

Anton Jan van Zonneveld

List of Publications by Citations

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169
papers

8,024
citations

52
h-index

85
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188
ext. papers

8,864
ext. citations

6
avg, IF

5.53
L-index

#	Paper	IF	Citations
169	Endothelial progenitor cell dysfunction: a novel concept in the pathogenesis of vascular complications of type 1 diabetes. <i>Diabetes</i> , 2004 , 53, 195-9	0.9	732
168	Dynamics of gene expression revealed by comparison of serial analysis of gene expression transcript profiles from yeast grown on two different carbon sources. <i>Molecular Biology of the Cell</i> , 1999 , 10, 1859-72	3.5	309
167	Cloning of a cDNA encoding chitotriosidase, a human chitinase produced by macrophages. <i>Journal of Biological Chemistry</i> , 1995 , 270, 26252-6	5.4	306
166	Endothelial plasminogen activator inhibitor (PAI): a new member of the Serpin gene family.. <i>EMBO Journal</i> , 1986 , 5, 2539-2544	13	251
165	Many novel mammalian microRNA candidates identified by extensive cloning and RAKE analysis. <i>Genome Research</i> , 2006 , 16, 1289-98	9.7	217
164	Antagomir-mediated silencing of endothelial cell specific microRNA-126 impairs ischemia-induced angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 1577-85	5.6	204
163	Inhibition of plasminogen activator inhibitor-1 activity results in promotion of endogenous thrombolysis and inhibition of thrombus extension in models of experimental thrombosis. <i>Circulation</i> , 1992 , 85, 305-12	16.7	172
162	The light chain of factor VIII comprises a binding site for low density lipoprotein receptor-related protein. <i>Journal of Biological Chemistry</i> , 1999 , 274, 23734-9	5.4	160
161	A single bolus of a long-acting erythropoietin analogue darbepoetin alfa in patients with acute myocardial infarction: a randomized feasibility and safety study. <i>Cardiovascular Drugs and Therapy</i> , 2006 , 20, 135-41	3.9	156
160	Bone-marrow-derived cells contribute to glomerular endothelial repair in experimental glomerulonephritis. <i>American Journal of Pathology</i> , 2003 , 163, 553-62	5.8	147
159	Construction of cDNA coding for human von Willebrand factor using antibody probes for colony-screening and mapping of the chromosomal gene. <i>Nucleic Acids Research</i> , 1985 , 13, 4699-717	20.1	131
158	Haematopoietic stem cells and endothelial progenitor cells in healthy men: effect of aging and training. <i>Aging Cell</i> , 2006 , 5, 495-503	9.9	122
157	Aspirin treatment hampers the use of plasma microRNA-126 as a biomarker for the progression of vascular disease. <i>European Heart Journal</i> , 2013 , 34, 3451-7	9.5	120
156	Fibrin and activated platelets cooperatively guide stem cells to a vascular injury and promote differentiation towards an endothelial cell phenotype. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 1653-9	9.4	118
155	Transforming growth factor beta-induced endothelial-to-mesenchymal transition: a switch to cardiac fibrosis?. <i>Trends in Cardiovascular Medicine</i> , 2008 , 18, 293-8	6.9	117
154	The second and fourth cluster of class A cysteine-rich repeats of the low density lipoprotein receptor-related protein share ligand-binding properties. <i>Journal of Biological Chemistry</i> , 1999 , 274, 31305-11	5.4	114
153	Shear stress-induced changes in atherosclerotic plaque composition are modulated by chemokines. <i>Journal of Clinical Investigation</i> , 2007 , 117, 616-26	15.9	114

152	MicroRNAs regulate human brain endothelial cell-barrier function in inflammation: implications for multiple sclerosis. <i>Journal of Neuroscience</i> , 2013 , 33, 6857-63	6.6	107
151	Tetrahydrobiopterin, but not L-arginine, decreases NO synthase uncoupling in cells expressing high levels of endothelial NO synthase. <i>Hypertension</i> , 2006 , 47, 87-94	8.5	104
150	Deeper penetration of erythrocytes into the endothelial glycocalyx is associated with impaired microvascular perfusion. <i>PLoS ONE</i> , 2014 , 9, e96477	3.7	102
149	Endothelial activation and circulating markers of endothelial activation in kidney disease. <i>Nature Reviews Nephrology</i> , 2010 , 6, 404-14	14.9	100
148	Cytochrome P450 epoxygenase gene function in hypoxic pulmonary vasoconstriction and pulmonary vascular remodeling. <i>Hypertension</i> , 2006 , 47, 762-70	8.5	100
147	Association of kidney function with changes in the endothelial surface layer. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014 , 9, 698-704	6.9	96
146	Hypercoagulability causes atrial fibrosis and promotes atrial fibrillation. <i>European Heart Journal</i> , 2017 , 38, 38-50	9.5	89
145	Endothelial progenitor cells: more than an inflammatory response?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 834-8	9.4	89
144	Perfused 3D angiogenic sprouting in a high-throughput in vitro platform. <i>Angiogenesis</i> , 2019 , 22, 157-165	10.6	88
143	Arteriovenous access failure: more than just intimal hyperplasia?. <i>Nephrology Dialysis Transplantation</i> , 2013 , 28, 1085-92	4.3	87
142	Hematopoietic microRNA-126 protects against renal ischemia/reperfusion injury by promoting vascular integrity. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 1710-22	12.7	85
141	A microscopic view on the renal endothelial glycocalyx. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F956-66	4.3	83
140	MicroRNA-126 contributes to renal microvascular heterogeneity of VCAM-1 protein expression in acute inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, F1630-9	4.3	81
139	Differentiation of bone marrow-derived endothelial progenitor cells is shifted into a proinflammatory phenotype by hyperglycemia. <i>Molecular Medicine</i> , 2009 , 15, 152-9	6.2	79
138	Atrasentan Reduces Albuminuria by Restoring the Glomerular Endothelial Glycocalyx Barrier in Diabetic Nephropathy. <i>Diabetes</i> , 2016 , 65, 2429-39	0.9	79
137	Glomerular endothelial surface layer acts as a barrier against albumin filtration. <i>American Journal of Pathology</i> , 2013 , 182, 1532-40	5.8	75
136	MicroRNA-126 modulates endothelial SDF-1 expression and mobilization of Sca-1(+)/Lin(-) progenitor cells in ischaemia. <i>Cardiovascular Research</i> , 2011 , 92, 449-55	9.9	74
135	Structure and function of human tissue-type plasminogen activator (t-PA). <i>Journal of Cellular Biochemistry</i> , 1986 , 32, 169-78	4.7	73

134	Serial analysis of gene expression to assess the endothelial cell response to an atherogenic stimulus. <i>Gene</i> , 1999 , 226, 1-8	3.8	70
133	Silencing of microRNA-132 reduces renal fibrosis by selectively inhibiting myofibroblast proliferation. <i>Kidney International</i> , 2016 , 89, 1268-80	9.9	70
132	Molecular analysis of ligand binding to the second cluster of complement-type repeats of the low density lipoprotein receptor-related protein. Evidence for an allosteric component in receptor-associated protein-mediated inhibition of ligand binding. <i>Journal of Biological Chemistry</i> , 1997 , 272, 13608-13	5.4	67
131	Quaking promotes monocyte differentiation into pro-atherogenic macrophages by controlling pre-mRNA splicing and gene expression. <i>Nature Communications</i> , 2016 , 7, 10846	17.4	66
130	Angiogenic murine endothelial progenitor cells are derived from a myeloid bone marrow fraction and can be identified by endothelial NO synthase expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 1760-7	9.4	64
129	Quaking, an RNA-binding protein, is a critical regulator of vascular smooth muscle cell phenotype. <i>Circulation Research</i> , 2013 , 113, 1065-75	15.7	63
128	Free radical production by dysfunctional eNOS. <i>British Heart Journal</i> , 2004 , 90, 494-5		61
127	96 perfusable blood vessels to study vascular permeability in vitro. <i>Scientific Reports</i> , 2017 , 7, 18071	4.9	60
126	Annexin A5 therapy attenuates vascular inflammation and remodeling and improves endothelial function in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 95-101	9.4	60
125	Rapid determination of adenoviral vector titers by quantitative real-time PCR. <i>Journal of Virological Methods</i> , 2001 , 93, 181-8	2.6	59
124	Development and evaluation of in vivo tissue engineered blood vessels in a porcine model. <i>Biomaterials</i> , 2016 , 75, 82-90	15.6	58
123	Circulating microRNAs associate with diabetic nephropathy and systemic microvascular damage and normalize after simultaneous pancreas-kidney transplantation. <i>American Journal of Transplantation</i> , 2015 , 15, 1081-90	8.7	55
122	Emerging roles for RNA-binding proteins as effectors and regulators of cardiovascular disease. <i>European Heart Journal</i> , 2017 , 38, 1380-1388	9.5	54
121	Systemic Monocyte Chemotactic Protein-1 Inhibition Modifies Renal Macrophages and Restores Glomerular Endothelial Glycocalyx and Barrier Function in Diabetic Nephropathy. <i>American Journal of Pathology</i> , 2017 , 187, 2430-2440	5.8	53
120	New horizons in prevention and treatment of ischaemic injury to kidney transplants. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 342-6	4.3	52
119	Endothelial progenitor cell dysfunction in type 1 diabetes: another consequence of oxidative stress?. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 1468-75	8.4	52
118	Identification of functional interaction sites on proteins using bacteriophage-displayed random epitope libraries. <i>Gene</i> , 1995 , 167, 49-52	3.8	52
117	Quantification of tissue-type plasminogen activator (t-PA) mRNA in human endothelial-cell cultures by hybridization with a t-PA cDNA probe. <i>Biochemical Journal</i> , 1986 , 235, 385-90	3.8	50

116	Gender and cardiovascular disease: are sex-biased microRNA networks a driving force behind heart failure with preserved ejection fraction in women?. <i>Cardiovascular Research</i> , 2018 , 114, 210-225	9.9	47
115	Progenitor cells in the kidney: biology and therapeutic perspectives. <i>Kidney International</i> , 2004 , 66, 518-229	9.9	44
114	Vascular Semaphorin 7A Upregulation by Disturbed Flow Promotes Atherosclerosis Through Endothelial β Integrin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 335-343	9.4	41
113	Anti-inflammatory effects of tetrahydrobiopterin on early rejection in renal allografts: modulation of inducible nitric oxide synthase. <i>FASEB Journal</i> , 2002 , 16, 1135-7	0.9	40
112	CD34+ cells home, proliferate, and participate in capillary formation, and in combination with CD34- cells enhance tube formation in a 3-dimensional matrix. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 1843-50	9.4	39
111	Inflammation, vascular injury and repair in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69 Suppl 1, i57-60	2.4	38
110	Regulation of mRNA levels of rat liver carbamoylphosphate synthetase by glucocorticosteroids and cyclic AMP as estimated with a specific cDNA. <i>Biochemical and Biophysical Research Communications</i> , 1984 , 124, 882-8	3.4	38
109	Human CD34+/KDR+ cells are generated from circulating CD34+ cells after immobilization on activated platelets. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 408-15	9.4	37
108	Ligand-receptor interactions of the low density lipoprotein receptor-related protein, a multi-ligand endocytic receptor. <i>Fibrinolysis and Proteolysis</i> , 1998 , 12, 219-240		37
107	Vascular remodeling and intimal hyperplasia in a novel murine model of arteriovenous fistula failure. <i>Journal of Vascular Surgery</i> , 2014 , 59, 192-201.e1	3.5	36
106	Bone marrow-derived mesenchymal stromal cells from patients with end-stage renal disease are suitable for autologous therapy. <i>Cytotherapy</i> , 2013 , 15, 663-72	4.8	36
105	Functional analysis of the human tissue-type plasminogen activator protein: the light chain. <i>Gene</i> , 1986 , 42, 59-67	3.8	36
104	Glomerular Function and Structural Integrity Depend on Hyaluronan Synthesis by Glomerular Endothelium. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 1886-1897	12.7	35
103	Endothelial colony-forming cells show a mature transcriptional response to shear stress. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2012 , 48, 21-9	2.6	35
102	Endothelial progenitor cells: mainly derived from the monocyte/macrophage-containing CD34-mononuclear cell population and only in part from the hematopoietic stem cell-containing CD34+ mononuclear cell population. <i>Circulation</i> , 2003 , 108, e150; author reply e150	16.7	35
101	Long Non-coding RNAs Rian and Miat Mediate Myofibroblast Formation in Kidney Fibrosis. <i>Frontiers in Pharmacology</i> , 2019 , 10, 215	5.6	34
100	Intracellular storage and regulated secretion of von Willebrand factor in quantitative von Willebrand disease. <i>Journal of Biological Chemistry</i> , 2011 , 286, 24180-8	5.4	34
99	Randomized trial of short-course high-dose erythropoietin in donation after cardiac death kidney transplant recipients. <i>American Journal of Transplantation</i> , 2012 , 12, 1793-800	8.7	33

98	Microvascular damage in type 1 diabetic patients is reversed in the first year after simultaneous pancreas-kidney transplantation. <i>American Journal of Transplantation</i> , 2013 , 13, 1272-81	8.7	32
97	Renal ischemia-reperfusion induces a dysbalance of angiopoietins, accompanied by proliferation of pericytes and fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 305, F901-10	4.3	32
96	In vivo bioluminescence imaging study to monitor ectopic bone formation by luciferase gene marked mesenchymal stem cells. <i>Journal of Orthopaedic Research</i> , 2008 , 26, 901-9	3.8	32
95	Hepatocyte-specific IKK α expression aggravates atherosclerosis development in APOE*3-Leiden mice. <i>Atherosclerosis</i> , 2012 , 220, 362-8	3.1	30
94	Selective screening of a large phage display library of plasminogen activator inhibitor 1 mutants to localize interaction sites with either thrombin or the variable region 1 of tissue-type plasminogen activator. <i>Journal of Biological Chemistry</i> , 1996 , 271, 7423-8	5.4	30
93	The RNA-binding protein quaking maintains endothelial barrier function and affects VE-cadherin and Eatenin protein expression. <i>Scientific Reports</i> , 2016 , 6, 21643	4.9	29
92	Oleic acid increases mitochondrial reactive oxygen species production and decreases endothelial nitric oxide synthase activity in cultured endothelial cells. <i>European Journal of Pharmacology</i> , 2015 , 751, 67-72	5.3	29
91	Angiotensin II type 1 receptor blockade improves hyperglycemia-induced endothelial dysfunction and reduces proinflammatory cytokine release from leukocytes. <i>Journal of Cardiovascular Pharmacology</i> , 2007 , 49, 6-12	3.1	29
90	Functional duplication of ligand-binding domains within low-density lipoprotein receptor-related protein for interaction with receptor associated protein, alpha2-macroglobulin, factor IXa and factor VIII. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007 , 1774, 714-22	4	28
89	Heart failure with preserved ejection fraction in women: the Dutch Queen of Hearts program. <i>Netherlands Heart Journal</i> , 2015 , 23, 89-93	2.2	27
88	Elastin is a key regulator of outward remodeling in arteriovenous fistulas. <i>European Journal of Vascular and Endovascular Surgery</i> , 2015 , 49, 480-6	2.3	26
87	Diabetic Nephropathy Alters the Distribution of Circulating Angiogenic MicroRNAs Among Extracellular Vesicles, HDL, and Ago-2. <i>Diabetes</i> , 2019 , 68, 2287-2300	0.9	25
86	Ebola Hemorrhagic Shock Syndrome-on-a-Chip. <i>IScience</i> , 2020 , 23, 100765	6.1	24
85	Modeling the combined effect of RNA-binding proteins and microRNAs in post-transcriptional regulation. <i>Nucleic Acids Research</i> , 2016 , 44, e83	20.1	23
84	Small GTP-binding proteins in human endothelial cells. <i>British Journal of Haematology</i> , 1998 , 103, 15-9	4.5	23
83	The Role of microRNA-126 in Vascular Homeostasis. <i>Current Vascular Pharmacology</i> , 2015 , 13, 341-51	3.3	23
82	Circulating cells as predictors of secondary manifestations of cardiovascular disease: design of the CIRCULATING CELLS study. <i>Clinical Research in Cardiology</i> , 2013 , 102, 847-56	6.1	21
81	Endothelial progenitor cells: biology and therapeutic potential in hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2006 , 15, 167-72	3.5	21

80	Is endothelial progenitor cell dysfunction involved in altered angiogenic processes in patients with hypertension?. <i>Current Hypertension Reports</i> , 2004 , 6, 51-4	4.7	21
79	Interaction between factor VIII and LDL receptor-related protein. Modulation of coagulation?. <i>Trends in Cardiovascular Medicine</i> , 2000 , 10, 8-14	6.9	21
78	Liposomal prednisolone inhibits vascular inflammation and enhances venous outward remodeling in a murine arteriovenous fistula model. <i>Scientific Reports</i> , 2016 , 6, 30439	4.9	21
77	Type 2 Diabetes Monocyte MicroRNA and mRNA Expression: Dyslipidemia Associates with Increased Differentiation-Related Genes but Not Inflammatory Activation. <i>PLoS ONE</i> , 2015 , 10, e0129421	3.7	20
76	Adenoviral transfer of endothelial nitric oxide synthase attenuates lesion formation in a novel murine model of postangioplasty restenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 357-62	9.4	20
75	Acute Rejection After Kidney Transplantation Associates With Circulating MicroRNAs and Vascular Injury. <i>Transplantation Direct</i> , 2017 , 3, e174	2.3	19
74	TLR4 accessory molecule RP105 (CD180) regulates monocyte-driven arteriogenesis in a murine hind limb ischemia model. <i>PLoS ONE</i> , 2014 , 9, e99882	3.7	19
73	T-cell-pre-stimulated monocytes promote neovascularisation in a murine hind limb ischaemia model. <i>European Journal of Vascular and Endovascular Surgery</i> , 2011 , 41, 418-28	2.3	19
72	The Composition of Complexes between Plasminogen Activator Inhibitor 1, Vitronectin and either Thrombin or Tissue-type Plasminogen Activator. <i>Thrombosis and Haemostasis</i> , 1997 , 77, 516-521	7	19
71	In Vivo Silencing of MicroRNA-132 Reduces Blood Glucose and Improves Insulin Secretion. <i>Nucleic Acid Therapeutics</i> , 2019 , 29, 67-72	4.8	18
70	Analysis of the binding of pro-urokinase and urokinase-plasminogen activator inhibitor-1 complex to the low density lipoprotein receptor-related protein using a Fab fragment selected from a phage-displayed Fab library. <i>Journal of Biological Chemistry</i> , 1995 , 270, 11770-5	5.4	18
69	TLR accessory molecule RP105 (CD180) is involved in post-interventional vascular remodeling and soluble RP105 modulates neointima formation. <i>PLoS ONE</i> , 2013 , 8, e67923	3.7	18
68	Study on inflammation-related genes and microRNAs, with special emphasis on the vascular repair factor HGF and miR-574-3p, in monocytes and serum of patients with T2D. <i>Diabetology and Metabolic Syndrome</i> , 2016 , 8, 6	5.6	17
67	Proteases and receptors in the recruitment of endothelial progenitor cells in neovascularization. <i>European Cytokine Network</i> , 2009 , 20, 207-19	3.3	17
66	Understanding netrins and semaphorins in mature endothelial cell biology. <i>Pharmacological Research</i> , 2018 , 137, 1-10	10.2	17
65	Increased cytokine response after toll-like receptor stimulation in patients with stable coronary artery disease. <i>Atherosclerosis</i> , 2013 , 231, 346-51	3.1	16
64	Recombinant human GH replacement increases CD34+ cells and improves endothelial function in adults with GH deficiency. <i>European Journal of Endocrinology</i> , 2008 , 159, 105-11	6.5	16
63	A novel method for engineering autologous non-thrombogenic in situ tissue-engineered blood vessels for arteriovenous grafting. <i>Biomaterials</i> , 2020 , 229, 119577	15.6	16

62	MicroRNA-132 controls water homeostasis through regulating MECP2-mediated vasopressin synthesis. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, F1129-F1138	4.3	15
61	Renal ischemia-reperfusion induces release of angiotensin-2 from human grafts of living and deceased donors. <i>Transplantation</i> , 2013 , 96, 282-9	1.8	14
60	Novel roles of hepatic lipase and phospholipid transfer protein in VLDL as well as HDL metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009 , 1791, 1031-6	5	14
59	Protease-activated receptor (PAR)2, but not PAR1, is involved in collateral formation and anti-inflammatory monocyte polarization in a mouse hind limb ischemia model. <i>PLoS ONE</i> , 2013 , 8, e61923	3.7	14
58	Simultaneous pancreas-kidney transplantation in patients with type 1 diabetes reverses elevated MBL levels in association with MBL2 genotype and VEGF expression. <i>Diabetologia</i> , 2016 , 59, 853-8	10.3	12
57	Selection of peptides that bind to plasminogen activator inhibitor 1 (PAI-1) using random peptide phage-display libraries. <i>FEBS Letters</i> , 1998 , 431, 170-4	3.8	12
56	Identification of free nitric oxide radicals in rat bone marrow: implications for progenitor cell mobilization in hypertension. <i>PLoS ONE</i> , 2013 , 8, e57761	3.7	11
55	Silencing of miRNA-126 in kidney ischemia reperfusion is associated with elevated SDF-1 levels and mobilization of Sca-1+/Lin- progenitor cells. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2014 , 3, 144-9	2.9	11
54	Promoting Tropoelastin Expression in Arterial and Venous Vascular Smooth Muscle Cells and Fibroblasts for Vascular Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2016 , 22, 923-931	2.9	10
53	Prevalence of left ventricular systolic dysfunction and heart failure with reduced ejection fraction in men and women with type 2 diabetes mellitus: a systematic review and meta-analysis. <i>Cardiovascular Diabetology</i> , 2018 , 17, 58	8.7	10
52	miRNA-Coordinated Networks as Promising Therapeutic Targets for Acute Kidney Injury. <i>American Journal of Pathology</i> , 2017 , 187, 20-24	5.8	10
51	Erythropoietin, progenitors, and repair. <i>Kidney International</i> , 2007 , S16-20	9.9	10
50	Standardized and Scalable Assay to Study Perfused 3D Angiogenic Sprouting of iPSC-derived Endothelial Cells In Vitro. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	10
49	Hypercholesterolemia affects cardiac function, infarct size and inflammation in APOE*3-Leiden mice following myocardial ischemia-reperfusion injury. <i>PLoS ONE</i> , 2019 , 14, e0217582	3.7	9
48	Vascular Calcification and not Arrhythmia in Idiopathic Atrial Fibrillation Associates with Sex Differences in Diabetic Microvascular Injury miRNA Profiles. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2019 , 8, 127-134	2.9	9
47	Deficiency of TLR4 homologue RP105 aggravates outward remodeling in a murine model of arteriovenous fistula failure. <i>Scientific Reports</i> , 2017 , 7, 10269	4.9	9
46	Triploidy in Gallus domesticus embryos, hatchlings and adult intersex chickens. <i>Genetica</i> , 1984 , 65, 83-87	1.5	9
45	Netrin-1 and the Grade of Atherosclerosis Are Inversely Correlated in Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 462-472	9.4	9

44	Circular RNAs in kidney disease and cancer. <i>Nature Reviews Nephrology</i> , 2021 , 17, 814-826	14.9	9
43	Robust and Scalable Angiogenesis Assay of Perfused 3D Human iPSC-Derived Endothelium for Anti-Angiogenic Drug Screening. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
42	Activated platelets correlate with mobilization of naïve CD34(+) cells and generation of CD34(+)/KDR(+) cells in the circulation. A meta-regression analysis. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 1583-92	15.4	8
41	Circulating Endothelial Markers in Retinal Vasculopathy With Cerebral Leukoencephalopathy and Systemic Manifestations. <i>Stroke</i> , 2017 , 48, 3301-3307	6.7	8
40	Relaxin receptor deficiency promotes vascular inflammation and impairs outward remodeling in arteriovenous fistulas. <i>FASEB Journal</i> , 2018 , 32, fj201800437R	0.9	7
39	Metabolic response of blood vessels to TNF α . <i>Life</i> , 2020 , 9,	8.9	7
38	Contribution of bone marrow-derived cells to in situ engineered tissue capsules in a rat model of chronic kidney disease. <i>Biomaterials</i> , 2019 , 194, 47-56	15.6	7
37	Diabetic nephropathy alters circulating long noncoding RNA levels that normalize following simultaneous pancreas-kidney transplantation. <i>American Journal of Transplantation</i> , 2020 , 20, 3451-3461	8.7	6
36	The identification and function of a Netrin-1 mutation in a pedigree with premature atherosclerosis. <i>Atherosclerosis</i> , 2020 , 301, 84-92	3.1	6
35	EPH receptor B2 stimulates human monocyte adhesion and migration independently of its EphrinB ligands. <i>Journal of Leukocyte Biology</i> , 2020 , 108, 999-1011	6.5	6
34	A study of neovascularization in the rat ischemic hindlimb using Araldite casting and Spalteholtz tissue clearing. <i>Cardiovascular Pathology</i> , 2005 , 14, 294-7	3.8	6
33	Ephs and Ephrins in Adult Endothelial Biology. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
32	MicroRNA-132 regulates salt-dependent steady-state renin levels in mice. <i>Communications Biology</i> , 2020 , 3, 238	6.7	5
31	Endothelial Semaphorin 3F Maintains Endothelial Barrier Function and Inhibits Monocyte Migration. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
30	A Novel Murine Model of Arteriovenous Fistula Failure: The Surgical Procedure in Detail. <i>Journal of Visualized Experiments</i> , 2016 , e53294	1.6	5
29	Increased platelet reactivity is associated with circulating platelet-monocyte complexes and macrophages in human atherosclerotic plaques. <i>PLoS ONE</i> , 2014 , 9, e105019	3.7	5
28	Fractional flow reserve is not associated with inflammatory markers in patients with stable coronary artery disease. <i>PLoS ONE</i> , 2012 , 7, e46356	3.7	5
27	Gene transfer into specific vascular cells. <i>European Journal of Vascular Surgery</i> , 1992 , 6, 130-4		5

26	Loss of Endothelial Glycocalyx Hyaluronan Impairs Endothelial Stability and Adaptive Vascular Remodeling After Arterial Ischemia. <i>Cells</i> , 2020 , 9,	7.9	5
25	Chronic kidney failure mineral bone disorder leads to a permanent loss of hematopoietic stem cells through dysfunction of the stem cell niche. <i>Scientific Reports</i> , 2018 , 8, 15385	4.9	5
24	Classical determinants of coronary artery disease as predictors of complexity of coronary lesions, assessed with the SYNTAX score. <i>Netherlands Heart Journal</i> , 2017 , 25, 490-497	2.2	4
23	Preexisting antiadenoviral immunity and regional myocardial gene transfer: modulation by nitric oxide. <i>Human Gene Therapy</i> , 2002 , 13, 2185-95	4.8	4
22	Sex-specific microRNAs in women with diabetes and left ventricular diastolic dysfunction or HFpEF associate with microvascular injury. <i>Scientific Reports</i> , 2020 , 10, 13945	4.9	4
21	Circulating Long Noncoding RNA LNC-EPHA6 Associates with Acute Rejection after Kidney Transplantation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
20	Platelet density per monocyte predicts adverse events in patients after percutaneous coronary intervention. <i>Thrombosis and Haemostasis</i> , 2016 , 115, 353-60	7	3
19	Neutral endopeptidase inhibitors blunt kidney fibrosis by reducing myofibroblast formation. <i>Clinical Science</i> , 2019 , 133, 239-252	6.5	3
18	Potential Influence of Endothelial Adsorption on the Delayed Time to Maximum Concentration of Biopharmaceuticals. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2018 , 43, 103-113	2.7	3
17	Mesangial cells defy LDL receptor paradigm. <i>Kidney International</i> , 2001 , 60, 2037-8	9.9	2
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