

# Hans W M Niessen

## 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.

210  
papers

9,422  
citations

45  
h-index

92  
g-index

216  
ext. papers

10,930  
ext. citations

5.6  
avg, IF

5.52  
L-index

#	Paper	IF	Citations
210	The presence of cardiotropic viral genomes is not increased in atrial tissue of atrial fibrillation patients.. <i>Netherlands Heart Journal</i> , <b>2022</b> , 1	2.2	
209	Scar formation from the perspective of complexity science: a new look at the biological system as a whole.. <i>Journal of Wound Care</i> , <b>2022</b> , 31, 178-184	2.2	1
208	Liraglutide treatment attenuates inflammation markers in the cardiac, cerebral and renal microvasculature in streptozotocin-induced diabetic rats.. <i>European Journal of Clinical Investigation</i> , <b>2022</b> , e13807	4.6	0
207	C1 Inhibitor Administration Reduces Local Inflammation and Capillary Leakage, Without Affecting Long-term Wound Healing Parameters, in a Pig Burn Wound Model. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , <b>2021</b> , 20, 150-160	2	1
206	Genetic Diagnosis in Sudden Cardiac Death: The Crucial Role of Multidisciplinary Care. <i>Neurology International</i> , <b>2021</b> , 11, 68-72	0	
205	Hypoxia-inducible factors individually facilitate inflammatory myeloid metabolism and inefficient cardiac repair. <i>Journal of Experimental Medicine</i> , <b>2021</b> , 218,	16.6	4
204	Electrocardiographic changes are strongly correlated with the extent of cardiac inflammation in mice with Coxsackievirus B3-induced viral myocarditis. <i>Cardiovascular Pathology</i> , <b>2021</b> , 54, 107367	3.8	1
203	Sex-specific cardiac remodeling in early and advanced stages of hypertrophic cardiomyopathy. <i>PLoS ONE</i> , <b>2020</b> , 15, e0232427	3.7	9
202	Atrial inflammation in different atrial fibrillation subtypes and its relation with clinical risk factors. <i>Clinical Research in Cardiology</i> , <b>2020</b> , 109, 1271-1281	6.1	6
201	Viral presence and immunopathology in patients with lethal COVID-19: a prospective autopsy cohort study. <i>Lancet Microbe, The</i> , <b>2020</b> , 1, e290-e299	22.2	245
200	NOX2 Expression Is Increased in Keratinocytes After Burn Injury. <i>Journal of Burn Care and Research</i> , <b>2020</b> , 41, 427-432	0.8	1
199	Divergent chemokine receptor expression and the consequence for human IgG4 B cell responses. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 1113-1125	6.1	7
198	Sex-specific cardiac remodeling in early and advanced stages of hypertrophic cardiomyopathy <b>2020</b> , 15, e0232427		
197	Sex-specific cardiac remodeling in early and advanced stages of hypertrophic cardiomyopathy <b>2020</b> , 15, e0232427		
196	Sex-specific cardiac remodeling in early and advanced stages of hypertrophic cardiomyopathy <b>2020</b> , 15, e0232427		
195	Sex-specific cardiac remodeling in early and advanced stages of hypertrophic cardiomyopathy <b>2020</b> , 15, e0232427		
194	Hemangioma of the Atherosclerotic Changed Aortic Valve. <i>Case Reports in Cardiology</i> , <b>2019</b> , 2019, 7916298		

193	Depletion of activated macrophages with a folate receptor-beta-specific antibody improves symptoms in mouse models of rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , <b>2019</b> , 21, 143	5.7	20
192	Short-term LPS induces aortic valve thickening in ApoE*3Leiden mice. <i>European Journal of Clinical Investigation</i> , <b>2019</b> , 49, e13121	4.6	3
191	Fatal neonatal hypertrophic cardiomyopathy caused by compound heterozygous truncating MYBPC3 mutation. <i>Netherlands Heart Journal</i> , <b>2019</b> , 27, 282-283	2.2	3
190	Pulmonary complement depositions in autopsy of critically ill patients have no relation with ARDS. <i>Intensive Care Medicine Experimental</i> , <b>2019</b> , 7, 35	3.7	3
189	Homocysteine-induced inverse expression of tissue factor and DPP4 in endothelial cells is related to NADPH oxidase activity. <i>Physiology International</i> , <b>2019</b> , 106, 29-38	1.5	2
188	Pathogenic effect of a TGFBR1 mutation in a family with Loays-Dietz syndrome. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2019</b> , 7, e00943	2.3	1
187	Myocardial infarction triggers cardioprotective antigen-specific T helper cell responses. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 4922-4936	15.9	49
186	Noncanonical NF- $\kappa$ B signaling in microvessels of atherosclerotic lesions is associated with inflammation, atheromatous plaque morphology and myocardial infarction. <i>Atherosclerosis</i> , <b>2018</b> , 270, 33-41	3.1	19
185	Infectious myocarditis: the role of the cardiac vasculature. <i>Heart Failure Reviews</i> , <b>2018</b> , 23, 583-595	5	17
184	LPS-Induced Systemic Inflammation Does Not Alter Atherosclerotic Plaque Area or Inflammation in APOE3*LEIDEN Mice in the Early Phase Up to 15 Days. <i>Shock</i> , <b>2018</b> , 50, 360-365	3.4	6
183	Insulin Receptor Substrate 2 Controls Insulin-Mediated Vasoreactivity and Perivascular Adipose Tissue Function in Muscle. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 245	4.6	4
182	p47phox-Dependent Reactive Oxygen Species Stimulate Nuclear Translocation of the FoxO1 Transcription Factor During Metabolic Inhibition in Cardiomyoblasts. <i>Cell Biochemistry and Biophysics</i> , <b>2018</b> , 76, 401-410	3.2	5
181	StemBell therapy stabilizes atherosclerotic plaques after myocardial infarction. <i>Cytotherapy</i> , <b>2018</b> , 20, 1143-1154	4.8	5
180	Elevated monocyte-specific type I interferon signalling correlates positively with cardiac healing in myocardial infarct patients but interferon alpha application deteriorates myocardial healing in rats. <i>Basic Research in Cardiology</i> , <b>2018</b> , 114, 1	11.8	33
179	Sufentanil-medetomidine anaesthesia compared with fentanyl/fluanisone-midazolam is associated with fewer ventricular arrhythmias and death during experimental myocardial infarction in rats and limits infarct size following reperfusion. <i>Laboratory Animals</i> , <b>2018</b> , 52, 271-279	2.6	5
178	An in vitro method to keep human aortic tissue sections functionally and structurally intact. <i>Scientific Reports</i> , <b>2018</b> , 8, 8094	4.9	4
177	Sex Differences at the Time of Myectomy in Hypertrophic Cardiomyopathy. <i>Circulation: Heart Failure</i> , <b>2018</b> , 11, e004133	7.6	34
176	Autopsy after transcatheter aortic valve implantation. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2017</b> , 470, 331-339	5.1	16

175	Lymphocytic myocarditis occurs with myocardial infarction and coincides with increased inflammation, hemorrhage and instability in coronary artery atherosclerotic plaques. <i>International Journal of Cardiology</i> , <b>2017</b> , 232, 53-62	3.2	10
174	The role of complement in the acute phase response after burns. <i>Burns</i> , <b>2017</b> , 43, 1390-1399	2.3	21
173	Reply to the letter to the editor "Is colchicine really harmful in viral myocarditis?". <i>International Journal of Cardiology</i> , <b>2017</b> , 229, 43	3.2	
172	Investigating histological aspects of scars in children. <i>Journal of Wound Care</i> , <b>2017</b> , 26, 256-265	2.2	7
171	The Local and Systemic Inflammatory Response in a Pig Burn Wound Model With a Pivotal Role for Complement. <i>Journal of Burn Care and Research</i> , <b>2017</b> , 38, e796-e806	0.8	13
170	Pulmonary endarterectomy for calcified amorphous tumour-related pulmonary hypertension. <i>Thorax</i> , <b>2017</b> , 72, 584-585	7.3	1
169	Arterial Blood Pressure Induces Transient C4b-Binding Protein in Human Saphenous Vein Grafts. <i>Annals of Vascular Surgery</i> , <b>2017</b> , 41, 259-264	1.7	2
168	PX-18 Protects Human Saphenous Vein Endothelial Cells under Arterial Blood Pressure. <i>Annals of Vascular Surgery</i> , <b>2017</b> , 42, 293-298	1.7	
167	CD45 is a more sensitive marker than CD3 to diagnose lymphocytic myocarditis in the endomyocardium. <i>Human Pathology</i> , <b>2017</b> , 62, 83-90	3.7	8
166	Cancer drug addiction is relayed by an ERK2-dependent phenotype switch. <i>Nature</i> , <b>2017</b> , 550, 270-274	50.4	86
165	Neutrophil extracellular traps coincide with a pro-coagulant status of microcirculatory endothelium in burn wounds. <i>Wound Repair and Regeneration</i> , <b>2017</b> , 25, 609-617	3.6	17
164	Stasis Promotes Erythrocyte Adhesion to von Willebrand Factor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 1618-1627	9.4	27
163	On the value of therapeutic interventions targeting the complement system in acute myocardial infarction. <i>Translational Research</i> , <b>2017</b> , 182, 103-122	11	11
162	Inflammatory cell content of coronary thrombi is dependent on thrombus age in patients with ST-elevation myocardial infarction. <i>Journal of Cardiology</i> , <b>2017</b> , 69, 394-400	3	17
161	Mast cells are increased in the media of coronary lesions in patients with myocardial infarction and may favor atherosclerotic plaque instability. <i>Journal of Cardiology</i> , <b>2017</b> , 69, 548-554	3	6
160	A comparison in therapeutic efficacy of several time points of intravenous StemBell administration in a rat model of acute myocardial infarction. <i>Cytotherapy</i> , <b>2017</b> , 19, 131-140	4.8	5
159	Orthopedic surgery increases atherosclerotic lesions and necrotic core area in ApoE <sup>-/-</sup> mice. <i>Atherosclerosis</i> , <b>2016</b> , 255, 164-170	3.1	10
158	Development of a new therapeutic technique to direct stem cells to the infarcted heart using targeted microbubbles: StemBells. <i>Stem Cell Research</i> , <b>2016</b> , 17, 6-15	1.6	17

157	Activation of extracellular signal-related kinase in abdominal aortic aneurysm. <i>European Journal of Clinical Investigation</i> , <b>2016</b> , 46, 440-7	4.6	5
156	Myocarditis in patients with subarachnoid hemorrhage: A histopathologic study. <i>Journal of Critical Care</i> , <b>2016</b> , 32, 196-200	4	18
155	Ventricular myocarditis coincides with atrial myocarditis in patients. <i>Cardiovascular Pathology</i> , <b>2016</b> , 25, 141-8	3.8	23
154	Comparing inflammatory cell density in the myocardium and coronary arteries in rheumatoid arthritis patients versus controls with myocardial infarction: A post-mortem case-control study. <i>International Journal of Cardiology</i> , <b>2016</b> , 209, 74-6	3.2	3
153	Endogenous C1-inhibitor production and expression in the heart after acute myocardial infarction. <i>Cardiovascular Pathology</i> , <b>2016</b> , 25, 33-9	3.8	10
152	Myocardial Microvascular Inflammatory Endothelial Activation in Heart Failure With Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , <b>2016</b> , 4, 312-24	7.9	262
151	Multifactorial resistance to aminopeptidase inhibitor prodrug CHR2863 in myeloid leukemia cells: down-regulation of carboxylesterase 1, drug sequestration in lipid droplets and pro-survival activation ERK/Akt/mTOR. <i>Oncotarget</i> , <b>2016</b> , 7, 5240-57	3.3	16
150	Dissecting the Effects of Ischemia and Reperfusion on the Coronary Microcirculation in a Rat Model of Acute Myocardial Infarction. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157233	3.7	23
149	Mitochondrial complex I dysfunction and altered NAD(P)H kinetics in rat myocardium in cardiac right ventricular hypertrophy and failure. <i>Cardiovascular Research</i> , <b>2016</b> , 111, 362-72	9.9	33
148	Prevention of age-induced N <sup>ε</sup> (carboxymethyl)lysine accumulation in the microvasculature. <i>European Journal of Clinical Investigation</i> , <b>2016</b> , 46, 334-41	4.6	1
147	Dopamine induces lipid accumulation, NADPH oxidase-related oxidative stress, and a proinflammatory status of the plasma membrane in H9c2 cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2016</b> , 311, H1097-H1107	5.2	7
146	Myocardial infarction induces atrial inflammation that can be prevented by C1-esterase inhibitor. <i>Journal of Clinical Pathology</i> , <b>2016</b> , 69, 1093-1099	3.9	6
145	Colchicine aggravates coxsackievirus B3 infection in mice. <i>International Journal of Cardiology</i> , <b>2016</b> , 216, 58-65	3.2	18
144	Cathepsin A-related arteriopathy with strokes and leukoencephalopathy (CARASAL). <i>Neurology</i> , <b>2016</b> , 87, 1777-1786	6.5	56
143	Acute myocardial infarction does not affect functional characteristics of adipose-derived stem cells in rats, but reduces the number of stem cells in adipose tissue. <i>Cell and Tissue Research</i> , <b>2015</b> , 362, 623-32	4.2	4
142	Atrial fibrillation coincides with the advanced glycation end product N <sup>ε</sup> (carboxymethyl)lysine in the atrium. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 2096-104	5.8	17
141	T1-mapping in a case of acute biopsy-proven myocarditis with an apparently normal CMR: Rimes are a-changing? <i>European Heart Journal</i> , <b>2015</b> , 36, 3471	9.5	1
140	Diagnosis of myocarditis: Current state and future perspectives. <i>International Journal of Cardiology</i> , <b>2015</b> , 191, 211-9	3.2	57

139	Diaphragm muscle fiber weakness and ubiquitin-proteasome activation in critically ill patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 191, 1126-38	10.2	116
138	Insulin-induced changes in skeletal muscle microvascular perfusion are dependent upon perivascular adipose tissue in women. <i>Diabetologia</i> , <b>2015</b> , 58, 1907-15	10.3	32
137	Human bone marrow- and adipose-mesenchymal stem cells secrete exosomes enriched in distinctive miRNA and tRNA species. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 127	8.3	430
136	Analysis of inflammatory cells and mediators in skin wound biopsies to determine wound age in living subjects in forensic medicine. <i>Forensic Science International</i> , <b>2015</b> , 247, 7-13	2.6	14
135	Pharmacodynamic monitoring of (immuno)proteasome inhibition during bortezomib treatment of a critically ill patient with lupus nephritis and myocarditis. <i>Lupus Science and Medicine</i> , <b>2015</b> , 2, e000121	4.6	7
134	Left ventricular outflow tract gradient is associated with reduced capillary density in hypertrophic cardiomyopathy irrespective of genotype. <i>European Journal of Clinical Investigation</i> , <b>2015</b> , 45, 1252-9	4.6	15
133	Modulators of Macrophage Polarization Influence Healing of the Infarcted Myocardium. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 29583-91	6.3	36
132	Nutrition before and during Surgery and the Inflammatory Response of the Heart: A Randomized Controlled Trial. <i>Journal of Nutrition and Metabolism</i> , <b>2015</b> , 2015, 123158	2.7	3
131	Analysis of morphological characteristics and expression levels of extracellular matrix proteins in skin wounds to determine wound age in living subjects in forensic medicine. <i>Forensic Science International</i> , <b>2015</b> , 246, 86-91	2.6	6
130	C4b-Binding Protein Deposition is Induced in Diseased Aortic Heart Valves, Coinciding with C3d. <i>Journal of Heart Valve Disease</i> , <b>2015</b> , 24, 451-6		2
129	Therapeutic application of adipose derived stem cells in acute myocardial infarction: lessons from animal models. <i>Stem Cell Reviews and Reports</i> , <b>2014</b> , 10, 389-98	6.4	19
128	Wistar rats from different suppliers have a different response in an acute myocardial infarction model. <i>Research in Veterinary Science</i> , <b>2014</b> , 96, 377-9	2.5	8
127	Total burden of intraplaque hemorrhage in coronary arteries relates to the use of coumarin-type anticoagulants but not platelet aggregation inhibitors. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2014</b> , 465, 723-9	5.1	14
126	Ablation of colorectal liver metastases by irreversible electroporation: results of the COLDFIRE-I ablate-and-resect study. <i>European Radiology</i> , <b>2014</b> , 24, 2467-75	8	62
125	A new method to determine wound age in early vital skin injuries: a probability scoring system using expression levels of Fibronectin, CD62p and Factor VIII in wound hemorrhage. <i>Forensic Science International</i> , <b>2014</b> , 244, 128-35	2.6	14
124	Monocyte subset accumulation in the human heart following acute myocardial infarction and the role of the spleen as monocyte reservoir. <i>European Heart Journal</i> , <b>2014</b> , 35, 376-85	9.5	152
123	The value of autopsies in the era of high-tech medicine: discrepant findings persist. <i>Journal of Clinical Pathology</i> , <b>2014</b> , 67, 512-9	3.9	59
122	Lymphocytes infiltrate the quadriceps muscle in lymphocytic myocarditis patients: a potential new diagnostic tool. <i>Canadian Journal of Cardiology</i> , <b>2014</b> , 30, 1547-54	3.8	4

121	Evaluating the efficacy of subcutaneous C1-esterase inhibitor administration for use in rat models of inflammatory diseases. <i>Drug Delivery</i> , <b>2014</b> , 21, 302-6	7	2
120	Early NADPH oxidase-2 activation is crucial in phenylephrine-induced hypertrophy of H9c2 cells. <i>Cellular Signalling</i> , <b>2014</b> , 26, 1818-24	4.9	16
119	The methylglyoxal-derived AGE tetrahydropyrimidine is increased in plasma of individuals with type 1 diabetes mellitus and in atherosclerotic lesions and is associated with sVCAM-1. <i>Diabetologia</i> , <b>2013</b> , 56, 1845-55	10.3	34
118	Mutations in MYH7 reduce the force generating capacity of sarcomeres in human familial hypertrophic cardiomyopathy. <i>Cardiovascular Research</i> , <b>2013</b> , 99, 432-41	9.9	69
117	Increased nitrosative/oxidative stress lowers myocardial protein kinase G activity in heart failure with preserved ejection fraction. <i>BMC Pharmacology &amp; Toxicology</i> , <b>2013</b> , 14,	2.6	78
116	Magnetic resonance imaging-defined areas of microvascular obstruction after acute myocardial infarction represent microvascular destruction and haemorrhage. <i>European Heart Journal</i> , <b>2013</b> , 34, 2346-53	9.5	141
115	Complement factor C5a as mast cell activator mediates vascular remodelling in vein graft disease. <i>Cardiovascular Research</i> , <b>2013</b> , 97, 311-20	9.9	42
114	Right ventricular oxygen supply parameters are decreased in human and experimental pulmonary hypertension. <i>Journal of Heart and Lung Transplantation</i> , <b>2013</b> , 32, 231-40	5.8	44
113	Homocysteine-induced apoptosis in endothelial cells coincides with nuclear NOX2 and peri-nuclear NOX4 activity. <i>Cell Biochemistry and Biophysics</i> , <b>2013</b> , 67, 341-52	3.2	39
112	Novel COL4A1 mutations cause cerebral small vessel disease by haploinsufficiency. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 391-7	5.6	40
111	Loss of DPP4 activity is related to a prothrombogenic status of endothelial cells: implications for the coronary microvasculature of myocardial infarction patients. <i>Basic Research in Cardiology</i> , <b>2012</b> , 107, 233	11.8	38
110	Myocardial infarction accelerates atherosclerosis. <i>Nature</i> , <b>2012</b> , 487, 325-9	50.4	674
109	C1-esterase inhibitor protects against early vein graft remodeling under arterial blood pressure. <i>Atherosclerosis</i> , <b>2012</b> , 220, 86-92	3.1	9
108	S-Adenosylhomocysteine induces apoptosis and phosphatidylserine exposure in endothelial cells independent of homocysteine. <i>Atherosclerosis</i> , <b>2012</b> , 221, 48-54	3.1	27
107	The multidrug resistance protein breast cancer resistance protein (BCRP) protects adipose-derived stem cells against ischemic damage. <i>Cell Biology and Toxicology</i> , <b>2012</b> , 28, 303-15	7.4	9
106	NOX5 expression is increased in intramyocardial blood vessels and cardiomyocytes after acute myocardial infarction in humans. <i>American Journal of Pathology</i> , <b>2012</b> , 180, 2222-9	5.8	43
105	Early myocardial dysfunction is not caused by mitochondrial abnormalities in a rat model of peritonitis. <i>Journal of Surgical Research</i> , <b>2012</b> , 176, 178-84	2.5	8
104	PET/MRI of inflammation in myocardial infarction. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 59, 153-63	15.1	245

103	Plaque rupture complications in murine atherosclerotic vein grafts can be prevented by TIMP-1 overexpression. <i>PLoS ONE</i> , <b>2012</b> , 7, e47134	3.7	32
102	Human platelet lysate as a fetal bovine serum substitute improves human adipose-derived stromal cell culture for future cardiac repair applications. <i>Cell and Tissue Research</i> , <b>2012</b> , 348, 119-30	4.2	71
101	Low myocardial protein kinase G activity in heart failure with preserved ejection fraction. <i>Circulation</i> , <b>2012</b> , 126, 830-9	16.7	306
100	Prolonged C1 inhibitor administration improves local healing of burn wounds and reduces myocardial inflammation in a rat burn wound model. <i>Journal of Burn Care and Research</i> , <b>2012</b> , 33, 544-51 <sup>0.8</sup>		27
99	T1 mapping shows increased extracellular matrix size in the myocardium due to amyloid depositions. <i>Circulation: Cardiovascular Imaging</i> , <b>2012</b> , 5, 423-6	3.9	41
98	Neutralization of IL-8 prevents the induction of dermatologic adverse events associated with the inhibition of epidermal growth factor receptor. <i>PLoS ONE</i> , <b>2012</b> , 7, e39706	3.7	21
97	IgM antibodies against apoptotic cells and phosphorylcholine in patients with acute myocardial infarction in relation to infarct size and inflammatory response. <i>Advances in Clinical and Experimental Medicine</i> , <b>2012</b> , 21, 455-67	1.8	4
96	Homocysteine induces phosphatidylserine exposure in cardiomyocytes through inhibition of Rho kinase and flippase activity. <i>Cellular Physiology and Biochemistry</i> , <b>2011</b> , 28, 53-62	3.9	2
95	Enhanced myofilament responsiveness upon βadrenergic stimulation in post-infarct remodeled myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2011</b> , 50, 487-99	5.8	24
94	Selective diaphragm muscle weakness after contractile inactivity during thoracic surgery. <i>Annals of Surgery</i> , <b>2011</b> , 254, 1044-9	7.8	42
93	Reduction of infarct size by intravenous injection of uncultured adipose derived stromal cells in a rat model is dependent on the time point of application. <i>Stem Cell Research</i> , <b>2011</b> , 7, 219-29	1.6	59
92	Effect of additional treatment with EXenatide in patients with an Acute Myocardial Infarction (EXAMI): study protocol for a randomized controlled trial. <i>Trials</i> , <b>2011</b> , 12, 240	2.8	15
91	Homocysteine-induced cardiomyocyte apoptosis and plasma membrane flip-flop are independent of S-adenosylhomocysteine: a crucial role for nuclear p47(phox). <i>Molecular and Cellular Biochemistry</i> , <b>2011</b> , 358, 229-39	4.2	11
90	Distinct mechanisms for diastolic dysfunction in diabetes mellitus and chronic pressure-overload. <i>Basic Research in Cardiology</i> , <b>2011</b> , 106, 801-14	11.8	50
89	Rationale and design of a proof-of-concept trial investigating the effect of uninterrupted perioperative (par)enteral nutrition on amino acid profile, cardiomyocytes structure, and cardiac perfusion and metabolism of patients undergoing coronary artery bypass grafting. <i>Journal of Cardiothoracic Surgery</i> , <b>2011</b> , 6, 36	1.6	9
88	Diabetes mellitus worsens diastolic left ventricular dysfunction in aortic stenosis through altered myocardial structure and cardiomyocyte stiffness. <i>Circulation</i> , <b>2011</b> , 124, 1151-9	16.7	152
87	Monomeric C-reactive protein modulates classic complement activation on necrotic cells. <i>FASEB Journal</i> , <b>2011</b> , 25, 4198-210	0.9	81
86	Toll-like receptor 4 is involved in human and mouse vein graft remodeling, and local gene silencing reduces vein graft disease in hypercholesterolemic APOE*3Leiden mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 1033-40	9.4	35



85	NOX2, p22phox and p47phox are targeted to the nuclear pore complex in ischemic cardiomyocytes colocalizing with local reactive oxygen species. <i>Cellular Physiology and Biochemistry</i> , <b>2011</b> , 27, 471-8	3.9	16
84	Letter by Krijnen et al regarding article, "The sPLA2 Inhibition to Decrease Enzyme Release after Percutaneous Coronary Intervention (SPIDER-PCI) trial". <i>Circulation</i> , <b>2011</b> , 124, e298; author reply e299-300	16.7	
83	Degeneration and atherosclerosis inducing increased deposition of type IIA secretory phospholipase A2, C-reactive protein and complement in aortic valves cause neutrophilic granulocyte influx. <i>Journal of Heart Valve Disease</i> , <b>2011</b> , 20, 29-36		5
82	Validation of ultrastructural analysis of mitochondrial deposits in cardiomyocytes as a method of detecting early acute myocardial infarction in humans. <i>Journal of Forensic Sciences</i> , <b>2010</b> , 55, 988-92	1.8	3
81	Activated complement is more extensively present in diseased aortic valves than naturally occurring complement inhibitors: a sign of ongoing inflammation. <i>European Journal of Clinical Investigation</i> , <b>2010</b> , 40, 4-10	4.6	11
80	Intravenous clusterin administration reduces myocardial infarct size in rats. <i>European Journal of Clinical Investigation</i> , <b>2010</b> , 40, 893-902	4.6	43
79	The basement membrane of intramyocardial capillaries is thickened in patients with acute myocardial infarction. <i>Journal of Vascular Research</i> , <b>2010</b> , 47, 54-60	1.9	10
78	Inhibition of Rho-ROCK signaling induces apoptotic and non-apoptotic PS exposure in cardiomyocytes via inhibition of flippase. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2010</b> , 49, 781-90	5.8	26
77	Initial characterization of C16orf89, a novel thyroid-specific gene. <i>Thyroid</i> , <b>2010</b> , 20, 811-21	6.2	11
76	More severe cellular phenotype in human idiopathic dilated cardiomyopathy compared to ischemic heart disease. <i>Journal of Muscle Research and Cell Motility</i> , <b>2010</b> , 31, 289-301	3.5	32
75	Distinct myocardial effects of beta-blocker therapy in heart failure with normal and reduced left ventricular ejection fraction. <i>European Heart Journal</i> , <b>2009</b> , 30, 1863-72	9.5	46
74	Inhibition of type 2A secretory phospholipase A2 reduces death of cardiomyocytes in acute myocardial infarction. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2009</b> , 14, 753-63	5.4	29
73	Apoptosis in diabetes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2009</b> , 14, 1387-8	5.4	23
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