

Paul Aidan Cahill

List of Publications by Year in descending order

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154
papers

5,664
citations

66234

42
h-index

102304

66
g-index

159
all docs

159
docs citations

159
times ranked

7007
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular endothelium â€“ Gatekeeper of vessel health. <i>Atherosclerosis</i> , 2016, 248, 97-109.	0.4	371
2	Increased MAPK Expression and Activity in Primary Human Hepatocellular Carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 54-58.	1.0	200
3	Thermal behavior and mechanical properties of physically crosslinked PVA/Gelatin hydrogels. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2010, 3, 203-209.	1.5	169
4	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> , 2009, 90B, 492-502.	1.6	149
5	Cyclic Strain Inhibits Notch Receptor Signaling in Vascular Smooth Muscle Cells In Vitro. <i>Circulation Research</i> , 2005, 96, 567-575.	2.0	135
6	Notch and Vascular Smooth Muscle Cell Phenotype. <i>Circulation Research</i> , 2008, 103, 1370-1382.	2.0	128
7	Increased endothelial nitric oxide synthase activity in the hyperemic vessels of portal hypertensive rats. <i>Journal of Hepatology</i> , 1996, 25, 370-378.	1.8	119
8	Notch 1 and 3 receptors modulate vascular smooth muscle cell growth, apoptosis and migration via a CBF-1/RBP-J δ dependent pathway. <i>FASEB Journal</i> , 2004, 18, 1421-1423.	0.2	118
9	Endothelial dysfunction in cirrhosis and portal hypertension. , 2001, 89, 273-293.		100
10	Notch-mediated CBF-1/RBP-J δ -dependent regulation of human vascular smooth muscle cell phenotype in vitro. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C1188-C1196.	2.1	99
11	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> , 2007, 292, H3190-H3197.	1.5	94
12	Enhanced nitric oxide synthase activity in portal hypertensive rabbits. <i>Hepatology</i> , 1995, 22, 598-606.	3.6	88
13	Endothelial Cells Inhibit Flow-Induced Smooth Muscle Cell Migration. <i>Circulation</i> , 2001, 103, 597-603.	1.6	87
14	Cyclic strain-mediated regulation of vascular endothelial cell migration and tube formation. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 573-582.	1.0	87
15	Clearance receptor-binding atrial natriuretic peptides inhibit mitogenesis and proliferation of rat aortic smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 1991, 179, 1606-1613.	1.0	86
16	Nox, Reactive Oxygen Species and Regulation of Vascular Cell Fate. <i>Antioxidants</i> , 2017, 6, 90.	2.2	86
17	Altered expression of mitogen-activated protein kinases in a rat model of experimental hepatocellular carcinoma. <i>Hepatology</i> , 1997, 26, 1484-1491.	3.6	83
18	Cyclic Strain-Mediated Regulation of Vascular Endothelial Occludin and ZO-1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 62-68.	1.1	80

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19	Reactive Oxygen Species (ROS), Intimal Thickening, and Subclinical Atherosclerotic Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 89.	1.1	74
20	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> , 2007, 292, H28-H42.	1.5	71
21	Perfused transcapillary smooth muscle and endothelial cell co-culture—a novel in vitro model. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1995, 31, 601-609.	0.7	70
22	Placental mesenchymal stromal cells as an alternative tool for therapeutic angiogenesis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 253-265.	2.4	70
23	Regulation of endothelin receptors by nitric oxide in cultured rat vascular smooth muscle cells. , 1996, 166, 469-479.		68
24	Influence of basolateral condition on the regulation of brain microvascular endothelial tight junction properties and barrier function. <i>Brain Research</i> , 2008, 1193, 84-92.	1.1	68
25	Characterization of Poly(vinyl alcohol)/Chitosan Hydrogels as Vascular Tissue Engineering Scaffolds. <i>Macromolecular Symposia</i> , 2008, 269, 106-110.	0.4	65
26	Sonic Hedgehog Induces Notch Target Gene Expression in Vascular Smooth Muscle Cells via VEGF-A. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1112-1118.	1.1	65
27	Nitric oxide regulates angiotensin II receptors in vascular smooth muscle cells. <i>European Journal of Pharmacology</i> , 1995, 288, 219-229.	2.7	64
28	Cyclic strain-mediated regulation of endothelial matrix metalloproteinase-2 expression and activity. <i>Cardiovascular Research</i> , 2004, 63, 625-634.	1.8	64
29	The role of nitric oxide synthase isoforms in extrahepatic portal hypertension: studies in gene-knockout mice. <i>Gastroenterology</i> , 2003, 124, 1500-1508.	0.6	60
30	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> , 1999, 31, 619-629.	0.9	59
31	Insulin-like growth factor I is a comitogen for hepatocyte growth factor in a rat model of hepatocellular carcinoma. <i>Hepatology</i> , 2002, 36, 1089-1097.	3.6	59
32	Cyclic Strain Regulates the Notch/CBF-1 Signaling Pathway in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1289-1296.	1.1	56
33	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> , 2009, 3, 567-572.	1.3	55
34	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> , 2010, 695, 87-95.	0.9	54
35	High glucose concentrations alter hypoxia-induced control of vascular smooth muscle cell growth via a HIF-1 α -dependent pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, 609-619.	0.9	53
36	Enhanced cyclooxygenase-1 expression within the superior mesenteric artery of portal hypertensive rats: Role in the hyperdynamic circulation. <i>Hepatology</i> , 1998, 27, 20-27.	3.6	52

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37	Pulsatile Flowâ€“Induced Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1610-1616.	1.1	52
38	Ethanol stimulates endothelial cell angiogenic activity via a Notch- and angiopoietin-1-dependent pathway. <i>Cardiovascular Research</i> , 2008, 79, 313-321.	1.8	50
39	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> , 2012, 44, 1482-1490.	1.2	50
40	Interleukin-6 Mediates G0/G1 Growth Arrest in Hepatocellular Carcinoma Through a STAT 3-Dependent Pathway. <i>Journal of Surgical Research</i> , 2008, 147, 23-33.	0.8	49
41	Biomechanical regulation of hedgehog signaling in vascular smooth muscle cells in vitro and in vivo. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C488-C496.	2.1	46
42	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> , 2011, 106, 773-785.	2.5	45
43	Pulsatile Flow Increases the Expression of eNOS, ET-1, and Prostacyclin in a Novel In Vitro Coculture Model of the Retinal Vasculature. , 2005, 46, 375.		44
44	Assessment of the genotoxicity of S9-generated metabolites using the GreenScreen HC GADD45a-GFP assay. <i>Mutagenesis</i> , 2008, 24, 35-50.	1.0	43
45	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> , 2020, 7, 629933.	1.1	43
46	Increased expression of endothelin receptors in the vasculature of portal hypertensive rats: Role in splanchnic hemodynamics. <i>Hepatology</i> , 1998, 28, 396-403.	3.6	42
47	Water resistance of photocrosslinked polyvinyl alcohol based fibers. <i>Materials Letters</i> , 2009, 63, 419-421.	1.3	42
48	Alcohol and Cardiovascular Diseaseâ€”Modulation of Vascular Cell Function. <i>Nutrients</i> , 2012, 4, 297-318.	1.7	42
49	Resveratrol inhibits expression and binding activity of the monocyte chemotactic protein-1 receptor, CCR2, on THP-1 monocytes. <i>Atherosclerosis</i> , 2007, 195, e125-e133.	0.4	40
50	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> , 2008, 222, 1235-1245.	1.0	40
51	Effect of Pulse Pressure on Vascular Smooth Muscle Cell Migration: The Role of Urokinase and Matrix Metalloproteinase. <i>Thrombosis and Haemostasis</i> , 1999, 81, 293-300.	1.8	39
52	Vascular cell viability on polyvinyl alcohol hydrogels modified with waterâ€“soluble and â€“insoluble chitosan. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 84B, 531-540.	1.6	39
53	Phenotype Dictates the Growth Response of Vascular Smooth Muscle Cells to Pulse Pressure in Vitro. <i>Experimental Cell Research</i> , 1999, 250, 174-186.	1.2	38
54	Ethanol inhibits mitogen activated protein kinase activity and growth of vascular smooth muscle cells in vitro. <i>European Journal of Pharmacology</i> , 1998, 362, 251-259.	1.7	37

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55	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> , 1993, 154, 28-38.	2.0	36
56	Flow-Mediated Regulation of G-Protein Expression in Cocultured Vascular Smooth Muscle and Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 75-83.	1.1	36
57	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> , 2012, 14, 130-142.	1.5	36
58	Flow-Mediated Regulation of Endothelin Receptors in Cocultured Vascular Smooth Muscle Cells: An Endothelium-Dependent Effect. <i>Journal of Vascular Research</i> , 1997, 34, 425-435.	0.6	34
59	Resveratrol, a Polyphenolic Phytostilbene, Inhibits Endothelial Monocyte Chemotactic Protein-1 Synthesis and Secretion. <i>Journal of Vascular Research</i> , 2007, 44, 75-84.	0.6	33
60	Endothelialization of PVA/gelatin cryogels for vascular tissue engineering: Effect of disturbed shear stress conditions. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 1080-1090.	2.1	33
61	Altered adenyl cyclase activities and G-protein abnormalities in portal hypertensive rabbits.. <i>Journal of Clinical Investigation</i> , 1994, 93, 2691-2700.	3.9	33
62	Mechanical and morphological characteristics of poly(vinyl alcohol)/chitosan hydrogels. <i>Journal of Applied Polymer Science</i> , 2008, 109, 1129-1137.	1.3	32
63	The role of CAMPMAPK signaling in the regulation of human hepatocellular carcinoma growth in vitro. <i>European Journal of Gastroenterology and Hepatology</i> , 1999, 11, 1393-1400.	0.8	31
64	Microvascular Retinal Endothelial and Pericyte Cell Apoptosis In Vitro: Role of Hedgehog and Notch Signaling. , 2011, 52, 4472.		31
65	Differential expression of Hedgehog/Notch and transforming growth factor- β^2 in human abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2015, 62, 464-470.	0.6	31
66	Nonanticoagulant Heparin Prevents Coronary Endothelial Dysfunction After Brief Ischemia-Reperfusion Injury in the Dog. <i>Circulation</i> , 1999, 99, 1062-1068.	1.6	30
67	Alcohol Inhibits Smooth Muscle Cell Proliferation via Regulation of the Notch Signaling Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2597-2603.	1.1	30
68	PVA hydrogels loaded with a Brazilian propolis for burn wound healing applications. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	30
69	Endogenous Nitric Oxide Promotes Ileal Absorption. <i>Journal of Surgical Research</i> , 1995, 58, 687-692.	0.8	29
70	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> , 2011, 301, F733-F742.	1.3	27
71	Cell encapsulation and cryostorage in PVA-gelatin cryogels: incorporation of carboxylated β -poly-L-lysine as cryoprotectant. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, 280-290.	1.3	27
72	Non-Anticoagulant Heparin Increases Endothelial Nitric Oxide Synthase Activity: Role of Inhibitory Guanine Nucleotide Proteins. <i>Journal of Molecular and Cellular Cardiology</i> , 1998, 30, 2669-2682.	0.9	26

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73	<i>Helicobacter pylori</i> -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> , 2008, 295, H1403-H1413.	1.5	26
74	Enhanced Gi-protein-mediated mitogenesis following chronic ethanol exposure in a rat model of experimental hepatocellular carcinoma. <i>Hepatology</i> , 1999, 29, 412-420.	3.6	25
75	Novel roles of neuropeptide processing enzymes: EC3.4.24.15 in the neurome. <i>Journal of Neuroscience Research</i> , 2003, 74, 456-467.	1.3	25
76	Novel injectable gallium-based self-setting glass-alginate hydrogel composite for cardiovascular tissue engineering. <i>Carbohydrate Polymers</i> , 2019, 217, 152-159.	5.1	25
77	Microencapsulation of Engineered Cells to Deliver Sustained High Circulating Levels of Interleukin-6 to Study Hepatocellular Carcinoma Progression. <i>Cell Transplantation</i> , 2006, 15, 785-798.	1.2	24
78	Epstein-Barr Virus Nuclear Antigen 2 trans -Activates the Cellular Antiapoptotic bfl-1 Gene by a CBF1/RBPJ ^δ -Dependent Pathway. <i>Journal of Virology</i> , 2006, 80, 8133-8144.	1.5	24
79	Perivascular Delivery of Notch 1 siRNA Inhibits Injury-Induced Arterial Remodeling. <i>PLoS ONE</i> , 2014, 9, e84122.	1.1	24
80	Heparin And Nonanticoagulant Heparin Preserve Regional Myocardial Contractility After Ischemia-Reperfusion Injury: Role Of Nitric Oxide. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1998, 115, 440-449.	0.4	23
81	Eicosanoids in cirrhosis and portal hypertension. <i>Prostaglandins and Other Lipid Mediators</i> , 2003, 72, 3-18.	1.0	23
82	Interleukin-6 inhibits cell proliferation in a rat model of hepatocellular carcinoma. <i>Liver International</i> , 2005, 25, 445-457.	1.9	23
83	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> , 2010, 3, 470-477.	1.5	23
84	Embryonic rat vascular smooth muscle cells revisited - a model for neonatal, neointimal SMC or differentiated vascular stem cells?. <i>Vascular Cell</i> , 2014, 6, 6.	0.2	23
85	Atrial natriuretic factor recognizes two receptor subtypes in endothelial cells cultured from bovine pulmonary artery. <i>FEBS Letters</i> , 1990, 269, 157-162.	1.3	21
86	Alterations in guanine nucleotide regulatory protein expression and activity in human hepatocellular carcinoma. <i>Hepatology</i> , 1997, 26, 1189-1194.	3.6	21
87	Ethanol Inhibits Basal and Flow-Induced Vascular Smooth Muscle Cell Migration in Vitro. <i>Journal of Surgical Research</i> , 1999, 84, 64-70.	0.8	21
88	Cyclic strain-induced endothelial MMP-2: role in vascular smooth muscle cell migration. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 325-333.	1.0	21
89	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> , 2007, 14, 17-24.	1.7	21
90	Flk-1/KDR Mediates Ethanol-Stimulated Endothelial Cell Notch Signaling and Angiogenic Activity. <i>Journal of Vascular Research</i> , 2014, 51, 315-324.	0.6	20

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91	Repression of the Proapoptotic Cellular<i>BIK/NBK</i>Gene by Epstein-Barr Virus Antagonizes Transforming Growth Factor β 1-Induced B-Cell Apoptosis. <i>Journal of Virology</i> , 2014, 88, 5001-5013.	1.5	20
92	Heparin preserves nitric oxide activity in coronary endothelium during ischemia-reperfusion injury. <i>Annals of Thoracic Surgery</i> , 1998, 66, 1210-1215.	0.7	19
93	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> , 1999, 11, 761-768.	0.8	19
94	Modulation of Nitric Oxide and 6-keto-Prostaglandin $F_{1\alpha}$ Production in Bovine Aortic Endothelial Cells by Conjugated Linoleic Acid. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2004, 11, 211-220.	1.7	19
95	Ethanol inhibits monocyte chemotactic protein-1 expression in interleukin- 1β -activated human endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H1669-H1675.	1.5	19
96	Inhibition of Patched-1 Prevents Injury-Induced Neointimal Hyperplasia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1960-1964.	1.1	19
97	Hedgehog and Resident Vascular Stem Cell Fate. <i>Stem Cells International</i> , 2015, 2015, 1-16.	1.2	18
98	Exosomal Composition, Biogenesis and Profiling Using Point-of-Care Diagnosticsâ€”Implications for Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	18
99	Altered expression of inhibitory guanine nucleotide regulatory proteins (Gi-proteins) in experimental hepatocellular carcinoma. , 1998, 175, 295-304.		17
100	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> , 2014, 358, 203-216.	1.5	17
101	Unusual degree of selectivity in diamantane derivatizations. <i>Tetrahedron Letters</i> , 1990, 31, 5417-5420.	0.7	15
102	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> , 2013, 12, 671-683.	1.4	15
103	Glucose attenuates hypoxia-induced changes in endothelial cell growth by inhibiting HIF- 1α expression. <i>Diabetes and Vascular Disease Research</i> , 2014, 11, 270-280.	0.9	15
104	Plasminogen activator inhibitor-1 deficiency enhances flow-induced smooth muscle cell migration. <i>Thrombosis Research</i> , 2004, 114, 57-65.	0.8	14
105	The role of pulsatile flow in controlling microvascular retinal endothelial and pericyte cell apoptosis and proliferation. <i>Cardiovascular Research</i> , 2011, 89, 661-670.	1.8	14
106	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> , 2016, 30, 1334-1349.	1.2	14
107	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> , 2004, 41, 364-374.	0.6	13
108	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> , 2005, 94, 639-645.	1.8	13

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109	Compliance properties of a composite electrospun fibre " hydrogel blood vessel scaffold. <i>Materials Letters</i> , 2016, 178, 296-299.	1.3	13
110	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> , 2018, 1865, 343-353.	1.9	13
111	Loss of angiotensin-II receptors in portal hypertensive rabbits. <i>Hepatology</i> , 1995, 22, 559-564.	3.6	12
112	Enhanced G-protein-induced relaxation in portal hypertensive rats: Role of nitric oxide. <i>Hepatology</i> , 1997, 26, 27-33.	3.6	12
113	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> , 2004, 24, 457-463.	1.1	12
114	Altered Gq/G11 guanine nucleotide regulatory protein expression in a rat model of hepatocellular carcinoma: Role in mitogenesis. <i>Hepatology</i> , 1999, 29, 371-378.	3.6	11
115	Investigational Notch and Hedgehog inhibitors " therapies for cardiovascular disease. <i>Expert Opinion on Investigational Drugs</i> , 2011, 20, 1649-1664.	1.9	11
116	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> , 2017, 41, 2051-2065.	1.4	11
117	The "BlueScreen HC"™ assay as a decision making test in the genotoxicity assessment of flavour and fragrance materials. <i>Toxicology in Vitro</i> , 2015, 29, 1425-1435.	1.1	10
118	Nitric oxide synthase activity in portal hypertension. <i>Hepatology</i> , 1993, 18, A141.	3.6	10
119	Label-Free Multi Parameter Optical Interrogation of Endothelial Activation in Single Cells using a Lab on a Disc Platform. <i>Scientific Reports</i> , 2019, 9, 4157.	1.6	9
120	Decreased Angiotensin II Receptors Mediate Decreased Vascular Response in Hepatocellular Cancer. <i>Annals of Surgery</i> , 1996, 223, 225-231.	2.1	9
121	Ethanol Inhibits β -Secretase Proteolytic Activity in Vascular Smooth Muscle Cells. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 2115-2122.	1.4	8
122	Vasoconstrictor responsiveness of portal hypertensive vessels. <i>Clinical Science</i> , 1999, 96, 3-4.	1.8	6
123	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> , 2018, 314, H131-H137.	1.5	6
124	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> , 2021, 45, 2217-2230.	1.4	6
125	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> , 2020, 521, 762-768.	1.0	5
126	The calcium binding protein S100 β marks hedgehog-responsive resident vascular stem cells within vascular lesions. <i>Npj Regenerative Medicine</i> , 2021, 6, 10.	2.5	5

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127	Hemodynamic Regulation of Metallopeptidases within the Vasculature. Protein and Peptide Letters, 2004, 11, 433-442.	0.4	5
128	Nitric oxide and portal hypertension. Journal of Hepatology, 1995, 23, 355-356.	1.8	4
129	Regulation of atrial natriuretic factor receptors in portal hypertensive rabbits. Journal of Hepatology, 1996, 24, 185-193.	1.8	4
130	Disease-Relevant Single Cell Photonic Signatures Identify S100 β Stem Cells and their Myogenic Progeny in Vascular Lesions. Stem Cell Reviews and Reports, 2021, 17, 1713-1740.	1.7	3
131	Biosynthesis of Gold Nanoparticles by Vascular Cells in vitro. Frontiers in Microbiology, 2022, 13, 813511.	1.5	3
132	Vasoconstrictor responsiveness of portal hypertensive vessels. Clinical Science, 1999, 96, 3.	1.8	2
133	The NOX-ROS connection: targeting Nox1 control of N-cadherin shedding in vascular smooth muscle cells. Cardiovascular Research, 2012, 93, 386-387.	1.8	2
134	Hemodynamic Control of Vascular Smooth Muscle Function. , 2012, , 1231-1242.		2
135	Natriuretic Peptides and the Regulation of Retinal Neovascularization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 7-10.	1.1	2
136	Assembly of aligned polyvinyl alcohol-styrylpyridinium pendent group nanofibres for vascular tissue engineering applicationsg. Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanoengineering and Nanosystems, 2009, 223, 99-111.	0.1	1
137	The Dichotomy of Vascular Smooth Muscle Differentiation/De-Differentiation in Health and Disease. , 0, , .		1
138	8-HEDGEHOG responsive stem cell ANTIGEN-1/S100 β resident vascular stem cells contribute to neointimal formation. , 2018, , .		1
139	15-Characterisation of resident multipotent vascular stem cells (MVSCS) from susceptible and non-susceptible arteriosclerotic regions of the mouse aorta. , 2018, , .		1
140	Moderate Alcohol Consumption Targets S100 β + Vascular Stem Cells and Attenuates Injury-Induced Neointimal Hyperplasia. Alcoholism: Clinical and Experimental Research, 2020, 44, 1734-1746.	1.4	1
141	Inhibitory guanine nucleotide proteins regulate human hepatocellular carcinoma growth via a MAPK pathway. Gastroenterology, 1998, 114, A1337.	0.6	0
142	HH responsive cells contribute to vsmc accumulation following vascular injury. Atherosclerosis, 2016, 252, e235.	0.4	0
143	14-Generation of β -secretase inhibitor-loaded PLGA-Fe ₃ O ₄ magnetic nanoparticles. , 2018, , .		0
144	3-Injury-activated vascular cells share a common photonic fingerprint with stem cell-derived myogenic progeny following interrogation using a lab-on-a-disc (load) platform. , 2018, , .		0

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145	5â€...Resident S100 ² /SCA1+ multipotent vascular stem cells undergo myogenic and vasculogenic differentiation in vitro. , 2018, , .		0
146	11â€...The role of N-glycosylation of the NOTCH1 receptor in jagged1-stimulated myogenic differentiation in vitro. , 2018, , .		0
147	13â€...Stem-cell derived myogenic progeny enrich for vascular smooth muscle cell epigenetic marks at the myosin heavy chain 11 promoter <i>in vitro</i>. , 2018, , .		0
148	Decreased angiotensin-II receptors mediate decreased vascular response in hepatoma. Hepatology, 1993, 18, A156.	3.6	0
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