

# Paul Aidan Cahill

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

135  
papers

4,792  
citations

41  
h-index

61  
g-index

159  
ext. papers

5,237  
ext. citations

6  
avg. IF

5.44  
L-index

#	Paper	IF	Citations
135	Biosynthesis of Gold Nanoparticles by Vascular Cells .. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 813511	5.7	0
134	Disease-Relevant Single Cell Photonic Signatures Identify S100 $\beta$ Stem Cells and their Myogenic Progeny in Vascular Lesions. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 1713-1740	7.3	
133	The calcium binding protein S100 $\beta$ marks hedgehog-responsive resident vascular stem cells within vascular lesions. <i>Npj Regenerative Medicine</i> , <b>2021</b> , 6, 10	15.8	0
132	Moderate dose alcohol protects against serum amyloid protein A1-induced endothelial dysfunction via both notch-dependent and notch-independent pathways. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2021</b> , 45, 2217-2230	3.7	2
131	Resident multipotent vascular stem cells exhibit amplitude dependent strain avoidance similar to that of vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 521, 762-768	3.4	3
130	Moderate Alcohol Consumption Targets S100 $\beta$ Vascular Stem Cells and Attenuates Injury-Induced Neointimal Hyperplasia. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2020</b> , 44, 1734-1746	3.7	1
129	Placental mesenchymal stromal cells as an alternative tool for therapeutic angiogenesis. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 253-265	10.3	34
128	Why Is COVID-19 More Severe in Patients With Diabetes? The Role of Angiotensin-Converting Enzyme 2, Endothelial Dysfunction and the Immunoinflammatory System. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 629933	5.4	15
127	Reactive Oxygen Species (ROS), Intimal Thickening, and Subclinical Atherosclerotic Disease. <i>Frontiers in Cardiovascular Medicine</i> , <b>2019</b> , 6, 89	5.4	40
126	Novel injectable gallium-based self-setting glass-alginate hydrogel composite for cardiovascular tissue engineering. <i>Carbohydrate Polymers</i> , <b>2019</b> , 217, 152-159	10.3	16
125	Label-Free Multi Parameter Optical Interrogation of Endothelial Activation in Single Cells using a Lab on a Disc Platform. <i>Scientific Reports</i> , <b>2019</b> , 9, 4157	4.9	2
124	Differential effects of alcohol and its metabolite acetaldehyde on vascular smooth muscle cell Notch signaling and growth. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 314, H131-H137	5.2	3
123	Label-free discrimination analysis of de-differentiated vascular smooth muscle cells, mesenchymal stem cells and their vascular and osteogenic progeny using vibrational spectroscopy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2018</b> , 1865, 343-353	4.9	7
122	Alcohol Reduces Arterial Remodeling by Inhibiting Sonic Hedgehog-Stimulated Stem Cell Antigen-1 Positive Progenitor Stem Cell Expansion. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2017</b> , 41, 2051-2065	3.7	8
121	Nox, Reactive Oxygen Species and Regulation of Vascular Cell Fate. <i>Antioxidants</i> , <b>2017</b> , 6,	7.1	66
120	Towards functional 3D-stacked electrospun composite scaffolds of PHBV, silk fibroin and nanohydroxyapatite: Mechanical properties and surface osteogenic differentiation. <i>Journal of Biomaterials Applications</i> , <b>2016</b> , 30, 1334-49	2.9	14
119	Vascular endothelium - Gatekeeper of vessel health. <i>Atherosclerosis</i> , <b>2016</b> , 248, 97-109	3.1	262

118	Compliance properties of a composite electrospun fibre hydrogel blood vessel scaffold. <i>Materials Letters</i> , <b>2016</b> , 178, 296-299	3.3	11
117	PVA hydrogels loaded with a Brazilian propolis for burn wound healing applications. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	20
116	The BlueScreen HCS assay as a decision making test in the genotoxicity assessment of flavour and fragrance materials. <i>Toxicology in Vitro</i> , <b>2015</b> , 29, 1425-35	3.6	6
115	Differential expression of Hedgehog/Notch and transforming growth factor- $\beta$ in human abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , <b>2015</b> , 62, 464-70	3.5	25
114	Ethanol inhibits $\beta$ -secretase proteolytic activity in vascular smooth muscle cells. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2015</b> , 39, 2115-22	3.7	7
113	Hedgehog and Resident Vascular Stem Cell Fate. <i>Stem Cells International</i> , <b>2015</b> , 2015, 468428	5	16
112	Adult vascular smooth muscle cells in culture express neural stem cell markers typical of resident multipotent vascular stem cells. <i>Cell and Tissue Research</i> , <b>2014</b> , 358, 203-16	4.2	14
111	Flk-1/KDR mediates ethanol-stimulated endothelial cell Notch signaling and angiogenic activity. <i>Journal of Vascular Research</i> , <b>2014</b> , 51, 315-24	1.9	14
110	Repression of the proapoptotic cellular BIK/NBK gene by Epstein-Barr virus antagonizes transforming growth factor $\beta$ -induced B-cell apoptosis. <i>Journal of Virology</i> , <b>2014</b> , 88, 5001-13	6.6	19
109	Glucose attenuates hypoxia-induced changes in endothelial cell growth by inhibiting HIF-1 $\beta$ expression. <i>Diabetes and Vascular Disease Research</i> , <b>2014</b> , 11, 270-280	3.3	13
108	Embryonic rat vascular smooth muscle cells revisited - a model for neonatal, neointimal SMC or differentiated vascular stem cells?. <i>Vascular Cell</i> , <b>2014</b> , 6, 6	1	19
107	Perivascular delivery of Notch 1 siRNA inhibits injury-induced arterial remodeling. <i>PLoS ONE</i> , <b>2014</b> , 9, e84122	3.7	20
106	Cyclic strain amplitude dictates the growth response of vascular smooth muscle cells in vitro: role in in-stent restenosis and inhibition with a sirolimus drug-eluting stent. <i>Biomechanics and Modeling in Mechanobiology</i> , <b>2013</b> , 12, 671-83	3.8	15
105	Inhibition of patched-1 prevents injury-induced neointimal hyperplasia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 1960-4	9.4	16
104	Chronic exposure to laminar shear stress induces Kruppel-like factor 2 in glomerular endothelial cells and modulates interactions with co-cultured podocytes. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2012</b> , 44, 1482-90	5.6	44
103	Investigation of a small-diameter decellularised artery as a potential scaffold for vascular tissue engineering; biomechanical evaluation and preliminary cell seeding. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2012</b> , 14, 130-42	4.1	27
102	Hemodynamic Control of Vascular Smooth Muscle Function <b>2012</b> , 1231-1242		2
101	Alcohol and cardiovascular disease--modulation of vascular cell function. <i>Nutrients</i> , <b>2012</b> , 4, 297-318	6.7	33

100	Cell encapsulation and cryostorage in PVA-gelatin cryogels: incorporation of carboxylated E-poly-L-lysine as cryoprotectant. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2012</b> , 6, 280-90	4.4	23
99	Glycogen synthase kinase 3 beta positively regulates Notch signaling in vascular smooth muscle cells: role in cell proliferation and survival. <i>Basic Research in Cardiology</i> , <b>2011</b> , 106, 773-85	11.8	41
98	The role of pulsatile flow in controlling microvascular retinal endothelial and pericyte cell apoptosis and proliferation. <i>Cardiovascular Research</i> , <b>2011</b> , 89, 661-70	9.9	13
97	Microvascular retinal endothelial and pericyte cell apoptosis in vitro: role of hedgehog and Notch signaling <b>2011</b> , 52, 4472-83		29
96	Investigational Notch and Hedgehog inhibitors--therapies for cardiovascular disease. <i>Expert Opinion on Investigational Drugs</i> , <b>2011</b> , 20, 1649-64	5.9	10
95	Acute laminar shear stress reversibly increases human glomerular endothelial cell permeability via activation of endothelial nitric oxide synthase. <i>American Journal of Physiology - Renal Physiology</i> , <b>2011</b> , 301, F733-42	4.3	26
94	Alcohol inhibits smooth muscle cell proliferation via regulation of the Notch signaling pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2010</b> , 30, 2597-603	9.4	26
93	GADD45a-GFP GreenScreen HC assay results for the ECVAM recommended lists of genotoxic and non-genotoxic chemicals for assessment of new genotoxicity tests. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2010</b> , 695, 87-95	3	50
92	Endothelialization of PVA/gelatin cryogels for vascular tissue engineering: effect of disturbed shear stress conditions. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2010</b> , 94, 1080-90	5.4	16
91	Thermal behavior and mechanical properties of physically crosslinked PVA/Gelatin hydrogels. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2010</b> , 3, 203-9	4.1	119
90	A method to develop mock arteries suitable for cell seeding and in-vitro cell culture experiments. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2010</b> , 3, 470-7	4.1	20
89	Sonic Hedgehog induces Notch target gene expression in vascular smooth muscle cells via VEGF-A. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2009</b> , 29, 1112-8	9.4	52
88	Water resistance of photocrosslinked polyvinyl alcohol based fibers. <i>Materials Letters</i> , <b>2009</b> , 63, 419-421	3.3	42
87	Physically crosslinked composite hydrogels of PVA with natural macromolecules: structure, mechanical properties, and endothelial cell compatibility. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2009</b> , 90, 492-502	3.5	128
86	Cell encapsulation within PVA-based hydrogels via freeze-thawing: a one-step scaffold formation and cell storage technique. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2009</b> , 3, 567-72	4.4	49
85	Assembly of aligned polyvinyl alcohol-tyrpyridinium pendent group nanofibres for vascular tissue engineering applications. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanoengineering and Nanosystems</i> , <b>2009</b> , 223, 99-111		1
84	Assessment of the genotoxicity of S9-generated metabolites using the GreenScreen HC GADD45a-GFP assay. <i>Mutagenesis</i> , <b>2009</b> , 24, 35-50	2.8	39
83	Influence of basolateral condition on the regulation of brain microvascular endothelial tight junction properties and barrier function. <i>Brain Research</i> , <b>2008</b> , 1193, 84-92	3.7	65

82	Interleukin-6 mediates G(0)/G(1) growth arrest in hepatocellular carcinoma through a STAT 3-dependent pathway. <i>Journal of Surgical Research</i> , <b>2008</b> , 147, 23-33	2.5	44
81	Characterization of Poly(vinyl alcohol)/Chitosan Hydrogels as Vascular Tissue Engineering Scaffolds. <i>Macromolecular Symposia</i> , <b>2008</b> , 269, 106-110	0.8	53
80	Ethanol stimulates endothelial cell angiogenic activity via a Notch- and angiopoietin-1-dependent pathway. <i>Cardiovascular Research</i> , <b>2008</b> , 79, 313-21	9.9	43
79	Helicobacter pylori-induced inhibition of vascular endothelial cell functions: a role for VacA-dependent nitric oxide reduction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2008</b> , 295, H1403-13	5.2	18
78	Notch and vascular smooth muscle cell phenotype. <i>Circulation Research</i> , <b>2008</b> , 103, 1370-82	15.7	106
77	An analysis of the strain field in biaxial Flexcell membranes for different waveforms and frequencies. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , <b>2008</b> , 222, 1235-45	1.7	37
76	Vascular cell viability on polyvinyl alcohol hydrogels modified with water-soluble and -insoluble chitosan. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2008</b> , 84, 531-40	3.5	34
75	Mechanical and morphological characteristics of poly(vinyl alcohol)/chitosan hydrogels. <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 109, 1129-1137	2.9	24
74	Regulation of bovine brain microvascular endothelial tight junction assembly and barrier function by laminar shear stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H3190-7	5.2	83
73	Biomechanical regulation of hedgehog signaling in vascular smooth muscle cells in vitro and in vivo. <i>American Journal of Physiology - Cell Physiology</i> , <b>2007</b> , 292, C488-96	5.4	39
72	Elevated glucose attenuates agonist- and flow-stimulated endothelial nitric oxide synthase activity in microvascular retinal endothelial cells. <i>Endothelium: Journal of Endothelial Cell Research</i> , <b>2007</b> , 14, 17-24		20
71	Cyclic strain regulates the Notch/CBF-1 signaling pathway in endothelial cells: role in angiogenic activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 1289-96	9.4	52
70	Resveratrol, a polyphenolic phytoestrogen, inhibits endothelial monocyte chemoattractant protein-1 synthesis and secretion. <i>Journal of Vascular Research</i> , <b>2007</b> , 44, 75-84	1.9	30
69	Cyclic strain-mediated matrix metalloproteinase regulation within the vascular endothelium: a force to be reckoned with. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H28-42	5.2	64
68	High glucose concentrations alter hypoxia-induced control of vascular smooth muscle cell growth via a HIF-1 $\alpha$ -dependent pathway. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2007</b> , 42, 609-19	5.8	48
67	Resveratrol inhibits expression and binding activity of the monocyte chemoattractant protein-1 receptor, CCR2, on THP-1 monocytes. <i>Atherosclerosis</i> , <b>2007</b> , 195, e125-33	3.1	37
66	Epstein-Barr virus nuclear antigen 2 trans-activates the cellular antiapoptotic bcl-2 gene by a CBF1/RBPJ kappa-dependent pathway. <i>Journal of Virology</i> , <b>2006</b> , 80, 8133-44	6.6	21
65	Cyclic strain-mediated regulation of vascular endothelial occludin and ZO-1: influence on intercellular tight junction assembly and function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 62-8	9.4	75

64	Microencapsulation of engineered cells to deliver sustained high circulating levels of interleukin-6 to study hepatocellular carcinoma progression. <i>Cell Transplantation</i> , <b>2006</b> , 15, 785-98	4	21
63	Cyclic strain-mediated regulation of vascular endothelial cell migration and tube formation. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 329, 573-82	3.4	76
62	Ethanol inhibits monocyte chemotactic protein-1 expression in interleukin-1{beta}-activated human endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 289, H1669-75	5.2	16
61	Interleukin-6 inhibits cell proliferation in a rat model of hepatocellular carcinoma. <i>Liver International</i> , <b>2005</b> , 25, 445-57	7.9	20
60	Ethanol inhibits pulse pressure-induced vascular smooth muscle cell migration by differentially modulating plasminogen activator inhibitor type 1, matrix metalloproteinase-2 and -9. <i>Thrombosis and Haemostasis</i> , <b>2005</b> , 94, 639-45	7	11
59	Cyclic strain inhibits Notch receptor signaling in vascular smooth muscle cells in vitro. <i>Circulation Research</i> , <b>2005</b> , 96, 567-75	15.7	118
58	Notch-mediated CBF-1/RBP-J{kappa}-dependent regulation of human vascular smooth muscle cell phenotype in vitro. <i>American Journal of Physiology - Cell Physiology</i> , <b>2005</b> , 289, C1188-96	5.4	90
57	Pulsatile flow increases the expression of eNOS, ET-1, and prostacyclin in a novel in vitro coculture model of the retinal vasculature. <i>Investigative Ophthalmology and Visual Science</i> , <b>2005</b> , 46, 375-82		41
56	Notch 1 and 3 receptor signaling modulates vascular smooth muscle cell growth, apoptosis, and migration via a CBF-1/RBP-Jk dependent pathway. <i>FASEB Journal</i> , <b>2004</b> , 18, 1421-3	0.9	111
55	Regulation of endopeptidases EC3.4.24.15 and EC3.4.24.16 in vascular endothelial cells by cyclic strain: role of Gi protein signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2004</b> , 24, 457-63	9.4	10
54	Modulation of nitric oxide and 6-keto-prostaglandin F(1alpha) production in bovine aortic endothelial cells by conjugated linoleic acid. <i>Endothelium: Journal of Endothelial Cell Research</i> , <b>2004</b> , 11, 211-20		19
53	Pulse pressure-induced transmural fluid flux increases bovine aortic smooth muscle cell apoptosis in a mitogen activated protein kinase dependent manner. <i>Journal of Vascular Research</i> , <b>2004</b> , 41, 364-74	1.9	13
52	Cyclic strain-mediated regulation of endothelial matrix metalloproteinase-2 expression and activity. <i>Cardiovascular Research</i> , <b>2004</b> , 63, 625-34	9.9	55
51	Cyclic strain-induced endothelial MMP-2: role in vascular smooth muscle cell migration. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 320, 325-33	3.4	19
50	Plasminogen activator inhibitor-1 deficiency enhances flow-induced smooth muscle cell migration. <i>Thrombosis Research</i> , <b>2004</b> , 114, 57-65	8.2	13
49	Hemodynamic regulation of metalloproteinases within the vasculature. <i>Protein and Peptide Letters</i> , <b>2004</b> , 11, 433-42	1.9	5
48	Eicosanoids in cirrhosis and portal hypertension. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2003</b> , 72, 3-18	3.7	20
47	Novel roles of neuropeptide processing enzymes: EC3.4.24.15 in the neurome. <i>Journal of Neuroscience Research</i> , <b>2003</b> , 74, 456-67	4.4	23

46	The role of nitric oxide synthase isoforms in extrahepatic portal hypertension: studies in gene-knockout mice. <i>Gastroenterology</i> , <b>2003</b> , 124, 1500-8	13.3	53
45	Insulin-like growth factor I is a comitogen for hepatocyte growth factor in a rat model of hepatocellular carcinoma. <i>Hepatology</i> , <b>2002</b> , 36, 1089-97	11.2	53
44	Pulsatile flow-induced angiogenesis: role of G(i) subunits. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2002</b> , 22, 1610-6	9.4	47
43	Endothelial dysfunction in cirrhosis and portal hypertension <b>2001</b> , 89, 273-93		89
42	Endothelial cells inhibit flow-induced smooth muscle cell migration: role of plasminogen activator inhibitor-1. <i>Circulation</i> , <b>2001</b> , 103, 597-603	16.7	81
41	Effect of Pulse Pressure on Vascular Smooth Muscle Cell Migration: The Role of Urokinase and Matrix Metalloproteinase. <i>Thrombosis and Haemostasis</i> , <b>1999</b> , 81, 293-300	7	39
40	Nonanticoagulant heparin prevents coronary endothelial dysfunction after brief ischemia-reperfusion injury in the dog. <i>Circulation</i> , <b>1999</b> , 99, 1062-8	16.7	27
39	Enhanced Gi-protein-mediated mitogenesis following chronic ethanol exposure in a rat model of experimental hepatocellular carcinoma. <i>Hepatology</i> , <b>1999</b> , 29, 412-20	11.2	25
38	Altered Gq/G11 guanine nucleotide regulatory protein expression in a rat model of hepatocellular carcinoma: role in mitogenesis. <i>Hepatology</i> , <b>1999</b> , 29, 371-8	11.2	11
37	Phenotype dictates the growth response of vascular smooth muscle cells to pulse pressure in vitro. <i>Experimental Cell Research</i> , <b>1999</b> , 250, 174-86	4.2	35
36	Sustained pulsatile flow regulates endothelial nitric oxide synthase and cyclooxygenase expression in co-cultured vascular endothelial and smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1999</b> , 31, 619-29	5.8	56
35	Ethanol inhibits basal and flow-induced vascular smooth muscle cell migration in vitro. <i>Journal of Surgical Research</i> , <b>1999</b> , 84, 64-70	2.5	19
34	Vasoconstrictor responsiveness of portal hypertensive vessels. <i>Clinical Science</i> , <b>1999</b> , 96, 3-4	6.5	4
33	Vasoconstrictor responsiveness of portal hypertensive vessels. <i>Clinical Science</i> , <b>1999</b> , 96, 3	6.5	2
32	Inhibitory guanine nucleotide regulatory protein activation of mitogen-activated protein kinase in experimental hepatocellular carcinoma in vitro. <i>European Journal of Gastroenterology and Hepatology</i> , <b>1999</b> , 11, 761-8	2.2	17
31	The role of cAMP-MAPK signalling in the regulation of human hepatocellular carcinoma growth in vitro. <i>European Journal of Gastroenterology and Hepatology</i> , <b>1999</b> , 11, 1393-9	2.2	29
30	Heparin and nonanticoagulant heparin preserve regional myocardial contractility after ischemia-reperfusion injury: role of nitric oxide. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1998</b> , 115, 440-8; discussion 448-9	1.5	22
29	Ethanol inhibits mitogen activated protein kinase activity and growth of vascular smooth muscle cells in vitro. <i>European Journal of Pharmacology</i> , <b>1998</b> , 362, 251-9	5.3	34

28	Enhanced cyclooxygenase-1 expression within the superior mesenteric artery of portal hypertensive rats: role in the hyperdynamic circulation. <i>Hepatology</i> , <b>1998</b> , 27, 20-7	11.2	49
27	Increased expression of endothelin receptors in the vasculature of portal hypertensive rats: role in splanchnic hemodynamics. <i>Hepatology</i> , <b>1998</b> , 28, 396-403	11.2	41
26	Altered expression of inhibitory guanine nucleotide regulatory proteins (Gi-proteins) in experimental hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , <b>1998</b> , 175, 295-304	7	16
25	Heparin preserves nitric oxide activity in coronary endothelium during ischemia-reperfusion injury. <i>Annals of Thoracic Surgery</i> , <b>1998</b> , 66, 1210-5	2.7	18
24	Non-anticoagulant heparin increases endothelial nitric oxide synthase activity: role of inhibitory guanine nucleotide proteins. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1998</b> , 30, 2669-82	5.8	23
23	Flow-mediated regulation of G-protein expression in cocultured vascular smooth muscle and endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1998</b> , 18, 75-83	9.4	34
22	Flow-mediated regulation of endothelin receptors in cocultured vascular smooth muscle cells: an endothelium-dependent effect. <i>Journal of Vascular Research</i> , <b>1997</b> , 34, 425-35	1.9	31
21	Increased MAPK expression and activity in primary human hepatocellular carcinoma. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 236, 54-8	3.4	180
20	Enhanced G-protein-induced relaxation in portal hypertensive rats: role of nitric oxide. <i>Hepatology</i> , <b>1997</b> , 26, 27-33	11.2	11
19	Alterations in guanine nucleotide regulatory protein expression and activity in human hepatocellular carcinoma. <i>Hepatology</i> , <b>1997</b> , 26, 1189-94	11.2	21
18	Altered expression of mitogen-activated protein kinases in a rat model of experimental hepatocellular carcinoma. <i>Hepatology</i> , <b>1997</b> , 26, 1484-91	11.2	75
17	Regulation of atrial natriuretic factor receptors in portal hypertensive rabbits. <i>Journal of Hepatology</i> , <b>1996</b> , 24, 185-93	13.4	4
16	Increased endothelial nitric oxide synthase activity in the hyperemic vessels of portal hypertensive rats. <i>Journal of Hepatology</i> , <b>1996</b> , 25, 370-8	13.4	108
15	Regulation of endothelin receptors by nitric oxide in cultured rat vascular smooth muscle cells. <i>Journal of Cellular Physiology</i> , <b>1996</b> , 166, 469-79	7	59
14	Decreased angiotensin II receptors mediate decreased vascular response in hepatocellular cancer. <i>Annals of Surgery</i> , <b>1996</b> , 223, 225-31	7.8	7
13	Perfused transcapillary smooth muscle and endothelial cell co-culture--a novel in vitro model. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>1995</b> , 31, 601-9	2.6	56
12	Nitric oxide regulates angiotensin II receptors in vascular smooth muscle cells. <i>European Journal of Pharmacology</i> , <b>1995</b> , 288, 219-29		61
11	Endogenous nitric oxide promotes ileal absorption. <i>Journal of Surgical Research</i> , <b>1995</b> , 58, 687-92	2.5	27



10	Nitric oxide and portal hypertension. <i>Journal of Hepatology</i> , <b>1995</b> , 23, 355-356	13.4	3
9	Loss of angiotensin-II receptors in portal hypertensive rabbits. <i>Hepatology</i> , <b>1995</b> , 22, 559-564	11.2	10
8	Enhanced nitric oxide synthase activity in portal hypertensive rabbits. <i>Hepatology</i> , <b>1995</b> , 22, 598-606	11.2	76
7	Altered adenylyl cyclase activities and G-protein abnormalities in portal hypertensive rabbits. <i>Journal of Clinical Investigation</i> , <b>1994</b> , 93, 2691-700	15.9	26
6	Differential antimitogenic effectiveness of atrial natriuretic peptides in primary versus subcultured rat aortic smooth muscle cells: relationship to expression of ANF-C receptors. <i>Journal of Cellular Physiology</i> , <b>1993</b> , 154, 28-38	7	36
5	Nitric oxide synthase activity in portal hypertension. <i>Hepatology</i> , <b>1993</b> , 18, A141	11.2	9
4	Clearance receptor-binding atrial natriuretic peptides inhibit mitogenesis and proliferation of rat aortic smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1991</b> , 179, 1606-13	3.4	80
3	Unusual degree of selectivity in diamantane derivatizations. <i>Tetrahedron Letters</i> , <b>1990</b> , 31, 5417-5420	2	12
2	Atrial natriuretic factor recognizes two receptor subtypes in endothelial cells cultured from bovine pulmonary artery. <i>FEBS Letters</i> , <b>1990</b> , 269, 157-62	3.8	18
1	Pathogenetic Mechanisms in A lagille Syndrome1-10		