

# Richard D Kenagy

## List of Publications by Year in descending order

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62  
papers

3,139  
citations

218381

26  
h-index

149479

56  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Versican V1 Proteolysis in Human Aorta in Vivo Occurs at the Glu441-Ala442 Bond, a Site That Is Cleaved by Recombinant ADAMTS-1 and ADAMTS-4. <i>Journal of Biological Chemistry</i> , 2001, 276, 13372-13378.	1.6	402
2	Regulation of Vascular Smooth Muscle Cell Migration and Proliferation In Vitro and in Injured Rat Arteries by a Synthetic Matrix Metalloproteinase Inhibitor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 28-33.	1.1	282
3	Matrix metalloproteinases of vascular wall cells are increased in balloon-injured rat carotid artery. <i>Journal of Vascular Surgery</i> , 1994, 20, 209-217.	0.6	252
4	Matrix Metalloproteinase-9 Overexpression Enhances Vascular Smooth Muscle Cell Migration and Alters Remodeling in the Injured Rat Carotid Artery. <i>Circulation Research</i> , 1999, 85, 1179-1185.	2.0	241
5	Prevention of Aneurysm Development and Rupture by Local Overexpression of Plasminogen Activator Inhibitor-1. <i>Circulation</i> , 1998, 98, 249-255.	1.6	135
6	Primate Smooth Muscle Cell Migration From Aortic Explants Is Mediated by Endogenous Platelet-Derived Growth Factor and Basic Fibroblast Growth Factor Acting Through Matrix Metalloproteinases 2 and 9. <i>Circulation</i> , 1997, 96, 3555-3560.	1.6	116
7	Heparin inhibits the induction of three matrix metalloproteinases (stromelysin, 92-kD gelatinase, and) Tj ETQq1 1 0.784314 rgBT /Ove 1987-1993.	3.9	115
8	PDGF $\beta$ Receptor Blockade Inhibits Intimal Hyperplasia in the Baboon. <i>Circulation</i> , 1999, 99, 564-569.	1.6	110
9	Platelet-Derived Growth Factor $\alpha$ BB Transactivates the Fibroblast Growth Factor Receptor to Induce Proliferation in Human Smooth Muscle Cells. <i>Trends in Cardiovascular Medicine</i> , 2006, 16, 25-28.	2.3	109
10	Platelet-Derived Growth Factor-BB $\alpha$ Induced Human Smooth Muscle Cell Proliferation Depends on Basic FGF Release and FGFR-1 Activation. <i>Circulation Research</i> , 2005, 96, 172-179.	2.0	102
11	Versican Degradation and Vascular Disease. <i>Trends in Cardiovascular Medicine</i> , 2006, 16, 209-215.	2.3	83
12	Heparin inhibits the expression of tissue-type plasminogen activator by smooth muscle cells in injured rat carotid artery.. <i>Circulation Research</i> , 1992, 70, 1128-1136.	2.0	81
13	Thrombin- and Factor X $\alpha$ Induced DNA Synthesis Is Mediated by Transactivation of Fibroblast Growth Factor Receptor-1 in Human Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2004, 94, 340-345.	2.0	78
14	The Role of Plasminogen, Plasminogen Activators, and Matrix Metalloproteinases in Primate Arterial Smooth Muscle Cell Migration. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 1373-1382.	1.1	75
15	Activation of metalloproteinases and their association with integrins: an auxiliary apoptotic pathway in human endothelial cells. <i>Cell Death and Differentiation</i> , 2002, 9, 1360-1367.	5.0	68
16	Syndecan-4 Is Required for Thrombin-induced Migration and Proliferation in Human Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 17507-17511.	1.6	59
17	Increased Plasmin and Serine Proteinase Activity During Flow-Induced Intimal Atrophy in Baboon PTFE Grafts. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 400-404.	1.1	55
18	MMP9 production by human monocyte-derived macrophages is decreased on polymerized type I collagen. <i>Journal of Vascular Surgery</i> , 2001, 34, 1111-1118.	0.6	53

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19	Growth factor gene expression by intimal cells in healing polytetrafluoroethylene grafts. <i>Journal of Vascular Surgery</i> , 1990, 11, 580-585.	0.6	49
20	Flow-induced neointimal regression in baboon polytetrafluoroethylene grafts is associated with decreased cell proliferation and increased apoptosis. <i>Journal of Vascular Surgery</i> , 2002, 36, 1248-1255.	0.6	43
21	The Effects of 17 $\beta$ -Estradiol and Progesterone on the Metabolism of Free Fatty Acid by Perfused Livers from Normal Female and Ovariectomized Rats*. <i>Endocrinology</i> , 1981, 108, 1613-1621.	1.4	42
22	Accumulation and Loss of Extracellular Matrix During Shear Stress-mediated Intimal Growth and Regression in Baboon Vascular Grafts. <i>Journal of Histochemistry and Cytochemistry</i> , 2005, 53, 131-140.	1.3	34
23	Syndecan-1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1356-1362.	1.1	33
24	Growth factor production by polytetrafluoroethylene vascular grafts. <i>Journal of Vascular Surgery</i> , 1988, 7, 606-610.	0.6	32
25	Cell Death-associated ADAMTS4 and Versican Degradation in Vascular Tissue. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 889-897.	1.3	32
26	Proliferative capacity of vein graft smooth muscle cells and fibroblasts in vitro correlates with graft stenosis. <i>Journal of Vascular Surgery</i> , 2009, 49, 1282-1288.	0.6	29
27	Membrane-type matrix metalloproteinase-1 and -3 activity in primate smooth muscle cells. <i>FASEB Journal</i> , 2001, 15, 2010-2012.	0.2	26
28	MMP-9 regulates both positively and negatively collagen gel contraction: A nonproteolytic function of MMP-9. <i>Cardiovascular Research</i> , 2005, 66, 402-409.	1.8	26
29	Cleavage of Focal Adhesion Kinase in Vascular Smooth Muscle Cells Overexpressing Membrane-Type Matrix Metalloproteinases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 839-844.	1.1	25
30	A Possible Role for MMP-2 and MMP-9 in the Migration of Primate Arterial Smooth Muscle Cells through Native Matrix. <i>Annals of the New York Academy of Sciences</i> , 1994, 732, 462-465.	1.8	23
31	Regulation of baboon arterial smooth muscle cell plasminogen activators by heparin and growth factors. <i>Thrombosis Research</i> , 1995, 77, 55-61.	0.8	22
32	Blockade of Smooth Muscle Cell Migration and Proliferation in Baboon Aortic Explants by Interleukin-1 $\beta$ and Tumor Necrosis Factor- $\alpha$ Is Nitric Oxide-Dependent and Nitric Oxide-Independent. <i>Journal of Vascular Research</i> , 2000, 37, 381-389.	0.6	22
33	Concomitant blockade of platelet-derived growth factor receptors $\alpha$ 1 and $\alpha$ 2 induces intimal atrophy in baboon PTFE grafts. <i>Journal of Vascular Surgery</i> , 2004, 39, 440-446.	0.6	22
34	Bone morphogenetic protein 4: Potential regulator of shear stress-induced graft neointimal atrophy. <i>Journal of Vascular Surgery</i> , 2006, 43, 150-158.	0.6	22
35	Accumulation and Loss of Extracellular Matrix During Shear Stress-mediated Intimal Growth and Regression in Baboon Vascular Grafts. <i>Journal of Histochemistry and Cytochemistry</i> , 2005, 53, 131-140.	1.3	22
36	Induction of vascular atrophy as a novel approach to treating restenosis. A review. <i>Journal of Vascular Surgery</i> , 2008, 47, 662-670.	0.6	21

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37	A single nucleotide polymorphism in the p27Kip1 gene is associated with primary patency of lower extremity vein bypass grafts. <i>Journal of Vascular Surgery</i> , 2013, 57, 1179-1185.e2.	0.6	18
38	Mechanisms of Inhibition by Heparin of Vascular Smooth Muscle Cell Proliferation and Migration. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 1993, 23, 177-182.	0.5	16
39	VASP phosphorylation at serine239 regulates the effects of NO on smooth muscle cell invasion and contraction of collagen. <i>Journal of Cellular Physiology</i> , 2010, 222, 230-237.	2.0	16
40	Growth factor production by polytetrafluoroethylene vascular grafts. <i>Journal of Vascular Surgery</i> , 1988, 7, 606-610.	0.6	15
41	Alterations of plasma HDL lipids and apolipoproteins in female rats treated with ethynyl estradiol. <i>Lipids and Lipid Metabolism</i> , 1981, 666, 348-355.	2.6	14
42	A link between smooth muscle cell death and extracellular matrix degradation during vascular atrophy. <i>Journal of Vascular Surgery</i> , 2011, 54, 182-191.e24.	0.6	13
43	Effects of external wrapping and increased blood flow on atrophy of the baboon iliac artery. <i>Journal of Vascular Surgery</i> , 2008, 47, 1039-1047.	0.6	12
44	Scavenger receptor class A member 5 ( SCARA5 ) and suprabasin ( SBSN ) are hub genes of coexpression network modules associated with peripheral vein graft patency. <i>Journal of Vascular Surgery</i> , 2016, 64, 202-209.e6.	0.6	9
45	The urokinase receptor mediates basic fibroblast growth factor-dependent smooth muscle cell migration through baboon aortic explants. <i>Atherosclerosis</i> , 2002, 162, 63-67.	0.4	8
46	Surgical marking pen dye inhibits saphenous vein cell proliferation and migration in saphenous vein graft tissue. <i>Journal of Vascular Surgery</i> , 2016, 63, 1044-1050.	0.6	8
47	Smooth muscle cells of human veins show an increased response to injury at valve sites. <i>Journal of Vascular Surgery</i> , 2018, 67, 1556-1570.e9.	0.6	8
48	Biology of restenosis and targets for intervention. , 2011, , 115-152.		8
49	Clinical factors that influence the cellular responses of saphenous veins used for arterial bypass. <i>Journal of Vascular Surgery</i> , 2018, 68, 165S-176S.e6.	0.6	7
50	Anti-phosphorylcholine IgM, an Anti-inflammatory Mediator, Predicts Peripheral Vein Graft Failure: A Prospective Observational Study. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 57, 259-266.	0.8	7
51	Arterial injury repair in nonhuman primates—the role of PDGF receptor- $\beta$ . <i>Journal of Surgical Research</i> , 2004, 119, 80-84.	0.8	6
52	A single nucleotide polymorphism of cyclin-dependent kinase inhibitor 1B (p27Kip1) associated with human vein graft failure affects growth of human venous adventitial cells but not smooth muscle cells. <i>Journal of Vascular Surgery</i> , 2018, 67, 309-317.e7.	0.6	6
53	Growth factor gene expression by intimal cells in healing polytetrafluoroethylene grafts. <i>Journal of Vascular Surgery</i> , 1990, 11, 580-585.	0.6	6
54	Control of Smooth Muscle Cell Function by Membrane-Type Matrix Metalloproteinases. <i>Annals of the New York Academy of Sciences</i> , 2006, 947, 337-340.	1.8	5

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55	Effects of cell density and cell proliferation on acid cholesterol esterase and cathepsin activity of cultured human skin fibroblasts. <i>Lipids and Lipid Metabolism</i> , 1983, 754, 174-180.	2.6	4
56	Inhibition of PDGF-B Induction and Cell Growth by Syndecan-1 Involves the Ubiquitin and SUMO-1 Ligase, <i>Topors. PLoS ONE</i> , 2012, 7, e43701.	1.1	4
57	Versican is differentially regulated in the adventitial and medial layers of human vein grafts. <i>PLoS ONE</i> , 2018, 13, e0204045.	1.1	4
58	Inhibitory Effects of PRG4 on Migration and Proliferation of Human Venous Cells. <i>Journal of Surgical Research</i> , 2020, 253, 53-62.	0.8	3
59	Syndecanâ€1 plays an important role in the development of intimal thickening after vascular injury. <i>FASEB Journal</i> , 2007, 21, A746.	0.2	1
60	THROMBIN- AND FACTOR-XA-INDUCED PROLIFERATION AND MIGRATION IN HUMAN VASCULAR SMOOTH MUSCLE CELLS ARE MEDIATED BY BASIC FIBROBLAST GROWTH FACTOR AND SYNDECAN-4. <i>Cardiovascular Pathology</i> , 2004, 13, 82.	0.7	0
61	A Novel Anti-inflammatory Biomarker that Predicts Peripheral Vein Graft Failure. <i>European Journal of Vascular and Endovascular Surgery</i> , 2016, 52, 409-410.	0.8	0
62	Endothelial Cell and Smooth Muscle Cell Biology in Vascular Disease. , 2001, , 971-987.		0