

# Margreet de Vries

## List of Publications by Year in descending order

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138  
papers

4,735  
citations

87843

38  
h-index

123376

61  
g-index

139  
all docs

139  
docs citations

139  
times ranked

6262  
citing authors

#	ARTICLE	IF	CITATIONS
1	PFKFB3 gene deletion in endothelial cells inhibits intraplaque angiogenesis and lesion formation in a murine model of venous bypass grafting. <i>Angiogenesis</i> , 2022, 25, 129-143.	3.7	11
2	The Intriguing Role of TLR Accessory Molecules in Cardiovascular Health and Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 820962.	1.1	17
3	Extracellular vesicles enriched with an endothelial cell pro-survival microRNA affects skin tissue regeneration. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 307-327.	2.3	7
4	The Role of Immunomodulation in Vein Graft Remodeling and Failure. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 100-109.	1.1	14
5	Identification of IgG1 isotype phosphorylcholine antibodies for the treatment of inflammatory cardiovascular diseases. <i>Journal of Internal Medicine</i> , 2021, 290, 141-156.	2.7	12
6	Cell-Based Tracers as Trojan Horses for Image-Guided Surgery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 755.	1.8	9
7	Atorvastatin pleiotropically decreases intraplaque angiogenesis and intraplaque haemorrhage by inhibiting ANGPT2 release and VE-Cadherin internalization. <i>Angiogenesis</i> , 2021, 24, 567-581.	3.7	11
8	BMP Receptor Inhibition Enhances Tissue Repair in Endoglin Heterozygous Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2010.	1.8	2
9	Endothelial Barrier Function and Leukocyte Transmigration in Atherosclerosis. <i>Biomedicines</i> , 2021, 9, 328.	1.4	54
10	Endoglin/CD105-Based Imaging of Cancer and Cardiovascular Diseases: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4804.	1.8	10
11	Phosphorylcholine antibodies restrict infarct size and left ventricular remodelling by attenuating the unperfused post-ischaemic inflammatory response. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7772-7782.	1.6	5
12	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 angiomiRs miR-329-3p and miR-495-3p. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12678.	1.8	4
13	Short-Term Pre-Operative Protein Caloric Restriction in Elective Vascular Surgery Patients: A Randomized Clinical Trial. <i>Nutrients</i> , 2021, 13, 4024.	1.7	4
14	Interfering in the ALK1 Pathway Results in Macrophage-Driven Outward Remodeling of Murine Vein Grafts. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 784980.	1.1	7
15	Short-term preoperative protein restriction attenuates vein graft disease via induction of cystathionine $\beta$ -lyase. <i>Cardiovascular Research</i> , 2020, 116, 416-428.	1.8	30
16	<i>Akkermansia muciniphila</i> Exerts Lipid-Lowering and Immunomodulatory Effects without Affecting Neointima Formation in Hyperlipidemic APOE <sup>-/-</sup> Leiden.CETP Mice. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1900732.	1.5	39
17	Disruption of circadian rhythm by alternating light-dark cycles aggravates atherosclerosis development in APOE <sup>-/-</sup> Leiden.CETP mice. <i>Journal of Pineal Research</i> , 2020, 68, e12614.	3.4	45
18	Shear Stress Regulation of Endothelial Glycocalyx Structure Is Determined by Glucobiosynthesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 350-364.	1.1	71

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19	Adenosine-to-Inosine Editing of Vasoactive MicroRNAs Alters Their Targetome and Function in Ischemia. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 21, 932-953.	2.3	34
20	bFGF blockade reduces intraplaque angiogenesis and macrophage infiltration in atherosclerotic vein graft lesions in ApoE3*Leiden mice. <i>Scientific Reports</i> , 2020, 10, 15968.	1.6	20
21	Assessment of Microvessel Permeability in Murine Atherosclerotic Vein Grafts Using Two-Photon Intravital Microscopy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9244.	1.8	5
22	Periprocedural Hydrogen Sulfide Therapy Improves Vascular Remodeling and Attenuates Vein Graft Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e016391.	1.6	13
23	Myostatin Inhibits Vascular Smooth Muscle Cell Proliferation and Local 14q32 microRNA Expression, But Not Systemic Inflammation or Restenosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3508.	1.8	11
24	Local Mast Cell Activation Promotes Neovascularization. <i>Cells</i> , 2020, 9, 701.	1.8	22
25	Therapeutic Antibody Against Phosphorylcholine Preserves Coronary Function and Attenuates Vascular 18F-FDG Uptake in Atherosclerotic Mice. <i>JACC Basic To Translational Science</i> , 2020, 5, 360-373.	1.9	9
26	Three-Dimensional Imaging of Intraplaque Neovascularization in a Mouse Model of Advanced Atherosclerosis. <i>Journal of Vascular Research</i> , 2020, 57, 348-354.	0.6	6
27	Bis(maltolato)oxovanadium(IV) Induces Angiogenesis via Phosphorylation of VEGFR2. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4643.	1.8	3
28	Prolonged Hyperoxygenation Treatment Improves Vein Graft Patency and Decreases Macrophage Content in Atherosclerotic Lesions in ApoE3*Leiden Mice. <i>Cells</i> , 2020, 9, 336.	1.8	9
29	Loss of Endothelial Glycocalyx Hyaluronan Impairs Endothelial Stability and Adaptive Vascular Remodeling after Arterial Ischemia. <i>Cells</i> , 2020, 9, 824.	1.8	12
30	P300/CBP Associated Factor (PCAF) Deficiency Enhances Diet-Induced Atherosclerosis in ApoE3*Leiden Mice via Systemic Inhibition of Regulatory T Cells. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 604821.	1.1	4
31	Phosphorylcholine Antibodies Preserve Cardiac Function and Reduce Infarct Size by Attenuating the Post-Ischemic Inflammatory Response. <i>JACC Basic To Translational Science</i> , 2020, 5, 1228-1239.	1.9	8
32	Blockade of vascular endothelial growth factor receptor 2 inhibits intraplaque haemorrhage by normalization of plaque neovessels. <i>Journal of Internal Medicine</i> , 2019, 285, 59-74.	2.7	42
33	miRMap: Profiling 14q32 microRNA Expression and DNA Methylation Throughout the Human Vasculature. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 113.	1.1	22
34	Variations in Surgical Procedures for Inducing Hind Limb Ischemia in Mice and the Impact of These Variations on Neovascularization Assessment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3704.	1.8	41
35	CD8+ T Cells Protect During Vein Graft Disease Development. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 77.	1.1	3
36	Flow Cytometry-Based Characterization of Mast Cells in Human Atherosclerosis. <i>Cells</i> , 2019, 8, 334.	1.8	26

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37	IRF3 and IRF7 mediate neovascularization via inflammatory cytokines. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3888-3896.	1.6	14
38	T cell co-stimulation and co-inhibition in cardiovascular disease: a double-edged sword. <i>Nature Reviews Cardiology</i> , 2019, 16, 325-343.	6.1	65
39	Genetic associations and regulation of expression indicate an independent role for 14q32 snoRNAs in human cardiovascular disease. <i>Cardiovascular Research</i> , 2019, 115, 1519-1532.	1.8	25
40	Inflammation induces endothelial-to-mesenchymal transition and promotes vascular calcification through downregulation of BMPR2. <i>Journal of Pathology</i> , 2019, 247, 333-346.	2.1	123
41	The role of CD27-CD70-mediated T cell co-stimulation in vasculogenesis, arteriogenesis and angiogenesis. <i>International Journal of Cardiology</i> , 2018, 260, 184-190.	0.8	16
42	Early animal model evaluation of an implantable contrast agent to enhance magnetic resonance imaging of arterial bypass vein grafts. <i>Acta Radiologica</i> , 2018, 59, 1074-1081.	0.5	0
43	Annexin A5 reduces infarct size and improves cardiac function after myocardial ischemia-reperfusion injury by suppression of the cardiac inflammatory response. <i>Scientific Reports</i> , 2018, 8, 6753.	1.6	31
44	Short-Term Methionine Restriction Limits the Arterial Intimal Hyperplastic Response. <i>Journal of the American College of Surgeons</i> , 2018, 227, S296.	0.2	0
45	P188Co-stimulation dependent CD8 T cell activation protects vein graft disease. <i>Cardiovascular Research</i> , 2018, 114, S50-S50.	1.8	1
46	P153More on noncoding RNAs: genetic associations, regulation of expression and in vitro studies show an independent role for small nucleolar RNAs in cardiovascular disease. <i>Cardiovascular Research</i> , 2018, 114, S40-S40.	1.8	0
47	Vein Graft Disease is Prevented by Toll-like Receptor 3 Via Type-I Interferon Induced Decrease of Inflammatory Responses. <i>European Journal of Vascular and Endovascular Surgery</i> , 2018, 56, e13.	0.8	0
48	P177Inflammation-induced EndMT facilitates BMP-9-mediated vascular calcification in a BMP type II receptor (BMPR2) dependent manner. <i>Cardiovascular Research</i> , 2018, 114, S47-S47.	1.8	0
49	P515Phosphorylcholine antibodies preserve cardiac function and reduce infarct size by attenuation of the inflammatory response following myocardial ischemia-reperfusion injury. <i>Cardiovascular Research</i> , 2018, 114, S125-S126.	1.8	0
50	Relaxin receptor deficiency promotes vascular inflammation and impairs outward remodeling in arteriovenous fistulas. <i>FASEB Journal</i> , 2018, 32, 6293-6304.	0.2	12
51	Inflammation in Vein Graft Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 3.	1.1	74
52	The Prebiotic Inulin Aggravates Accelerated Atherosclerosis in Hypercholesterolemic APOE*3-Leiden Mice. <i>Nutrients</i> , 2018, 10, 172.	1.7	14
53	The protective role of Toll-like receptor 3 and type-I interferons in the pathophysiology of vein graft disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 121, 16-24.	0.9	8
54	Abstract 337: Short-Term Protein Restriction Attenuates Vein Graft Disease by Inhibition of Endothelial Cell Damage and Upregulates Cystathionine-g-Lyase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	1.1	0

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55	Inhibition of 14q32 microRNA miR-495 reduces lesion formation, intimal hyperplasia and plasma cholesterol levels in experimental restenosis. <i>Atherosclerosis</i> , 2017, 261, 26-36.	0.4	37
56	Plaque angiogenesis and intraplaque hemorrhage in atherosclerosis. <i>European Journal of Pharmacology</i> , 2017, 816, 107-115.	1.7	127
57	Inhibition of Mef2a Enhances Neovascularization via Post-transcriptional Regulation of 14q32 MicroRNAs miR-329 and miR-494. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 7, 61-70.	2.3	18
58	High-throughput identification of small molecules that affect human embryonic vascular development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3022-E3031.	3.3	35
59	CCR7&CCL19/CCL21 Axis is Essential for Effective Arteriogenesis in a Murine Model of Hindlimb Ischemia. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	31
60	Deficiency of TLR4 homologue RP105 aggravates outward remodeling in a murine model of arteriovenous fistula failure. <i>Scientific Reports</i> , 2017, 7, 10269.	1.6	17
61	A protective role of <sc>IRF</sc>3 and <sc>IRF</sc>7 signalling downstream <sc>TLR</sc>s in the development of vein graft disease via type I interferons. <i>Journal of Internal Medicine</i> , 2017, 282, 522-536.	2.7	11
62	von Willebrand factor deficiency leads to impaired blood flow recovery after ischaemia in mice. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1412-1419.	1.8	13
63	The epigenetic factor PCAF regulates vascular inflammation and is essential for intimal hyperplasia development. <i>PLoS ONE</i> , 2017, 12, e0185820.	1.1	32
64	Heat&Ckilled <i>Staphylococcus aureus</i> reduces atherosclerosis by inducing anti&Cinflammatory macrophages. <i>Journal of Internal Medicine</i> , 2016, 279, 592-605.	2.7	13
65	Deficiency of the TLR4 analogue RP105 aggravates vein graft disease by inducing a pro-inflammatory response. <i>Scientific Reports</i> , 2016, 6, 24248.	1.6	18
66	Liposomal prednisolone inhibits vascular inflammation and enhances venous outward remodeling in a murine arteriovenous fistula model. <i>Scientific Reports</i> , 2016, 6, 30439.	1.6	27
67	Vein graft failure: from pathophysiology to clinical outcomes. <i>Nature Reviews Cardiology</i> , 2016, 13, 451-470.	6.1	220
68	A Novel Murine Model of Arteriovenous Fistula Failure: The Surgical Procedure in Detail. <i>Journal of Visualized Experiments</i> , 2016, , e53294.	0.2	16
69	Plaque angiogenesis and its relation to inflammation and atherosclerotic plaque destabilization. <i>Current Opinion in Lipidology</i> , 2016, 27, 499-506.	1.2	89
70	Innate Immunity and Vein Graft Disease. , 2016, , 309-316.		0
71	Inhibition of MicroRNA-494 Reduces Carotid Artery Atherosclerotic Lesion Development and Increases Plaque Stability. <i>Annals of Surgery</i> , 2015, 262, 841-848.	2.1	39
72	Elastin is a Key Regulator of Outward Remodeling in Arteriovenous Fistulas. <i>European Journal of Vascular and Endovascular Surgery</i> , 2015, 49, 480-486.	0.8	29

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73	RP105 deficiency attenuates early atherosclerosis via decreased monocyte influx in a CCR2 dependent manner. <i>Atherosclerosis</i> , 2015, 238, 132-139.	0.4	25
74	Galectin-2 Induces a Proinflammatory, Anti-Arteriogenic Phenotype in Monocytes and Macrophages. <i>PLoS ONE</i> , 2015, 10, e0124347.	1.1	51
75	Abstract 412: Radio Protective P105 Deficiency Aggravates Vein Graft Disease And Lesion Instability via Increased Inflammatory Responses. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	1.1	0
76	TLR4 Accessory Molecule RP105 (CD180) Regulates Monocyte-Driven Arteriogenesis in a Murine Hind Limb Ischemia Model. <i>PLoS ONE</i> , 2014, 9, e99882.	1.1	26
77	Complement factor C5a induces atherosclerotic plaque disruptions. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 2020-2030.	1.6	36
78	Toll-like Receptor 4 Inhibitor TAK-242 Treatment Does Not Influence Perfusion Recovery in Tissue Ischemia. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 63, 16-22.	0.8	2
79	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.	0.6	45
80	Inhibition of 14q32 MicroRNAs miR-329, miR-487b, miR-494, and miR-495 Increases Neovascularization and Blood Flow Recovery After Ischemia. <i>Circulation Research</i> , 2014, 115, 696-708.	2.0	141
81	Short Hairpin RNA Gene Silencing of Prolyl Hydroxylase-2 with a Minicircle Vector Improves Neovascularization of Hindlimb Ischemia. <i>Human Gene Therapy</i> , 2014, 25, 41-49.	1.4	31
82	RP105 deficiency aggravates cardiac dysfunction after myocardial infarction in mice. <i>International Journal of Cardiology</i> , 2014, 176, 788-793.	0.8	21
83	PS210. Inhibition of VEGFR2 Reduces Angiogenic Microvessel Leakiness in Murine Vein Graft Atherosclerotic Lesions and Increased Plaque Stability. <i>Journal of Vascular Surgery</i> , 2014, 59, 83S-84S.	0.6	0
84	Abstract 642: Vascular Endothelial Growth Factor Receptor 2 Blockade in Murine Vein Graft Ameliorates Lesion Growth and Enhances Plaque Stability by Reducing Intraplaque Hemorrhage. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	1.1	1
85	Abstract 370: Interferon Regulatory Factors 3 and 7 Regulate Vein Graft Remodeling and Vascular Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	1.1	0
86	C57BL/6 NK cell gene complex is crucially involved in vascular remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 64, 51-58.	0.9	15
87	An Unexpected Intriguing Effect of Toll-Like Receptor Regulator RP105 (CD180) on Atherosclerosis Formation With Alterations on B-Cell Activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2810-2817.	1.1	22
88	Complement factor C5a as mast cell activator mediates vascular remodelling in vein graft disease. <i>Cardiovascular Research</i> , 2013, 97, 311-320.	1.8	49
89	T-cell co-stimulation by CD28 and CD80/86 and its negative regulator CTLA-4 strongly influence accelerated atherosclerosis development. <i>International Journal of Cardiology</i> , 2013, 168, 1965-1974.	0.8	101
90	A small molecule approach to engineering vascularized tissue. <i>Biomaterials</i> , 2013, 34, 3053-3063.	5.7	31

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91	Quaking, an RNA-Binding Protein, Is a Critical Regulator of Vascular Smooth Muscle Cell Phenotype. <i>Circulation Research</i> , 2013, 113, 1065-1075.	2.0	86
92	Lysine Acetyltransferase PCAF Is a Key Regulator of Arteriogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1902-1910.	1.1	53
93	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.	1.1	16
94	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.	1.1	23
95	Blocking Toll-Like Receptors 7 and 9 Reduces Postinterventional Remodeling via Reduced Macrophage Activation, Foam Cell Formation, and Migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, e72-80.	1.1	37
96	Galectin-2 expression is dependent on the rs7291467 polymorphism and acts as an inhibitor of arteriogenesis. <i>European Heart Journal</i> , 2012, 33, 1076-1084.	1.0	44
97	C1-esterase inhibitor protects against early vein graft remodeling under arterial blood pressure. <i>Atherosclerosis</i> , 2012, 220, 86-92.	0.4	11
98	Annexin A5 prevents post-interventional accelerated atherosclerosis development in a dose-dependent fashion in mice. <i>Atherosclerosis</i> , 2012, 221, 333-340.	0.4	22
99	Shear induced collateral artery growth modulated by endoglin but not by $\alpha$ 1(I) collagen. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2440-2450.	1.6	38
100	Molecular Imaging of Bone Marrow Mononuclear Cell Survival and Homing in Murine Peripheral Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 46-55.	2.3	41
101	Plaque Rupture Complications in Murine Atherosclerotic Vein Grafts Can Be Prevented by TIMP-1 Overexpression. <i>PLoS ONE</i> , 2012, 7, e47134.	1.1	41
102	Spontaneous plaque disruptions, dissection, erosion and intraplaque hemorrhage in murine vein grafts can be attenuated by TIMP-1 overexpression. <i>Vascular Pharmacology</i> , 2012, 56, 341-342.	1.0	0
103	The isoenzyme of glutaminyl cyclase is an important regulator of monocyte infiltration under inflammatory conditions. <i>EMBO Molecular Medicine</i> , 2011, 3, 545-558.	3.3	78
104	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> , 2011, 31, 1033-1040.	1.1	37
105	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. <i>Heart</i> , 2011, 97, 143-150.	1.2	18
106	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.	1.1	74
107	MicroRNA-126 modulates endothelial SDF-1 expression and mobilization of Sca-1 <sup>+</sup> /Lin <sup>-</sup> progenitor cells in ischaemia. <i>Cardiovascular Research</i> , 2011, 92, 449-455.	1.8	85
108	Variations in Surgical Procedures for Hind Limb Ischaemia Mouse Models Result in differences in Collateral Formation. <i>European Journal of Vascular and Endovascular Surgery</i> , 2010, 40, 796-803.	0.8	84

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109	6-Mercaptopurine Inhibits Atherosclerosis in Apolipoprotein E*3-Leiden Transgenic Mice Through Atheroprotective Actions on Monocytes and Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1591-1597.	1.1	29
110	A novel urokinase receptor-targeted inhibitor for plasmin and matrix metalloproteinases suppresses vein graft disease. <i>Cardiovascular Research</i> , 2010, 88, 367-375.	1.8	19
111	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. <i>Journal of Vascular Surgery</i> , 2010, 51, 429-437.	0.6	20
112	Systemic MCP1/CCR2 blockade and leukocyte specific MCP1/CCR2 inhibition affect aortic aneurysm formation differently. <i>Atherosclerosis</i> , 2010, 211, 84-89.	0.4	45
113	Local lentiviral short hairpin RNA silencing of CCR2 inhibits vein graft thickening in hypercholesterolemic apolipoprotein E3-Leiden mice. <i>Journal of Vascular Surgery</i> , 2009, 50, 152-160.	0.6	35
114	Inhibition of neointima formation by local delivery of estrogen receptor alpha and beta specific agonists. <i>Cardiovascular Research</i> , 2007, 73, 217-226.	1.8	19
115	Prolonged <i>In Vivo</i> Gene Silencing by Electroporation-Mediated Plasmid Delivery of Small Interfering RNA. <i>Human Gene Therapy</i> , 2007, 18, 861-869.	1.4	21
116	Sirolimus and paclitaxel provoke different vascular pathological responses after local delivery in a murine model for restenosis on underlying atherosclerotic arteries. <i>Heart</i> , 2007, 93, 922-927.	1.2	61
117	Expression of Vascular Endothelial Growth Factor, Stromal Cell-Derived Factor-1, and CXCR4 in Human Limb Muscle With Acute and Chronic Ischemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1426-1432.	1.1	82
118	Activation of Nuclear Receptor Nur77 by 6-Mercaptopurine Protects Against Neointima Formation. <i>Circulation</i> , 2007, 115, 493-500.	1.6	68
119	The effect of interleukin-10 knock-out and overexpression on neointima formation in hypercholesterolemic APOE*3-Leiden mice. <i>Atherosclerosis</i> , 2007, 193, 335-342.	0.4	38
120	Natural Killer Cells and CD4 <sup>+</sup> T-Cells Modulate Collateral Artery Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 2310-2318.	1.1	128
121	Short-term dexamethasone treatment inhibits vein graft thickening in hypercholesterolemic ApoE3Leiden transgenic mice. <i>Journal of Vascular Surgery</i> , 2006, 43, 809-815.	0.6	26
122	Anti-MCP-1 Gene Therapy Inhibits Vascular Smooth Muscle Cells Proliferation and Attenuates Vein Graft Thickening Both In Vitro and In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2063-2069.	1.1	127
123	Human CD46-transgenic mice in studies involving replication-incompetent adenoviral type 35 vectors. <i>Journal of General Virology</i> , 2006, 87, 255-265.	1.3	29
124	Inhibition of Complement Component C3 Reduces Vein Graft Atherosclerosis in Apolipoprotein E3-Leiden Transgenic Mice. <i>Circulation</i> , 2006, 114, 2831-2838.	1.6	45
125	Hypercholesterolemia Reduces Collateral Artery Growth More Dominantly Than Hyperglycemia or Insulin Resistance in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1383-1390.	1.1	60
126	Histopathologic alterations following local delivery of dexamethasone to inhibit restenosis in murine arteries. <i>Cardiovascular Research</i> , 2005, 68, 415-424.	1.8	23



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127	Tumor necrosis factor $\alpha$ plays an important role in restenosis development. FASEB Journal, 2005, 19, 1998-2004.	0.2	73
128	Local perivascular delivery of anti-restenotic agents from a drug-eluting poly(-caprolactone) stent cuff. Biomaterials, 2005, 26, 5386-5394.	5.7	64
129	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
130	Toll-Like Receptor 4 Is Involved in Outward Arterial Remodeling. Circulation, 2004, 109, 393-398.	1.6	187
131	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
132	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
133	Accelerated Atherosclerosis and Calcification in Vein Grafts. Circulation Research, 2002, 91, 577-584.	2.0	65
134	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
135	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
136	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
137	Adenoviral Expression of a Urokinase Receptor-Targeted Protease Inhibitor Inhibits Neointima Formation in Murine and Human Blood Vessels. Circulation, 2001, 103, 562-569.	1.6	63
138	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