Margreet de Vries

List of Publications by Year
in descending order

138	4,735	87723	123241
papers	citations	38 h-index	61 g-index

139	139	139	6262
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vein graft failure: from pathophysiology to clinical outcomes. Nature Reviews Cardiology, 2016, 13, 451-470.	6.1	220
2	Toll-Like Receptor 4 Is Involved in Outward Arterial Remodeling. Circulation, 2004, 109, 393-398.	1.6	187
3	Inhibition of 14q32 MicroRNAs miR-329, miR-487b, miR-494, and miR-495 Increases Neovascularization and Blood Flow Recovery After Ischemia. Circulation Research, 2014, 115, 696-708.	2.0	141
4	Natural Killer Cells and CD4 ⁺ T-Cells Modulate Collateral Artery Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2310-2318.	1.1	128
5	Antiâ€“MCP-1 Gene Therapy Inhibits Vascular Smooth Muscle Cells Proliferation and Attenuates Vein Graft Thickening Both In Vitro and In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2063-2069.	1.1	127
6	Plaque angiogenesis and intraplaque hemorrhage in atherosclerosis. European Journal of Pharmacology, 2017, 816, 107-115.	1.7	127
7	Inflammation induces endothelialâ€toâ€mesenchymal transition and promotes vascular calcification through downregulation of BMPR2. Journal of Pathology, 2019, 247, 333-346.	2.1	123
8	T-cell co-stimulation by CD28â€“CD80/86 and its negative regulator CTLA-4 strongly influence accelerated atherosclerosis development. International Journal of Cardiology, 2013, 168, 1965-1974.	0.8	101
9	Plaque angiogenesis and its relation to inflammation and atherosclerotic plaque destabilization. Current Opinion in Lipidology, 2016, 27, 499-506.	1.2	89
10	Quaking, an RNA-Binding Protein, Is a Critical Regulator of Vascular Smooth Muscle Cell Phenotype. Circulation Research, 2013, 113, 1065-1075.	2.0	86
11	MicroRNA-126 modulates endothelial SDF-1 expression and mobilization of Sca-1+/Linâ¯ progenitor cells in ischaemia. Cardiovascular Research, 2011, 92, 449-455.	1.8	85
12	Variations in Surgical Procedures for Hind Limb Ischaemia Mouse Models Result in differences in Collateral Formation. European Journal of Vascular and Endovascular Surgery, 2010, 40, 796-803.	0.8	84
13	Expression of Vascular Endothelial Growth Factor, Stromal Cell-Derived Factor-1, and CXCR4 in Human Limb Muscle With Acute and Chronic Ischemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1426-1432.	1.1	82
14	The isoenzyme of glutaminyl cyclase is an important regulator of monocyte infiltration under inflammatory conditions. EMBO Molecular Medicine, 2011, 3, 545-558.	3.3	78
15	Annexin A5 Therapy Attenuates Vascular Inflammation and Remodeling and Improves Endothelial Function in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 95-101.	1.1	74
16	Inflammation in Vein Graft Disease. Frontiers in Cardiovascular Medicine, 2018, 5, 3.	1.1	74
17	Tumor necrosis factorâ€± plays an important role in restenosis development. FASEB Journal, 2005, 19, 1998-2004.	0.2	73
18	Shear Stress Regulation of Endothelial Glycocalyx Structure Is Determined by Glucobiosynthesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 350-364.	1.1	71

#	Article	IF	Citations
19	Accelerated Atherosclerosis by Placement of a Perivascular Cuff and a Cholesterol-Rich Diet in ApoE*3Leiden Transgenic Mice. Circulation Research, 2000, 87, 248-253.	2.0	70
20	Activation of Nuclear Receptor Nur77 by 6-Mercaptopurine Protects Against Neointima Formation. Circulation, 2007, 115, 493-500.	1.6	68
21	Accelerated Atherosclerosis and Calcification in Vein Grafts. Circulation Research, 2002, 91, 577-584.	2.0	65
22	T cell co-stimulation and co-inhibition in cardiovascular disease: a double-edged sword. Nature Reviews Cardiology, 2019, 16, 325-343.	6.1	65
23	Local perivascular delivery of anti-restenotic agents from a drug-eluting poly(-caprolactone) stent cuff. Biomaterials, 2005, 26, 5386-5394.	5.7	64
24	Adenoviral Expression of a Urokinase Receptorâ€“Targeted Protease Inhibitor Inhibits Neointima Formation in Murine and Human Blood Vessels. Circulation, 2001, 103, 562-569.	1.6	63
25	Sirolimus and paclitaxel provoke different vascular pathological responses after local delivery in a murine model for restenosis on underlying atherosclerotic arteries. Heart, 2007, 93, 922-927.	1.2	61
26	Hypercholesterolemia Reduces Collateral Artery Growth More Dominantly Than Hyperglycemia or Insulin Resistance in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1383-1390.	1.1	60
27	Endothelial Barrier Function and Leukocyte Transmigration in Atherosclerosis. Biomedicines, 2021, 9, 328.	1.4	54
28	Lysine Acetyltransferase PCAF Is a Key Regulator of Arteriogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1902-1910.	1.1	53
29	Galectin-2 Induces a Proinflammatory, Anti-Arteriogenic Phenotype in Monocytes and Macrophages. PLoS ONE, 2015, 10, e0124347.	1.1	51
30	Complement factor C5a as mast cell activator mediates vascular remodelling in vein graft disease. Cardiovascular Research, 2013, 97, 311-320.	1.8	49
31	Inhibition of Complement Component C3 Reduces Vein Graft Atherosclerosis in Apolipoprotein E3â€“Leiden Transgenic Mice. Circulation, 2006, 114, 2831-2838.	1.6	45
32	Systemic MCP1/CCR2 blockade and leukocyte specific MCP1/CCR2 inhibition affect aortic aneurysm formation differently. Atherosclerosis, 2010, 211, 84-89.	0.4	45
33	Vascular remodeling and intimal hyperplasia in a novel murine model of arteriovenous fistula failure. Journal of Vascular Surgery, 2014, 59, 192-201.e1.	0.6	45
34	Disruption of circadian rhythm by alternating lightâ€dark cycles aggravates atherosclerosis development in APOE*3â€Leiden.CETP mice. Journal of Pineal Research, 2020, 68, e12614.	3.4	45
35	Galectin-2 expression is dependent on the rs7291467 polymorphism and acts as an inhibitor of arteriogenesis. European Heart Journal, 2012, 33, 1076-1084.	1.0	44
36	Blockade of vascular endothelial growth factor receptor 2 inhibits intraplaque haemorrhage by normalization of plaque neovessels. Journal of Internal Medicine, 2019, 285, 59-74.	2.7	42

#	Article	IF	Citations
37	Molecular Imaging of Bone Marrow Mononuclear Cell Survival and Homing in Murine Peripheral Artery Disease. JACC: Cardiovascular Imaging, 2012, 5, 46-55.	2.3	41
38	Plaque Rupture Complications in Murine Atherosclerotic Vein Grafts Can Be Prevented by TIMP-1 Overexpression. PLoS ONE, 2012, 7, e47134.	1.1	41
39	Variations in Surgical Procedures for Inducing Hind Limb Ischemia in Mice and the Impact of These Variations on Neovascularization Assessment. International Journal of Molecular Sciences, 2019, 20, 3704.	1.8	41
40	Adenoviral Activin A Expression Prevents Intimal Hyperplasia in Human and Murine Blood Vessels by Maintaining the Contractile Smooth Muscle Cell Phenotype. Circulation Research, 2002, 90, 1128-1134.	2.0	40
41	Inhibition of MicroRNA-494 Reduces Carotid Artery Atherosclerotic Lesion Development and Increases Plaque Stability. Annals of Surgery, 2015, 262, 841-848.	2.1	39
42	Akkermansia muciniphila Exerts Lipidâ€Lowering and Immunomodulatory Effects without Affecting Neointima Formation in Hyperlipidemic APOE*3â€Leiden.CETP Mice. Molecular Nutrition and Food Research, 2020, 64, e1900732.	1.5	39
43	The effect of interleukin-10 knock-out and overexpression on neointima formation in hypercholesterolemic APOE*3-Leiden mice. Atherosclerosis, 2007, 193, 335-342.	0.4	38
44	Shear induced collateral artery growth modulated by endoglin but not by <scp>ALK1</scp>. Journal of Cellular and Molecular Medicine, 2012, 16, 2440-2450.	1.6	38
45	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. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1033-1040.	1.1	37
46	Blocking Toll-Like Receptors 7 and 9 Reduces Postinterventional Remodeling via Reduced Macrophage Activation, Foam Cell Formation, and Migration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, e72-80.	1.1	37
47	Inhibition of 14q32 microRNA miR-495 reduces lesion formation, intimal hyperplasia and plasma cholesterol levels in experimental restenosis. Atherosclerosis, 2017, 261, 26-36.	0.4	37
48	Gene Transfer of the Urokinase-Type Plasminogen Activator Receptor-Targeted Matrix Metalloproteinase Inhibitor TIMP-1.ATF Suppresses Neointima Formation More Efficiently Than Tissue Inhibitor of Metalloproteinase-1. Circulation Research, 2002, 91, 945-952.	2.0	36
49	Complement factor C5a induces atherosclerotic plaque disruptions. Journal of Cellular and Molecular Medicine, 2014, 18, 2020-2030.	1.6	36
50	Local lentiviral short hairpin RNA silencing of CCR2 inhibits vein graft thickening in hypercholesterolemic apolipoprotein E3-Leiden mice. Journal of Vascular Surgery, 2009, 50, 152-160.	0.6	35
51	High-throughput identification of small molecules that affect human embryonic vascular development. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3022-E3031.	3.3	35
52	Inhibition of Accelerated Atherosclerosis in Vein Grafts by Placement of External Stent in ApoE*3-Leiden Transgenic Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1433-1438.	1.1	34
53	Adenosine-to-Inosine Editing of Vasoactive MicroRNAs Alters Their Targetome and Function in Ischemia. Molecular Therapy - Nucleic Acids, 2020, 21, 932-953.	2.3	34
54	The epigenetic factor PCAF regulates vascular inflammation and is essential for intimal hyperplasia development. PLoS ONE, 2017, 12, e0185820.	1.1	32

#	Article	IF	Citations
55	A small molecule approach to engineering vascularized tissue. Biomaterials, 2013, 34, 3053-3063.	5.7	31
56	Short Hairpin RNA Gene Silencing of Prolyl Hydroxylase-2 with a Minicircle Vector Improves Neovascularization of Hindlimb Ischemia. Human Gene Therapy, 2014, 25, 41-49.	1.4	31
57	CCR7â€CCL19/CCL21 Axis is Essential for Effective Arteriogenesis in a Murine Model of Hindlimb Ischemia. Journal of the American Heart Association, 2017, 6, .	1.6	31
58	Annexin A5 reduces infarct size and improves cardiac function after myocardial ischemia-reperfusion injury by suppression of the cardiac inflammatory response. Scientific Reports, 2018, 8, 6753.	1.6	31
59	In vivo suppression of restenosis in balloon-injured rat carotid artery by adenovirus-mediated gene transfer of the cell surface-directed plasmin inhibitor ATF.BPTI. Gene Therapy, 2001, 8, 534-541.	2.3	30
60	Short-term preoperative protein restriction attenuates vein graft disease via induction of cystathionine Î³-lyase. Cardiovascular Research, 2020, 116, 416-428.	1.8	30
61	Human CD46-transgenic mice in studies involving replication-incompetent adenoviral type 35 vectors. Journal of General Virology, 2006, 87, 255-265.	1.3	29
62	6-Mercaptopurine Inhibits Atherosclerosis in Apolipoprotein E*3-Leiden Transgenic Mice Through Atheroprotective Actions on Monocytes and Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1591-1597.	1.1	29
63	Elastin is a Key Regulator of Outward Remodeling in Arteriovenous Fistulas. European Journal of Vascular and Endovascular Surgery, 2015, 49, 480-486.	0.8	29
64	Liposomal prednisolone inhibits vascular inflammation and enhances venous outward remodeling in a murine arteriovenous fistula model. Scientific Reports, 2016, 6, 30439.	1.6	27
65	Short-term dexamethasone treatment inhibits vein graft thickening in hypercholesterolemic ApoE3Leiden transgenic mice. Journal of Vascular Surgery, 2006, 43, 809-815.	0.6	26
66	TLR4 Accessory Molecule RP105 (CD180) Regulates Monocyte-Driven Arteriogenesis in a Murine Hind Limb Ischemia Model. PLoS ONE, 2014, 9, e99882.	1.1	26
67	Flow Cytometry-Based Characterization of Mast Cells in Human Atherosclerosis. Cells, 2019, 8, 334.	1.8	26
68	RP105 deficiency attenuates early atherosclerosis via decreased monocyte influx in a CCR2 dependent manner. Atherosclerosis, 2015, 238, 132-139.	0.4	25
69	Genetic associations and regulation of expression indicate an independent role for 14q32 snoRNAs in human cardiovascular disease. Cardiovascular Research, 2019, 115, 1519-1532.	1.8	25
70	Histopathologic alterations following local delivery of dexamethasone to inhibit restenosis in murine arteries. Cardiovascular Research, 2005, 68, 415-424.	1.8	23
71	TLR Accessory Molecule RP105 (CD180) Is Involved in Post-Interventional Vascular Remodeling and Soluble RP105 Modulates Neointima Formation. PLoS ONE, 2013, 8, e67923.	1.1	23
72	Annexin A5 prevents post-interventional accelerated atherosclerosis development in a dose-dependent fashion in mice. Atherosclerosis, 2012, 221, 333-340.	0.4	22

#	Article	IF	Citations
73	An Unexpected Intriguing Effect of Toll-Like Receptor Regulator RP105 (CD180) on Atherosclerosis Formation With Alterations on B-Cell Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2810-2817.	1.1	22
74	miRMap: Profiling 14q32 microRNA Expression and DNA Methylation Throughout the Human Vasculature. Frontiers in Cardiovascular Medicine, 2019, 6, 113.	1.1	22
75	Local Mast Cell Activation Promotes Neovascularization. Cells, 2020, 9, 701.	1.8	22
76	Prolonged In Vivo Gene Silencing by Electroporation-Mediated Plasmid Delivery of Small Interfering RNA. Human Gene Therapy, 2007, 18, 861-869.	1.4	21
77	RP105 deficiency aggravates cardiac dysfunction after myocardial infarction in mice. International Journal of Cardiology, 2014, 176, 788-793.	0.8	21
78	In vivo suppression of vein graft disease by nonviral, electroporation-mediated, gene transfer of tissue inhibitor of metalloproteinase-1 linked to the amino terminal fragment of urokinase (TIMP-1.ATF), a cell-surface directed matrix metalloproteinase inhibitor. Journal of Vascular Surgery, 2010, 51, 429-437.	0.6	20
79	bFGF blockade reduces intraplaque angiogenesis and macrophage infiltration in atherosclerotic vein graft lesions in ApoE3*Leiden mice. Scientific Reports, 2020, 10, 15968.	1.6	20
80	Inhibition of neointima formation by local delivery of estrogen receptor alpha and beta specific agonists. Cardiovascular Research, 2007, 73, 217-226.	1.8	19
81	A novel urokinase receptor-targeted inhibitor for plasmin and matrix metalloproteinases suppresses vein graft disease. Cardiovascular Research, 2010, 88, 367-375.	1.8	19
82	Genetic variation in PCAF, a key mediator in epigenetics, is associated with reduced vascular morbidity and mortality: evidence for a new concept from three independent prospective studies. Heart, 2011, 97, 143-150.	1.2	18
83	Deficiency of the TLR4 analogue RP105 aggravates vein graft disease by inducing a pro-inflammatory response. Scientific Reports, 2016, 6, 24248.	1.6	18
84	Inhibition of Mef2a Enhances Neovascularization via Post-transcriptional Regulation of 14q32 MicroRNAs miR-329 and miR-494. Molecular Therapy - Nucleic Acids, 2017, 7, 61-70.	2.3	18
85	Deficiency of TLR4 homologue RP105 aggravates outward remodeling in a murine model of arteriovenous fistula failure. Scientific Reports, 2017, 7, 10269.	1.6	17
86	The Intriguing Role of TLR Accessory Molecules in Cardiovascular Health and Disease. Frontiers in Cardiovascular Medicine, 2022, 9, 820962.	1.1	17
87	A Novel Murine Model of Arteriovenous Fistula Failure: The Surgical Procedure in Detail. Journal of Visualized Experiments, 2016, , e53294.	0.2	16
88	The role of CD27-CD70-mediated T cell co-stimulation in vasculogenesis, arteriogenesis and angiogenesis. International Journal of Cardiology, 2018, 260, 184-190.	0.8	16
89	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. PLoS ONE, 2013, 8, e61923.	1.1	16
90	C57BL/6 NK cell gene complex is crucially involved in vascular remodeling. Journal of Molecular and Cellular Cardiology, 2013, 64, 51-58.	0.9	15

#	Article	IF	Citations
91	The Prebiotic Inulin Aggravates Accelerated Atherosclerosis in Hypercholesterolemic APOE*3-Leiden Mice. Nutrients, 2018, 10, 172.	1.7	14
92	IRF3 and IRF7 mediate neovascularization via inflammatory cytokines. Journal of Cellular and Molecular Medicine, 2019, 23, 3888-3896.	1.6	14
93	The Role of Immunomodulation in Vein Graft Remodeling and Failure. Journal of Cardiovascular Translational Research, 2021, 14, 100-109.	1.1	14
94	Heatâ€killed Staphylococcus aureus reduces atherosclerosis by inducing antiâ€inflammatory macrophages. Journal of Internal Medicine, 2016, 279, 592-605.	2.7	13
95	von Willebrand factor deficiency leads to impaired blood flow recovery after ischaemia in mice. Thrombosis and Haemostasis, 2017, 117, 1412-1419.	1.8	13
96	Periprocedural Hydrogen Sulfide Therapy Improves Vascular Remodeling and Attenuates Vein Graft Disease. Journal of the American Heart Association, 2020, 9, e016391.	1.6	13
97	Relaxin receptor deficiency promotes vascular inflammation and impairs outward remodeling in arteriovenous fistulas. FASEB Journal, 2018, 32, 6293-6304.	0.2	12
98	Loss of Endothelial Glycocalyx Hyaluronan Impairs Endothelial Stability and Adaptive Vascular Remodeling after Arterial Ischemia. Cells, 2020, 9, 824.	1.8	12
99	Identification of IgG1 isotype phosphorylcholine antibodies for the treatment of inflammatory cardiovascular diseases. Journal of Internal Medicine, 2021, 290, 141-156.	2.7	12
100	Adenoviral delivery of a constitutively active retinoblastoma mutant inhibits neointima formation in a human explant model for vein graft disease. Vascular Pharmacology, 2002, 39, 293-301.	1.0	11
101	C1-esterase inhibitor protects against early vein graft remodeling under arterial blood pressure. Atherosclerosis, 2012, 220, 86-92.	0.4	11
102	A protective role of <scp>IRF</scp>3 and <scp>IRF</scp>7 signalling downstream <scp>TLR</scp>s in the development of vein graft disease via type I interferons. Journal of Internal Medicine, 2017, 282, 522-536.	2.7	11
103	Myostatin Inhibits Vascular Smooth Muscle Cell Proliferation and Local 14q32 microRNA Expression, But Not Systemic Inflammation or Restenosis. International Journal of Molecular Sciences, 2020, 21, 3508.	1.8	11
104	Atorvastatin pleiotropically decreases intraplaque angiogenesis and intraplaque haemorrhage by inhibiting ANGPT2 release and VE-Cadherin internalization. Angiogenesis, 2021, 24, 567-581.	3.7	11
105	PFKFB3 gene deletion in endothelial cells inhibits intraplaque angiogenesis and lesion formation in a murine model of venous bypass grafting. Angiogenesis, 2022, 25, 129-143.	3.7	11
106	Endoglin/CD105-Based Imaging of Cancer and Cardiovascular Diseases: A Systematic Review. International Journal of Molecular Sciences, 2021, 22, 4804.	1.8	10
107	Therapeutic Antibody Against Phosphorylcholine Preserves Coronary Function and Attenuates Vascular 18F-FDG Uptake in Atherosclerotic Mice. JACC Basic To Translational Science, 2020, 5, 360-373.	1.9	9
108	Prolonged Hyperoxygenation Treatment Improves Vein Graft Patency and Decreases Macrophage Content in Atherosclerotic Lesions in ApoE3*Leiden Mice. Cells, 2020, 9, 336.	1.8	9

#	Article	IF	Citations
109	Cell-Based Tracers as Trojan Horses for Image-Guided Surgery. International Journal of Molecular Sciences, 2021, 22, 755.	1.8	9
110	The protective role of Toll-like receptor 3 and type-I interferons in the pathophysiology of vein graft disease. Journal of Molecular and Cellular Cardiology, 2018, 121, 16-24.	0.9	8
111	Phosphorylcholine Antibodies Preserve Cardiac Function and Reduce Infarct Size by Attenuating the Post-Ischemic Inflammatory Response. JACC Basic To Translational Science, 2020, 5, 1228-1239.	1.9	8
112	Interfering in the ALK1 Pathway Results in Macrophage-Driven Outward Remodeling of Murine Vein Grafts. Frontiers in Cardiovascular Medicine, 2021, 8, 784980.	1.1	7
113	Extracellular vesicles enriched with an endothelial cell pro-survival microRNA affects skin tissue regeneration. Molecular Therapy - Nucleic Acids, 2022, 28, 307-327.	2.3	7
114	Three-Dimensional Imaging of Intraplaque Neovascularization in a Mouse Model of Advanced Atherosclerosis. Journal of Vascular Research, 2020, 57, 348-354.	0.6	6
115	Assessment of Microvessel Permeability in Murine Atherosclerotic Vein Grafts Using Two-Photon Intravital Microscopy. International Journal of Molecular Sciences, 2020, 21, 9244.	1.8	5
116	Phosphorylcholine antibodies restrict infarct size and left ventricular remodelling by attenuating the unreperfused postâ€ischaemic inflammatory response. Journal of Cellular and Molecular Medicine, 2021, 25, 7772-7782.	1.6	5
117	Inhibition of intimal hyperplasia by the tetracycline derived mmp inhibitor doxycycline in vein graft disease in vitro and in vivo. EuroIntervention, 2005, 1, 236-43.	1.4	5
118	P300/CBP Associated Factor (PCAF) Deficiency Enhances Diet-Induced Atherosclerosis in ApoE3*Leiden Mice via Systemic Inhibition of Regulatory T Cells. Frontiers in Cardiovascular Medicine, 2020, 7, 604821.	1.1	4
119	Cold-Inducible RNA-Binding Protein but Not Its Antisense lncRNA Is a Direct Negative Regulator of Angiogenesis In Vitro and In Vivo via Regulation of the 14q32 angiomiRsâ€"microRNA-329-3p and microRNA-495-3p. International Journal of Molecular Sciences, 2021, 22, 12678.	1.8	4
120	Short-Term Pre-Operative Protein Caloric Restriction in Elective Vascular Surgery Patients: A Randomized Clinical Trial. Nutrients, 2021, 13, 4024.	1.7	4
121	CD8+ T Cells Protect During Vein Graft Disease Development. Frontiers in Cardiovascular Medicine, 2019, 6, 77.	1.1	3
122	Bis(maltolato)oxovanadium(IV) Induces Angiogenesis via Phosphorylation of VEGFR2. International Journal of Molecular Sciences, 2020, 21, 4643.	1.8	3
123	Toll-like Receptor 4 Inhibitor TAK-242 Treatment Does Not Influence Perfusion Recovery in Tissue Ischemia. Journal of Cardiovascular Pharmacology, 2014, 63, 16-22.	0.8	2
124	BMP Receptor Inhibition Enhances Tissue Repair in Endoglin Heterozygous Mice. International Journal of Molecular Sciences, 2021, 22, 2010.	1.8	2
125	P188Co-stimulation dependent CD8 T cell activation protects vein graft disease. Cardiovascular Research, 2018, 114, S50-S50.	1.8	1
126	Abstract 642: Vascular Endothelial Growth Factor Receptor 2 Blockade in Murine Vein Graft Ameliorates Lesion Growth and Enhances Plaque Stability by Reducing Intraplaque Hemorrhage. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	1.1	1

#	Article	IF	Citations
127	Spontaneous plaque disruptions, dissection, erosion and intraplaque hemorrhage in murine vein grafts can be attenuated by TIMP-1 overexpression. Vascular Pharmacology, 2012, 56, 341-342.	1.0	0
128	PS210. Inhibition of VEGFR2 Reduces Angiogenic Microvessel Leakiness in Murine Vein Graft Atherosclerotic Lesions and Increased Plaque Stability. Journal of Vascular Surgery, 2014, 59, 83S-84S.	0.6	0
129	Early animal model evaluation of an implantable contrast agent to enhance magnetic resonance imaging of arterial bypass vein grafts. Acta Radiologica, 2018, 59, 1074-1081.	0.5	0
130	Short-Term Methionine Restriction Limits the Arterial Intimal Hyperplastic Response. Journal of the American College of Surgeons, 2018, 227, S296.	0.2	0
131	P153More on noncoding RNAs: genetic associations, regulation of expression and in vitro studies show an independent role for small nucleolar RNAs in cardiovascular disease. Cardiovascular Research, 2018, 114, S40-S40.	1.8	0
132	Vein Graft Disease is Prevented by Toll-like Receptor 3 Via Type-I Interferon Induced Decrease of Inflammatory Responses. European Journal of Vascular and Endovascular Surgery, 2018, 56, e13.	0.8	0
133	P177Inflammation-induced EndMT facilitates BMP-9-mediated vascular calcification in a BMP type II receptor (BMPR2) dependent manner. Cardiovascular Research, 2018, 114, S47-S47.	1.8	0
134	P515Phosphorylcholine antibodies preserve cardiac function and reduce infarct size by attenuation of the inflammatory response following myocardial ischemia-reperfusion injury. Cardiovascular Research, 2018, 114, S125-S126.	1.8	0
135	Innate Immunity and Vein Graft Disease. , 2016, , 309-316.		0
136	Abstract 337: Short-Term Protein Restriction Attenuates Vein Graft Disease by Inhibition of Endothelial Cell Damage and Upregulates Cystathionine-g-Lyase. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	1.1	0
137	Abstract 370: Interferon Regulatory Factors 3 and 7 Regulate Vein Graft Remodeling and Vascular Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	1.1	0
138	Abstract 412: Radio Protective P105 Deficiency Aggravates Vein Graft Disease And Lesion Instability via Increased Inflammatory Responses. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	1.1	0