of placenta growth factor in monocyte activation and chemotaxis. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 17629-34	5.4	635
191	Role of PlGF in the intra- and intermolecular cross talk between the VEGF receptors Flt1 and Flk1. <i>Nature Medicine</i> , <b>2003</b> , 9, 936-43	50.5	631
190	Inhibition of the VEGF receptor 2 combined with chronic hypoxia causes cell death-dependent pulmonary endothelial cell proliferation and severe pulmonary hypertension. <i>FASEB Journal</i> , <b>2001</b> , 15, 427-38	0.9	615
189	The vascular endothelial growth factor receptor KDR activates multiple signal transduction pathways in porcine aortic endothelial cells. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 32521-7	5.4	336
188	Reactive oxygen species as downstream mediators of angiogenic signaling by vascular endothelial growth factor receptor-2/KDR. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 3101-8	5.4	298
187	VEGF-A induces expression of eNOS and iNOS in endothelial cells via VEGF receptor-2 (KDR). <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 252, 743-6	3.4	287
186	Consensus guidelines for the use and interpretation of angiogenesis assays. <i>Angiogenesis</i> , <b>2018</b> , 21, 425-538	5.3	285
185	Vascular endothelial growth factor (VEGF)-driven actin-based motility is mediated by VEGFR2 and requires concerted activation of stress-activated protein kinase 2 (SAPK2/p38) and geldanamycin-sensitive phosphorylation of focal adhesion kinase. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 10111-7	5.4	241
184	Sphingosylphosphorylcholine regulates keratin network architecture and visco-elastic properties of human cancer cells. <i>Nature Cell Biology</i> , <b>2003</b> , 5, 803-11	23.4	216
183	Vascular endothelial growth factor-A-induced chemotaxis of monocytes is attenuated in patients with diabetes mellitus: A potential predictor for the individual capacity to develop collaterals. <i>Circulation</i> , <b>2000</b> , 102, 185-90	16.7	215
182	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
181	Functional upregulation of the vascular endothelial growth factor receptor KDR by hypoxia. <i>Circulation</i> , <b>1996</b> , 94, 1647-54	16.7	184
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	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, 1731-47	9.5	174
178	Platelet-derived endothelial cell growth factor has thymidine phosphorylase activity. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 184, 1311-6	3.4	173
177	VEGF-A and PlGF-1 stimulate chemotactic migration of human mesenchymal progenitor cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 334, 561-8	3.4	165

176	PDGF-receptor tyrosine kinase blocker AG1295 selectively attenuates smooth muscle cell growth in vitro and reduces neointimal formation after balloon angioplasty in swine. <i>Circulation</i> , <b>1998</b> , 97, 1960-9	16.7	159
175	Flt-1 signaling in macrophages promotes glioma growth in vivo. <i>Cancer Research</i> , <b>2008</b> , 68, 7342-51	10.1	139
174	Modulation of growth factor action: implications for the treatment of cardiovascular diseases. <i>Circulation</i> , <b>1997</b> , 96, 4083-94	16.7	130
173	In vitro and in vivo studies of a VEGF121/rGelonin chimeric fusion toxin targeting the neovasculature of solid tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 7866-71	11.5	126
172	VEGF receptor signaling and endothelial function. <i>IUBMB Life</i> , <b>2001</b> , 52, 61-6	4.7	121
171	Differential binding characteristics and cellular inhibition by soluble VEGF receptors 1 and 2. <i>Experimental Cell Research</i> , <b>1998</b> , 241, 161-70	4.2	118
170	Endothelial progenitor cell culture and differentiation in vitro: a methodological comparison using human umbilical cord blood. <i>Cardiovascular Research</i> , <b>2003</b> , 58, 478-86	9.9	113
169	A novel function of VEGF receptor-2 (KDR): rapid release of nitric oxide in response to VEGF-A stimulation in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 265, 636-9	3.4	113
168	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
167	Autocrine vascular endothelial growth factor signalling in breast cancer. Evidence from cell lines and primary breast cancer cultures in vitro. <i>Angiogenesis</i> , <b>2005</b> , 8, 197-204	10.6	107
166	A dual inhibitor of platelet-derived growth factor beta-receptor and Src kinase activity potently interferes with motogenic and mitogenic responses to PDGF in vascular smooth muscle cells. A novel candidate for prevention of vascular remodeling. <i>Circulation Research</i> , <b>1999</b> , 85, 12-22	15.7	106
165	Molecular and cellular mechanisms of aortic stenosis. <i>International Journal of Cardiology</i> , <b>2009</b> , 135, 4-13	3.2	103
164	Neuropilin-1 regulates vascular endothelial growth factor-mediated endothelial permeability. <i>Circulation Research</i> , <b>2005</b> , 96, 1257-65	15.7	102
163	Increased expression of TGF-beta1 and IGF-I in inflammatory stenotic lesions of hemodialysis fistulas. <i>Kidney International</i> , <b>2002</b> , 61, 1011-9	9.9	90
162	Essential role of calcium in vascular endothelial growth factor A-induced signaling: mechanism of the antiangiogenic effect of carboxyamidotriazole. <i>FASEB Journal</i> , <b>2002</b> , 16, 1805-7	0.9	88
161	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
160	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
159	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

158	Elevation of vascular endothelial growth factor-A serum levels following acute myocardial infarction. Evidence for its origin and functional significance. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2000</b> , 32, 65-72	5.8	82
157	Expression of protein tyrosine kinases in islet cells: possible role of the Flk-1 receptor for beta-cell maturation from duct cells. <i>Growth Factors</i> , <b>1994</b> , 10, 115-26	1.6	80
156	Stabilization of atherosclerotic plaques: an update. <i>European Heart Journal</i> , <b>2013</b> , 34, 3251-8	9.5	77
155	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
154	Characterization of indolinones which preferentially inhibit VEGF-C- and VEGF-D-induced activation of VEGFR-3 rather than VEGFR-2. <i>FEBS Journal</i> , <b>2001</b> , 268, 5530-40		75
153	Molecular mediators of tumor angiogenesis: enhanced expression and activation of vascular endothelial growth factor receptor KDR in primary breast cancer. <i>International Journal of Cancer</i> , <b>1999</b> , 84, 293-8	7.5	75
152	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
151	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
150	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
149	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
148	Tumor necrosis factor-alpha plays an important role in restenosis development. <i>FASEB Journal</i> , <b>2005</b> , 19, 1998-2004	0.9	67
147	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
146	Divergent effects of quercetin conjugates on angiogenesis. <i>British Journal of Nutrition</i> , <b>2006</b> , 95, 1016-23.6		65
145	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
144	Simulated hypogravity impairs the angiogenic response of endothelium by up-regulating apoptotic signals. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 334, 491-9	3.4	61
143	p38 MAPK inhibition is critically involved in VEGFR-2-mediated endothelial cell survival. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 306, 730-6	3.4	60
142	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
141	Genetic inflammatory factors predict restenosis after percutaneous coronary interventions. <i>Circulation</i> , <b>2005</b> , 112, 2417-25	16.7	59

140	Systemic depletion of macrophages by liposomal bisphosphonates reduces neointimal formation following balloon-injury in the rat carotid artery. <i>Journal of Cardiovascular Pharmacology</i> , <b>2003</b> , 42, 671-9 <sup>3.1</sup>		58
139	Local delivery of platelet-derived growth factor receptor-specific tyrphostin inhibits neointimal formation in rats. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2000</b> , 20, 667-76	9.4	56
138	Selective pressure-regulated retroinfusion of fibroblast growth factor-2 into the coronary vein enhances regional myocardial blood flow and function in pigs with chronic myocardial ischemia. <i>Journal of the American College of Cardiology</i> , <b>2003</b> , 42, 1120-8	15.1	55
137	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, 29-42	9.9	53
136	Tricyclic quinoxalines as potent kinase inhibitors of PDGFR kinase, Flt3 and Kit. <i>Bioorganic and Medicinal Chemistry</i> , <b>2003</b> , 11, 2007-18	3.4	52
135	MAZ51, an indolinone that inhibits endothelial cell and tumor cell growth in vitro, suppresses tumor growth in vivo. <i>International Journal of Cancer</i> , <b>2004</b> , 112, 986-93	7.5	50
134	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
133	Impaired collateral recruitment and outward remodeling in experimental diabetes. <i>Diabetes</i> , <b>2008</b> , 57, 2818-23	0.9	48
132	Chemically sulfated Escherichia coli K5 polysaccharide derivatives as extracellular HIV-1 Tat protein antagonists. <i>FEBS Letters</i> , <b>2004</b> , 568, 171-7	3.8	47
131	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
130	Prevalence of unknown atrial fibrillation in patients with risk factors. <i>Europace</i> , <b>2013</b> , 15, 657-62	3.9	45
129	Current PTCA practice and clinical outcomes in The Netherlands: the real world in the pre-drug-eluting stent era. <i>European Heart Journal</i> , <b>2004</b> , 25, 1163-70	9.5	45
128	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
127	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
126	Coordinated activation of VEGFR-1 and VEGFR-2 is a potent arteriogenic stimulus leading to enhancement of regional perfusion. <i>Cardiovascular Research</i> , <b>2004</b> , 61, 789-95	9.9	44
125	Mechanistic basis for the potent anti-angiogenic activity of semaphorin 3F. <i>Biochemistry</i> , <b>2013</b> , 52, 7551-3 <sup>2</sup>		43
124	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
123	Anti-VEGFR-2 scFvs for cell isolation. Single-chain antibodies recognizing the human vascular endothelial growth factor receptor-2 (VEGFR-2/flk-1) on the surface of primary endothelial cells and preselected CD34+ cells from cord blood. <i>Stem Cells</i> , <b>2001</b> , 19, 24-36	5.8	40

122	Electrocardiographic changes during therapeutic hypothermia. <i>Resuscitation</i> , <b>2012</b> , 83, 602-6	4	39
121	Integrin alphavbeta3 as a target for blocking HIV-1 Tat-induced endothelial cell activation in vitro and angiogenesis in vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 2315-20	9.4	38
120	Ischemia-induced transplant arteriosclerosis in the rat. Induction of peptide growth factor expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1996</b> , 16, 1516-23	9.4	37
119	HCMV infection of human vascular smooth muscle cells leads to enhanced expression of functionally intact PDGF beta-receptor. <i>Cardiovascular Research</i> , <b>2005</b> , 67, 151-60	9.9	36
118	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
117	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
116	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
115	Intimal hyperplasia and expression of transforming growth factor-beta1 in saphenous veins and internal mammary arteries before coronary artery surgery. <i>Annals of Thoracic Surgery</i> , <b>2004</b> , 78, 1312-8	2.7	33
114	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
113	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
112	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
111	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
110	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
109	Restenosis after percutaneous coronary intervention is associated with the angiotensin-II type-1 receptor 1166A/C polymorphism but not with polymorphisms of angiotensin-converting enzyme, angiotensin-II receptor, angiotensinogen or heme oxygenase-1. <i>Pharmacogenetics and Genomics</i> , <b>2008</b> , 16, 331-7	1.9	30
108	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
107	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
106	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
105	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

104	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
103	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
102	The BTB-Kelch protein KLEIP controls endothelial migration and sprouting angiogenesis. <i>Circulation Research</i> , <b>2007</b> , 100, 1155-63	15.7	25
101	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
100	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
99	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
98	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
97	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
96	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
95	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
94	Impact of Selection Bias on Estimation of Subsequent Event Risk. <i>Circulation: Cardiovascular Genetics</i> , <b>2017</b> , 10,		19
93	Molecular and cellular insights into the pathogenesis of coronary artery ectasia. <i>Cardiovascular Pathology</i> , <b>2018</b> , 35, 37-47	3.8	19
92	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
91	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
90	Non-invasive ventilation in immunosuppressed patients with pneumonia and extrapulmonary sepsis. <i>Respiratory Medicine</i> , <b>2012</b> , 106, 1509-16	4.6	19
89	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
88	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
87	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

86	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
85	Signalling properties of an HIV-encoded angiogenic peptide mimicking vascular endothelial growth factor activity. <i>Biochemical Journal</i> , <b>2001</b> , 353, 569-78	3.8	17
84	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
83	Monocyte function and trafficking in cardiovascular disease. <i>Thrombosis and Haemostasis</i> , <b>2012</b> , 108, 804-11	7	16
82	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
81	OxLDL-mediated immunologic memory in endothelial cells. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2020</b> , 146, 121-132	5.8	16
80	Hh signaling in regeneration of the ischemic heart. <i>Cellular and Molecular Life Sciences</i> , <b>2017</b> , 74, 3481-3493	10.3	15
79	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
78	Clinical pacing post-conditioning during revascularization after AMI. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 620-6	8.4	14
77	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
76	-455G/A polymorphism and preprocedural plasma levels of fibrinogen show no association with the risk of clinical restenosis in patients with coronary stent placement. <i>Thrombosis and Haemostasis</i> , <b>2005</b> , 93, 564-9	7	14
75	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
74	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
73	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
72	Strenuous physical exercise adversely affects monocyte chemotaxis. <i>Thrombosis and Haemostasis</i> , <b>2011</b> , 105, 122-30	7	13
71	Platelet-derived endothelial cell growth factor. Pharmacokinetics, organ distribution and degradation after intravenous administration in rats. <i>FEBS Letters</i> , <b>1992</b> , 313, 129-32	3.8	13
70	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
69	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



68	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
67	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
66	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
65	Growth factor signal transduction defects in the cardiovascular system. <i>Cardiovascular Research</i> , <b>2005</b> , 65, 574-80	9.9	12
64	Inflammation and apoptosis genes and the risk of restenosis after percutaneous coronary intervention. <i>Pharmacogenetics and Genomics</i> , <b>2006</b> , 16, 747-54	1.9	11
63	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
62	Ecchymosis: A novel sign in patients with varicose veins. <i>Clinical Hemorheology and Microcirculation</i> , <b>2018</b> , 68, 413-419	2.5	10
61	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
60	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
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