

Anton Jan van Zonneveld

List of Publications by Year in descending order

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185
papers

9,803
citations

28274

55
h-index

40979

93
g-index

188
all docs

188
docs citations

188
times ranked

12935
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial Progenitor Cell Dysfunction. <i>Diabetes</i> , 2004, 53, 195-199.	0.6	795
2	Cloning of a cDNA Encoding Chitotriosidase, a Human Chitinase Produced by Macrophages. <i>Journal of Biological Chemistry</i> , 1995, 270, 26252-26256.	3.4	351
3	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, 1859-1872.	2.1	345
4	Endothelial plasminogen activator inhibitor (PAI): a new member of the Serpin gene family.. <i>EMBO Journal</i> , 1986, 5, 2539-2544.	7.8	315
5	Many novel mammalian microRNA candidates identified by extensive cloning and RAKE analysis. <i>Genome Research</i> , 2006, 16, 1289-1298.	5.5	242
6	Antagomir-mediated silencing of endothelial cell specific microRNA-126 impairs ischemia-induced angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1577-1585.	3.6	236
7	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, 305-312.	1.6	194
8	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, 23734-23739.	3.4	187
9	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, 135-141.	2.6	176
10	Bone-Marrow-Derived Cells Contribute to Glomerular Endothelial Repair in Experimental Glomerulonephritis. <i>American Journal of Pathology</i> , 2003, 163, 553-562.	3.8	166
11	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, 4699-4717.	14.5	159
12	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, 3451-3457.	2.2	149
13	Perfused 3D angiogenic sprouting in a high-throughput in vitro platform. <i>Angiogenesis</i> , 2019, 22, 157-165.	7.2	147
14	Transforming Growth Factor β -Induced Endothelial-to-Mesenchymal Transition: A Switch to Cardiac Fibrosis?. <i>Trends in Cardiovascular Medicine</i> , 2008, 18, 293-298.	4.9	143
15	Deeper Penetration of Erythrocytes into the Endothelial Glycocalyx Is Associated with Impaired Microvascular Perfusion. <i>PLoS ONE</i> , 2014, 9, e96477.	2.5	140
16	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, 1653-1659.	2.4	136
17	Shear stress-induced changes in atherosclerotic plaque composition are modulated by chemokines. <i>Journal of Clinical Investigation</i> , 2007, 117, 616-626.	8.2	136
18	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, 31305-31311.	3.4	135

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19	Haematopoietic stem cells and endothelial progenitor cells in healthy men: effect of aging and training. <i>Aging Cell</i> , 2006, 5, 495-503.	6.7	132
20	Hypercoagulability causes atrial fibrosis and promotes atrial fibrillation. <i>European Heart Journal</i> , 2017, 38, 38-50.	2.2	131
21	Endothelial activation and circulating markers of endothelial activation in kidney disease. <i>Nature Reviews Nephrology</i> , 2010, 6, 404-414.	9.6	126
22	MicroRNAs Regulate Human Brain Endothelial Cell-Barrier Function in Inflammation: Implications for Multiple Sclerosis. <i>Journal of Neuroscience</i> , 2013, 33, 6857-6863.	3.6	122
23	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.	4.5	115
24	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.	2.7	114
25	Arteriovenous access failure: more than just intimal hyperplasia?. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 1085-1092.	0.7	110
26	Cytochrome P450 Epoxygenase Gene Function in Hypoxic Pulmonary Vasoconstriction and Pulmonary Vascular Remodeling. <i>Hypertension</i> , 2006, 47, 762-770.	2.7	105
27	Endothelial Progenitor Cells: More Than an Inflammatory Response?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 834-838.	2.4	103
28	Atrasentan Reduces Albuminuria by Restoring the Glomerular Endothelial Glycocalyx Barrier in Diabetic Nephropathy. <i>Diabetes</i> , 2016, 65, 2429-2439.	0.6	101
29	A microscopic view on the renal endothelial glycocalyx. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F956-F966.	2.7	100
30	Glomerular Endothelial Surface Layer Acts as a Barrier against Albumin Filtration. <i>American Journal of Pathology</i> , 2013, 182, 1532-1540.	3.8	99
31	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, 1710-1722.	6.1	99
32	Silencing of microRNA-132 reduces renal fibrosis by selectively inhibiting myofibroblast proliferation. <i>Kidney International</i> , 2016, 89, 1268-1280.	5.2	97
33	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-F1639.	2.7	95
34	Emerging roles for RNA-binding proteins as effectors and regulators of cardiovascular disease. <i>European Heart Journal</i> , 2017, 38, ehv567.	2.2	94
35	Differentiation of Bone Marrow-Derived Endothelial Progenitor Cells Is Shifted into a Proinflammatory Phenotype by Hyperglycemia. <i>Molecular Medicine</i> , 2009, 15, 152-159.	4.4	93
36	Quaking promotes monocyte differentiation into pro-atherogenic macrophages by controlling pre-mRNA splicing and gene expression. <i>Nature Communications</i> , 2016, 7, 10846.	12.8	87

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37	Quaking, an RNA-Binding Protein, Is a Critical Regulator of Vascular Smooth Muscle Cell Phenotype. <i>Circulation Research</i> , 2013, 113, 1065-1075.	4.5	86
38	MicroRNA-126 modulates endothelial SDF-1 expression and mobilization of Sca-1+/Lin ⁻ progenitor cells in ischaemia. <i>Cardiovascular Research</i> , 2011, 92, 449-455.	3.8	85
39	Structure and function of human tissue-type plasminogen activator (t-PA). <i>Journal of Cellular Biochemistry</i> , 1986, 32, 169-178.	2.6	83
40	96 perfusable blood vessels to study vascular permeability in vitro. <i>Scientific Reports</i> , 2017, 7, 18071.	3.3	81
41	Serial analysis of gene expression to assess the endothelial cell response to an atherogenic stimulus. <i>Gene</i> , 1999, 226, 1-8.	2.2	78
42	Molecular Analysis of Ligand Binding to the Second Cluster of Complement-type Repeats of the Low Density Lipoprotein Receptor-related Protein. <i>Journal of Biological Chemistry</i> , 1997, 272, 13608-13613.	3.4	76
43	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.	3.8	75
44	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.	2.4	74
45	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, 1081-1090.	4.7	73
46	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, 1760-1767.	2.4	72
47	Development and evaluation of in vivo tissue engineered blood vessels in a porcine model. <i>Biomaterials</i> , 2016, 75, 82-90.	11.4	70
48	Circular RNAs in kidney disease and cancer. <i>Nature Reviews Nephrology</i> , 2021, 17, 814-826.	9.6	69
49	Free radical production by dysfunctional eNOS. <i>British Heart Journal</i> , 2004, 90, 494-495.	2.1	67
50	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.	3.8	67
51	Rapid determination of adenoviral vector titers by quantitative real-time PCR. <i>Journal of Virological Methods</i> , 2001, 93, 181-188.	2.1	65
52	Vascular Semaphorin 7A Upregulation by Disturbed Flow Promotes Atherosclerosis Through Endothelial β 1 Integrin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 335-343.	2.4	62
53	Endothelial Progenitor Cell Dysfunction in Type 1 Diabetes: Another Consequence of Oxidative Stress?. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 1468-1475.	5.4	59
54	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, 385-390.	3.7	57

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55	New horizons in prevention and treatment of ischaemic injury to kidney transplants. <i>Nephrology Dialysis Transplantation</i> , 2006, 22, 342-346.	0.7	57
56	Identification of functional interaction sites on proteins using bacteriophage-displayed random epitope libraries. <i>Gene</i> , 1995, 167, 49-52.	2.2	55
57	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.	6.1	55
58	Progenitor cells in the kidney: Biology and therapeutic perspectives. <i>Kidney International</i> , 2004, 66, 518-522.	5.2	54
59	Anti-inflammatory effects of tetrahydrobiopterin on early rejection in renal allografts: modulation of inducible nitric oxide synthase. <i>FASEB Journal</i> , 2002, 16, 1135-1137.	0.5	48
60	Inflammation, vascular injury and repair in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, i57-i60.	0.9	47
61	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, 1272-1281.	4.7	46
62	Randomized Trial of Short-Course High-Dose Erythropoietin in Donation After Cardiac Death Kidney Transplant Recipients. <i>American Journal of Transplantation</i> , 2012, 12, 1793-1800.	4.7	45
63	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.	1.1	45
64	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, 1843-1850.	2.4	44
65	Bone marrow-derived mesenchymal stromal cells from patients with end-stage renal disease are suitable for autologous therapy. <i>Cytotherapy</i> , 2013, 15, 663-672.	0.7	43
66	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-F910.	2.7	43
67	Functional analysis of the human tissue-type plasminogen activator protein: the light chain. <i>Gene</i> , 1986, 42, 59-67.	2.2	42
68	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.	1.1	42
69	Long Non-coding RNAs Rian and Miat Mediate Myofibroblast Formation in Kidney Fibrosis. <i>Frontiers in Pharmacology</i> , 2019, 10, 215.	3.5	42
70	Endothelial colony-forming cells show a mature transcriptional response to shear stress. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2012, 48, 21-29.	1.5	41
71	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, 882-888.	2.1	40
72	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.	1.6	39

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73	Intracellular Storage and Regulated Secretion of Von Willebrand Factor in Quantitative Von Willebrand Disease. <i>Journal of Biological Chemistry</i> , 2011, 286, 24180-24188.	3.4	39
74	Human CD34+/KDR+ Cells Are Generated From Circulating CD34+ Cells After Immobilization on Activated Platelets. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 408-415.	2.4	39
75	Functional duplication of ligand-binding domains within low-density lipoprotein receptor-related protein for interaction with receptor associated protein, β 2-macroglobulin, factor IXa and factor VIII. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 714-722.	2.3	38
76	Diabetic Nephropathy Alters the Distribution of Circulating Angiogenic MicroRNAs Among Extracellular Vesicles, HDL, and Ago-2. <i>Diabetes</i> , 2019, 68, 2287-2300.	0.6	37
77	Hepatocyte-specific IKK β expression aggravates atherosclerosis development in APOE*3-Leiden mice. <i>Atherosclerosis</i> , 2012, 220, 362-368.	0.8	36
78	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.	3.5	36
79	The RNA-binding protein quaking maintains endothelial barrier function and affects VE-cadherin and β -catenin protein expression. <i>Scientific Reports</i> , 2016, 6, 21643.	3.3	35
80	Ebola Hemorrhagic Shock Syndrome-on-a-Chip. <i>IScience</i> , 2020, 23, 100765.	4.1	35
81	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, 901-909.	2.3	34
82	The Role of microRNA-126 in Vascular Homeostasis. <i>Current Vascular Pharmacology</i> , 2015, 13, 341-351.	1.7	33
83	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, 7423-7428.	3.4	31
84	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.	1.9	30
85	Heart failure with preserved ejection fraction in women: the Dutch Queen of Hearts program. <i>Netherlands Heart Journal</i> , 2015, 23, 89-93.	0.8	30
86	Modeling the combined effect of RNA-binding proteins and microRNAs in post-transcriptional regulation. <i>Nucleic Acids Research</i> , 2016, 44, e83-e83.	14.5	30
87	Elastin is a Key Regulator of Outward Remodeling in Arteriovenous Fistulas. <i>European Journal of Vascular and Endovascular Surgery</i> , 2015, 49, 480-486.	1.5	29
88	<i>In Vivo</i> Silencing of MicroRNA-132 Reduces Blood Glucose and Improves Insulin Secretion. <i>Nucleic Acid Therapeutics</i> , 2019, 29, 67-72.	3.6	28
89	Liposomal prednisolone inhibits vascular inflammation and enhances venous outward remodeling in a murine arteriovenous fistula model. <i>Scientific Reports</i> , 2016, 6, 30439.	3.3	27
90	TLR4 Accessory Molecule RP105 (CD180) Regulates Monocyte-Driven Arteriogenesis in a Murine Hind Limb Ischemia Model. <i>PLoS ONE</i> , 2014, 9, e99882.	2.5	26

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91	Endothelial progenitor cells: biology and therapeutic potential in hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2006, 15, 167-172.	2.0	25
92	Acute Rejection After Kidney Transplantation Associates With Circulating MicroRNAs and Vascular Injury. <i>Transplantation Direct</i> , 2017, 3, e174.	1.6	25
93	Small GTP-binding proteins in human endothelial cells. <i>British Journal of Haematology</i> , 1998, 103, 15-19.	2.5	24
94	Interaction Between Factor VIII and LDL Receptor-related Protein Modulation of Coagulation?. <i>Trends in Cardiovascular Medicine</i> , 2000, 10, 8-14.	4.9	24
95	Coupling eNOS Uncoupling to the Innate Immune Response. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2585-2587.	2.4	24
96	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, 4804.	4.1	24
97	Is endothelial progenitor cell dysfunction involved in altered angiogenic processes in patients with hypertension?. <i>Current Hypertension Reports</i> , 2004, 6, 51-54.	3.5	23
98	Circulating cells as predictors of secondary manifestations of cardiovascular disease: design of the CIRCULATING CELLS study. <i>Clinical Research in Cardiology</i> , 2013, 102, 847-856.	3.3	23
99	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.	2.5	23
100	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.	2.5	23
101	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.	2.7	22
102	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, 357-362.	2.4	21
103	Understanding netrins and semaphorins in mature endothelial cell biology. <i>Pharmacological Research</i> , 2018, 137, 1-10.	7.1	21
104	A novel method for engineering autologous non-thrombogenic in situ tissue-engineered blood vessels for arteriovenous grafting. <i>Biomaterials</i> , 2020, 229, 119577.	11.4	21
105	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, 418-428.	1.5	20
106	MicroRNA-132 controls water homeostasis through regulating MECP2-mediated vasopressin synthesis. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1129-F1138.	2.7	20
107	Ephs and Ephrins in Adult Endothelial Biology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5623.	4.1	20
108	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, 11770-11775.	3.4	19

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109	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.	3.4	19
110	Selection of peptides that bind to plasminogen activator inhibitor 1 (PAI-1) using random peptide phage-display libraries. <i>FEBS Letters</i> , 1998, 431, 170-174.	2.8	18
111	Increased cytokine response after toll-like receptor stimulation in patients with stable coronary artery disease. <i>Atherosclerosis</i> , 2013, 231, 346-351.	0.8	18
112	Recombinant human GH replacement increases CD34+ cells and improves endothelial function in adults with GH deficiency. <i>European Journal of Endocrinology</i> , 2008, 159, 105-111.	3.7	17
113	Proteases and Receptors in the Recruitment of Endothelial Progenitor Cells in Neovascularization. <i>European Cytokine Network</i> , 2009, 20, 207-219.	2.0	17
114	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, 1031-1036.	2.4	17
115	Deficiency of TLR4 homologue RP105 aggravates outward remodeling in a murine model of arteriovenous fistula failure. <i>Scientific Reports</i> , 2017, 7, 10269.	3.3	17
116	Netrin-1 and the Grade of Atherosclerosis Are Inversely Correlated in Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 462-472.	2.4	17
117	A Novel Murine Model of Arteriovenous Fistula Failure: The Surgical Procedure in Detail. <i>Journal of Visualized Experiments</i> , 2016, , e53294.	0.3	16
118	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.	6.8	16
119	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.	2.5	16
120	Metabolic response of blood vessels to TNF α . <i>ELife</i> , 2020, 9, .	6.0	15
121	Triploidy in <i>Gallus domesticus</i> embryos, hatchlings and adult intersex chickens. <i>Genetica</i> , 1984, 65, 83-87.	1.1	14
122	Erythropoietin, progenitors, and repair. <i>Kidney International</i> , 2007, 72, S16-S20.	5.2	14
123	Renal Ischemia-Reperfusion Induces Release of Angiopoietin-2 From Human Grafts of Living and Deceased Donors. <i>Transplantation</i> , 2013, 96, 282-289.	1.0	14
124	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, 853-858.	6.3	13
125	Circulating Endothelial Markers in Retinal Vasculopathy With Cerebral Leukoencephalopathy and Systemic Manifestations. <i>Stroke</i> , 2017, 48, 3301-3307.	2.0	13
126	miRNA-Coordinated Networks as Promising Therapeutic Targets for Acute Kidney Injury. <i>American Journal of Pathology</i> , 2017, 187, 20-24.	3.8	13

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127	Hypercholesterolemia affects cardiac function, infarct size and inflammation in APOE*3-Leiden mice following myocardial ischemia-reperfusion injury. PLoS ONE, 2019, 14, e0217582.	2.5	13
128	Standardized and Scalable Assay to Study Perfused 3D Angiogenic Sprouting of iPSC-derived Endothelial Cells In Vitro. Journal of Visualized Experiments, 2019, , .	0.3	13
129	Identification of Free Nitric Oxide Radicals in Rat Bone Marrow: Implications for Progenitor Cell Mobilization in Hypertension. PLoS ONE, 2013, 8, e57761.	2.5	12
130	Promoting Tropoelastin Expression in Arterial and Venous Vascular Smooth Muscle Cells and Fibroblasts for Vascular Tissue Engineering. Tissue Engineering - Part C: Methods, 2016, 22, 923-931.	2.1	12
131	Relaxin receptor deficiency promotes vascular inflammation and impairs outward remodeling in arteriovenous fistulas. FASEB Journal, 2018, 32, 6293-6304.	0.5	12
132	Sex-specific microRNAs in women with diabetes and left ventricular diastolic dysfunction or HFpEF associate with microvascular injury. Scientific Reports, 2020, 10, 13945.	3.3	12
133	MicroRNA-132 regulates salt-dependent steady-state renin levels in mice. Communications Biology, 2020, 3, 238.	4.4	12
134	EPH receptor B2 stimulates human monocyte adhesion and migration independently of its EphrinB ligands. Journal of Leukocyte Biology, 2020, 108, 999-1011.	3.3	12
135	Loss of Endothelial Glycocalyx Hyaluronan Impairs Endothelial Stability and Adaptive Vascular Remodeling after Arterial Ischemia. Cells, 2020, 9, 824.	4.1	12
136	Silencing of MiRNA-126 in Kidney Ischemia Reperfusion is Associated with Elevated SDF-1 Levels and Mobilization of Sca-1+/Lin- Progenitor Cells. MicroRNA (Sharjah, United Arab Emirates), 2015, 3, 144-149.	1.2	12
137	The identification and function of a Netrin-1 mutation in a pedigree with premature atherosclerosis. Atherosclerosis, 2020, 301, 84-92.	0.8	11
138	Endothelial Semaphorin 3F Maintains Endothelial Barrier Function and Inhibits Monocyte Migration. International Journal of Molecular Sciences, 2020, 21, 1471.	4.1	11
139	Circulating angiopoietin-2 and angiogenic microRNAs associate with cerebral small vessel disease and cognitive decline in older patients reaching end-stage renal disease. Nephrology Dialysis Transplantation, 2022, 37, 498-506.	0.7	11
140	Activated platelets correlate with mobilization of na ⁺ ve CD34+ cells and generation of CD34+ /KDR+ cells in the circulation. A meta-regression analysis. Journal of Thrombosis and Haemostasis, 2013, 11, 1583-1592.	3.8	10
141	Vascular Calcification and not Arrhythmia in Idiopathic Atrial Fibrillation Associates with Sex Differences in Diabetic Microvascular Injury miRNA Profiles. MicroRNA (Sharjah, United Arab) Tj ETQq1 1 0.784314.igBT /Overclock 10		
142	Contribution of bone marrow-derived cells to in situ engineered tissue capsules in a rat model of chronic kidney disease. Biomaterials, 2019, 194, 47-56.	11.4	10
143	Diabetic nephropathy alters circulating long noncoding RNA levels that normalize following simultaneous pancreas-kidney transplantation. American Journal of Transplantation, 2020, 20, 3451-3461.	4.7	10
144	Different circulating biomarkers in women and men with paroxysmal atrial fibrillation: results from the AF-RISK and RACE V studies. Europace, 2022, 24, 193-201.	1.7	10

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