

Patricia A D'amore

List of Publications by Year in descending order

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189
papers

25,708
citations

8172

76
h-index

6831

155
g-index

191
all docs

191
docs citations

191
times ranked

22788
citing authors

#	ARTICLE	IF	CITATIONS
1	Soluble endoglin contributes to the pathogenesis of preeclampsia. <i>Nature Medicine</i> , 2006, 12, 642-649.	15.2	1,653
2	Blood Vessel Formation: What Is Its Molecular Basis?. <i>Cell</i> , 1996, 87, 1153-1155.	13.5	1,203
3	Engineering vascularized skeletal muscle tissue. <i>Nature Biotechnology</i> , 2005, 23, 879-884.	9.4	1,153
4	Regulators of Angiogenesis. <i>Annual Review of Physiology</i> , 1991, 53, 217-239.	5.6	905
5	VEGF-A stimulates lymphangiogenesis and hemangiogenesis in inflammatory neovascularization via macrophage recruitment. <i>Journal of Clinical Investigation</i> , 2004, 113, 1040-1050.	3.9	872
6	PDGF, TGF- β 2, and Heterotypic Cell-Cell Interactions Mediate Endothelial Cell-induced Recruitment of 10T1/2 Cells and Their Differentiation to a Smooth Muscle Fate. <i>Journal of Cell Biology</i> , 1998, 141, 805-814.	2.3	755
7	Impaired myocardial angiogenesis and ischemic cardiomyopathy in mice lacking the vascular endothelial growth factor isoforms VEGF164 and VEGF188. <i>Nature Medicine</i> , 1999, 5, 495-502.	15.2	618
8	Inflammation-induced lymphangiogenesis in the cornea arises from CD11b-positive macrophages. <i>Journal of Clinical Investigation</i> , 2005, 115, 2363-2372.	3.9	608
9	Inhibition of capillary endothelial cell growth by pericytes and smooth muscle cells.. <i>Journal of Cell Biology</i> , 1987, 105, 1455-1462.	2.3	589
10	Vascular endothelial growth factor and its receptors. <i>Cytokine and Growth Factor Reviews</i> , 1996, 7, 259-270.	3.2	547
11	Endogenous VEGF Is Required for Visual Function: Evidence for a Survival Role on Müller Cells and Photoreceptors. <i>PLoS ONE</i> , 2008, 3, e3554.	1.1	537
12	Vascular development: cellular and molecular regulation. <i>FASEB Journal</i> , 1997, 11, 365-373.	0.2	488
13	An essential role for RPE-derived soluble VEGF in the maintenance of the choriocapillaris. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18751-18756.	3.3	462
14	VEGF164-mediated Inflammation Is Required for Pathological, but Not Physiological, Ischemia-induced Retinal Neovascularization. <i>Journal of Experimental Medicine</i> , 2003, 198, 483-489.	4.2	413
15	Decreased Macrophage Number and Activation Lead to Reduced Lymphatic Vessel Formation and Contribute to Impaired Diabetic Wound Healing. <i>American Journal of Pathology</i> , 2007, 170, 1178-1191.	1.9	413
16	Growth factors are released by mechanically wounded endothelial cells.. <i>Journal of Cell Biology</i> , 1989, 109, 811-822.	2.3	411
17	Microvascular pericytes contain muscle and nonmuscle actins.. <i>Journal of Cell Biology</i> , 1985, 101, 43-52.	2.3	385
18	Pericyte production of cell-associated VEGF is differentiation-dependent and is associated with endothelial survival. <i>Developmental Biology</i> , 2003, 264, 275-288.	0.9	353

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19	Development and pathology of the hyaloid, choroidal and retinal vasculature. International Journal of Developmental Biology, 2004, 48, 1045-1058.	0.3	349
20	Endothelial Cells Modulate the Proliferation of Mural Cell Precursors via Platelet-Derived Growth Factor-BB and Heterotypic Cell Contact. Circulation Research, 1999, 84, 298-305.	2.0	307
21	Mechanisms of Angiogenesis. Annual Review of Physiology, 1987, 49, 453-464.	5.6	303
22	Blood vessel maturation: vascular development comes of age. Journal of Clinical Investigation, 1999, 103, 157-158.	3.9	287
23	The Mouse Gene for Vascular Endothelial Growth Factor. Journal of Biological Chemistry, 1996, 271, 3877-3883.	1.6	270
24	Demonstration of vasoproliferative activity from mammalian retina.. Journal of Cell Biology, 1980, 84, 298-304.	2.3	267
25	IGF2: Epigenetic regulation and role in development and disease. Cytokine and Growth Factor Reviews, 2008, 19, 111-120.	3.2	266
26	Hypoxic induction of vascular endothelial growth factor (VEGF) in human epithelial cells is mediated by increases in mRNA stability. FEBS Letters, 1995, 370, 203-208.	1.3	263
27	Vascular Endothelial Growth Factor Localization in the Adult. American Journal of Pathology, 2006, 168, 639-648.	1.9	246
28	Epoxyeicosanoids stimulate multiorgan metastasis and tumor dormancy escape in mice. Journal of Clinical Investigation, 2012, 122, 178-191.	3.9	242
29	NLRP3 Inflammasome Activation in Retinal Pigment Epithelial Cells by Lysosomal Destabilization: Implications for Age-Related Macular Degeneration. , 2013, 54, 110.		230
30	RhoA/ROCK signaling is essential for multiple aspects of VEGF-mediated angiogenesis. FASEB Journal, 2010, 24, 3186-3195.	0.2	229
31	Arteriolar and venular patterning in retinas of mice selectively expressing VEGF isoforms. Journal of Clinical Investigation, 2002, 109, 327-336.	3.9	229
32	Endothelial cell mitogens derived from retina and hypothalamus: biochemical and biological similarities.. Journal of Cell Biology, 1984, 99, 1545-1549.	2.3	228
33	Arterial versus venous endothelial cells. Cell and Tissue Research, 2009, 335, 5-16.	1.5	225
34	VEGF Expression and Receptor Activation in the Choroid during Development and in the Adult. , 2006, 47, 3135.		204
35	Vascular Endothelial Growth Factor-Induced Migration of Vascular Smooth Muscle Cells in Vitro. Microvascular Research, 1999, 58, 128-136.	1.1	197
36	Role of shear-stress-induced VEGF expression in endothelial cell survival. Journal of Cell Science, 2012, 125, 831-843.	1.2	193

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37	Culture of retinal capillary cells using selective growth media. <i>Microvascular Research</i> , 1983, 26, 74-80.	1.1	183
38	Forty-Year Journey of Angiogenesis Translational Research. <i>Science Translational Medicine</i> , 2011, 3, 114rv3.	5.8	181
39	TGF- β 2 Is Required for Vascular Barrier Function, Endothelial Survival and Homeostasis of the Adult Microvasculature. <i>PLoS ONE</i> , 2009, 4, e5149.	1.1	179
40	Heparin potentiates the action of acidic fibroblast growth factor by prolonging its biological half-life. <i>Journal of Cellular Physiology</i> , 1989, 138, 221-226.	2.0	177
41	VEGF and TGF- β 2 are required for the maintenance of the choroid plexus and ependyma. <i>Journal of Experimental Medicine</i> , 2008, 205, 491-501.	4.2	175
42	Signal transduction in vasculogenesis and developmental angiogenesis. <i>International Journal of Developmental Biology</i> , 2011, 55, 353-363.	0.3	173
43	Roles for VEGF in the adult. <i>Microvascular Research</i> , 2007, 74, 100-113.	1.1	164
44	Growth Factor Effects on Cells of the Vascular Wall: A Survey. <i>Growth Factors</i> , 1993, 8, 61-75.	0.5	162
45	Acidic fibroblast growth factor enhances regeneration of processes by postnatal mammalian retinal ganglion cells in culture.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 2388-2392.	3.3	161
46	A Brief History of Anti-VEGF for the Treatment of Ocular Angiogenesis. <i>American Journal of Pathology</i> , 2012, 181, 376-379.	1.9	160
47	Modes of FGF release in vivo and in vitro. <i>Cancer and Metastasis Reviews</i> , 1990, 9, 227-238.	2.7	158
48	Tumor Escape from Endogenous, Extracellular Matrix-Associated Angiogenesis Inhibitors by Up-Regulation of Multiple Proangiogenic Factors. <i>Clinical Cancer Research</i> , 2008, 14, 1529-1539.	3.2	157
49	Expression and Role of VEGF in the Adult Retinal Pigment Epithelium. , 2011, 52, 9478.		153
50	Defective Pulmonary Development in the Absence of Heparin-Binding Vascular Endothelial Growth Factor Isoforms. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 27, 194-203.	1.4	148
51	What tangled webs they weave: Rho-GTPase control of angiogenesis. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 2053-2065.	2.4	141
52	Angiogenic activity from bovine retina: partial purification and characterization.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1981, 78, 3068-3072.	3.3	137
53	Analysis of Hypoxia-Related Gene Expression in Sarcomas and Effect of Hypoxia on RNA Interference of Vascular Endothelial Cell Growth Factor A. <i>Cancer Research</i> , 2005, 65, 5881-5889.	0.4	134
54	Neurite outgrowth induced by an endothelial cell mitogen isolated from retina.. <i>Journal of Cell Biology</i> , 1986, 103, 1363-1367.	2.3	132

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55	Disorders of Vascular Permeability. Annual Review of Pathology: Mechanisms of Disease, 2016, 11, 251-281.	9.6	127
56	Epoxyeicosanoids promote organ and tissue regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13528-13533.	3.3	124
57	VEGFR1 signaling in retinal angiogenesis and microinflammation. Progress in Retinal and Eye Research, 2021, 84, 100954.	7.3	123
58	Nerve growth factor and fibroblast growth factor regulate neurite outgrowth and gene expression in PC12 cells via both protein kinase C- and cAMP-independent mechanisms.. Journal of Cell Biology, 1990, 110, 1333-1339.	2.3	121
59	Acidic fibroblast growth factor stimulates adrenal chromaffin cells to proliferate and to extend neurites, but is not a long term survival factor. Neuron, 1988, 1, 783-790.	3.8	118
60	Stimulation of growth and calcium influx in cultured, bovine, aortic endothelial cells by platelets and vasoactive substances. Journal of Cellular Physiology, 1977, 92, 177-183.	2.0	115
61	Adult tissues contain chemo-attractants for vascular endothelial cells. Nature, 1980, 288, 483-484.	13.7	112
62	Comparative Toxicity of Mitomycin C and 5-Fluorouracil In Vitro. American Journal of Ophthalmology, 1994, 118, 332-337.	1.7	111
63	Transcriptional regulation of vascular endothelial growth factor in cancer. Cytokine and Growth Factor Reviews, 2005, 16, 77-89.	3.2	111
64	Coordinated Vascular Endothelial Growth Factor Expression and Signaling During Skeletal Myogenic Differentiation. Molecular Biology of the Cell, 2008, 19, 994-1006.	0.9	110
65	Genome editing abrogates angiogenesis in vivo. Nature Communications, 2017, 8, 112.	5.8	110
66	Endothelial cell-astrocyte interactions and TGF β ² are required for induction of blood-neural barrier properties. Developmental Brain Research, 2004, 152, 25-38.	2.1	109
67	Cell cell interactions in vascular development. Current Topics in Developmental Biology, 2001, 52, 107-149.	1.0	104
68	Characterization of vascular development in the mouse retina. Microvascular Research, 1988, 36, 275-290.	1.1	103
69	Adult human saphenous vein endothelial cells: Assessment of their reproductive capacity for use in endothelial seeding of vascular prostheses. Journal of Surgical Research, 1984, 36, 588-596.	0.8	102
70	Cultured endothelial cells display endogenous activation of the canonical Wnt signaling pathway and express multiple ligands, receptors, and secreted modulators of Wnt signaling. Developmental Dynamics, 2006, 235, 3110-3120.	0.8	99
71	Retinal pigment epithelium and endothelial cell interaction causes retinal pigment epithelial barrier dysfunction via a soluble VEGF-dependent mechanism. Experimental Eye Research, 2003, 77, 593-599.	1.2	96
72	Elevated basic fibroblast growth factor in the serum of patients with Duchenne muscular dystrophy. Annals of Neurology, 1994, 35, 362-365.	2.8	83

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73	Arachidonic Acid Metabolites in bFGF-, PDGF-, and Serum-Stimulated Vascular Cell Growth. <i>Experimental Cell Research</i> , 1994, 212, 262-273.	1.2	83
74	Optic nerve injury alters basic fibroblast growth factor localization in the retina and optic tract. <i>Journal of Neuroscience</i> , 1994, 14, 1441-1449.	1.7	81
75	Regulation of basic fibroblast growth factor (bFGF) gene and protein expression following its release from sublethally injured endothelial cells. <i>Journal of Cellular Biochemistry</i> , 1995, 58, 328-343.	1.2	80
76	Vascular endothelial growth factor is important for brown adipose tissue development and maintenance. <i>FASEB Journal</i> , 2013, 27, 3257-3271.	0.2	80
77	Sulfated glycosaminoglycans modify growth factor-induced neurite outgrowth in PC12 cells. <i>Journal of Cellular Physiology</i> , 1988, 135, 293-300.	2.0	79
78	Breast cancer cells secreted platelet-derived growth factor-induced motility of vascular smooth muscle cells is mediated through neuropilin-1. <i>Molecular Carcinogenesis</i> , 2006, 45, 871-880.	1.3	79
79	The Demonstration of Angiogenic Activity from Ocular Tissues. <i>Ophthalmology</i> , 1980, 87, 440-446.	2.5	78
80	Mechanisms of Endothelial Growth Control. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1992, 6, 1-8.	1.4	77
81	Cellular interactions in vascular growth and differentiation. <i>International Review of Cytology</i> , 2001, 204, 1-48.	6.2	77
82	Endothelial-Mesenchymal Interactions In Vitro Reveal Molecular Mechanisms of Smooth Muscle/Pericyte Differentiation. <i>Stem Cells and Development</i> , 2004, 13, 509-520.	1.1	77
83	Vasoactive hormones and cAMP affect pericyte contraction and stress fibres in vitro. <i>Journal of Muscle Research and Cell Motility</i> , 1988, 9, 184-194.	0.9	75
84	Influence of Pericytes on Capillary Endothelial Cell Growth. <i>The American Review of Respiratory Disease</i> , 1989, 140, 1129-1131.	2.9	74
85	Cell specific effects of glycosaminoglycans on the attachment and proliferation of vascular wall components. <i>Microvascular Research</i> , 1986, 31, 41-53.	1.1	73
86	Endothelial cell regulation by transforming growth factor-beta. <i>Journal of Cellular Biochemistry</i> , 1991, 47, 224-229.	1.2	72
87	Vascular Endothelial Cell Growth Factor-A. <i>American Journal of Pathology</i> , 2007, 171, 14-18.	1.9	72
88	The function of vascular endothelial growth factor. <i>BioFactors</i> , 2009, 35, 332-337.	2.6	70
89	Inhibition of VEGF or TGF- β 2 Signaling Activates Endothelium and Increases Leukocyte Rolling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1185-1192.	1.1	63
90	Revisiting the mouse model of oxygen-induced retinopathy. <i>Eye and Brain</i> , 2016, 8, 67.	3.8	61

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91	Endomucin prevents leukocyte-endothelial cell adhesion and has a critical role under resting and inflammatory conditions. <i>Nature Communications</i> , 2016, 7, 10363.	5.8	61
92	Neuroprotective effect of chronic infusion of basic fibroblast growth factor on seizure-associated hippocampal damage. <i>Brain Research</i> , 1993, 626, 335-338.	1.1	60
93	Endomucin inhibits VEGF-induced endothelial cell migration, growth, and morphogenesis by modulating VEGFR2 signaling. <i>Scientific Reports</i> , 2017, 7, 17138.	1.6	59
94	Chapter 16 Pericyte Isolation and Use in Endothelial/Pericyte Coculture Models. <i>Methods in Enzymology</i> , 2008, 443, 315-331.	0.4	58
95	The Role of Shear-Induced Transforming Growth Factor- β Signaling in the Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2608-2617.	1.1	58
96	Wnt1 and Wnt5a affect endothelial proliferation and capillary length; Wnt2 does not. <i>Growth Factors</i> , 2007, 25, 25-32.	0.5	57
97	Identification of RUNX1 as a Mediator of Aberrant Retinal Angiogenesis. <i>Diabetes</i> , 2017, 66, 1950-1956.	0.3	56
98	Identification and Cloning of a Secreted Protein Related to the Cysteine-Rich Domain of Frizzled. <i>Circulation Research</i> , 1999, 84, 1433-1445.	2.0	55
99	VEGF expression is downregulated in nitrofen-induced congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2004, 39, 825-828.	0.8	55
100	The Maintenance of Lymphatic Vessels in the Cornea Is Dependent on the Presence of Macrophages. , 2012, 53, 3145.		55
101	Oxidized Lipoprotein Uptake Through the CD36 Receptor Activates the NLRP3 Inflammasome in Human Retinal Pigment Epithelial Cells. , 2016, 57, 4704.		54
102	CADASIL mutations impair Notch3 glycosylation by Fringe. <i>Human Molecular Genetics</i> , 2005, 14, 1631-1639.	1.4	53
103	The Role of Hypoxia in Vascular Injury and Repair. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2008, 3, 615-643.	9.6	53
104	TGF- β signaling is required for maintenance of retinal ganglion cell differentiation and survival. <i>Neuroscience</i> , 2011, 189, 123-131.	1.1	53
105	Differential Effects of VEGFR-1 and VEGFR-2 Inhibition on Tumor Metastases Based on Host Organ Environment. <i>Cancer Research</i> , 2010, 70, 8357-8367.	0.4	52
106	Contextual role for angiopoietins and TGF β 21 in blood vessel stabilization. <i>Journal of Cell Science</i> , 2007, 120, 1810-1817.	1.2	50
107	Therapeutic antibody targeting of Notch3 signaling prevents mural cell loss in CADASIL. <i>Journal of Experimental Medicine</i> , 2017, 214, 2271-2282.	4.2	49
108	Identification of genes involved in VEGF-mediated vascular morphogenesis using embryonic stem cell-derived cystic embryoid bodies. <i>Laboratory Investigation</i> , 2004, 84, 1209-1218.	1.7	48

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109	Comparison of normal and tumorigenic endothelial cells: Differences in thrombospondin production and responses to transforming growth factor-beta. <i>Journal of Cell Science</i> , 1994, 107, 39-46.	1.2	48
110	Comparison of the Effects of Mechanical Stimulation on Venous and Arterial Smooth Muscle Cells in vitro. <i>Journal of Vascular Research</i> , 1996, 33, 405-413.	0.6	47
111	Editing <i>VEGFR2</i> Blocks VEGF-Induced Activation of Akt and Tube Formation. , 2017, 58, 1228.		47
112	Repression of Vascular Endothelial Growth Factor Expression by the Zinc Finger Transcription Factor ZNF24. <i>Cancer Research</i> , 2007, 67, 8736-8741.	0.4	46
113	Density-dependent endothelial cell production of an inhibitor of smooth muscle cell growth. <i>Journal of Cellular Biochemistry</i> , 1993, 53, 21-31.	1.2	44
114	The Role of RPE Cell-Associated VEGF ¹⁸⁹ in Choroidal Endothelial Cell Transmigration across the RPE. , 2011, 52, 570.		43
115	Won't You Be My Neighbor? Local Induction of Arteriogenesis. <i>Cell</i> , 2002, 110, 289-292.	13.5	42
116	From Pathobiology to the Targeting of Pericytes for the Treatment of Diabetic Retinopathy. <i>Current Diabetes Reports</i> , 2015, 15, 573.	1.7	42
117	Functional analysis of a mutant form of the receptor tyrosine kinase Tie2 causing venous malformations. <i>Journal of Molecular Medicine</i> , 2005, 83, 58-63.	1.7	41
118	Getting Tie(2)d up in angiogenesis. <i>Journal of Clinical Investigation</i> , 2002, 110, 1615-1617.	3.9	40
119	Tamoxifen Toxicity in Cultured Retinal Pigment Epithelial Cells Is Mediated by Concurrent Regulated Cell Death Mechanisms. , 2014, 55, 4747.		39
120	Heparin-Mediated Release of Fibroblast Growth Factor-Like Activity into the Circulation of Rabbits. <i>Growth Factors</i> , 1990, 3, 221-229.	0.5	38
121	Therapeutic angiogenesis for cardiovascular disease. <i>Current Controlled Trials in Cardiovascular Medicine</i> , 2001, 2, 278.	1.5	38
122	Antiangiogenesis as a Strategy for Antimetastasis. <i>Seminars in Thrombosis and Hemostasis</i> , 1988, 14, 73-78.	1.5	33
123	Is blockade of vascular endothelial growth factor beneficial for all types of diabetic retinopathy?. <i>Diabetologia</i> , 2008, 51, 1570-1573.	2.9	33
124	Transcriptional repression of VEGF by ZNF24: mechanistic studies and vascular consequences in vivo. <i>Blood</i> , 2013, 121, 707-715.	0.6	31
125	ErbB2 overexpression in mammary cells upregulates VEGF through the core promoter. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 455-465.	1.0	30
126	Vascular endothelial growth factor (VEGF) isoform regulation of early forebrain development. <i>Developmental Biology</i> , 2011, 358, 9-22.	0.9	30

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127	AAV-CRISPR/Cas9-Mediated Depletion of VEGFR2 Blocks Angiogenesis In Vitro. , 2017, 58, 6082.		30
128	Effects of hyperoxia on microvascular cells in vitro. In Vitro Cellular & Developmental Biology, 1987, 23, 123-128.	1.0	29
129	Tumor angiogenesis: A physiological process or genetically determined?. Cancer and Metastasis Reviews, 1996, 15, 205-212.	2.7	29
130	Expression and Role of VEGF-A in the Ciliary Body. , 2012, 53, 7520.		28
131	The Clustered, Regularly Interspaced, Short Palindromic Repeats-associated Endonuclease 9 (CRISPR/Cas9)-created MDM2 T309G Mutation Enhances Vitreous-induced Expression of MDM2 and Proliferation and Survival of Cells. Journal of Biological Chemistry, 2016, 291, 16339-16347.	1.6	28
132	Molecular regulation of vascular endothelial growth factor expression in the retinal pigment epithelium. Molecular Vision, 2012, 18, 519-27.	1.1	28
133	Cell culture models to study retinal pigment epithelium-related pathogenesis in age-related macular degeneration. Experimental Eye Research, 2022, 222, 109170.	1.2	27
134	Elevated levels of basic fibroblast growth factor in patients with limb ischemia. American Heart Journal, 1996, 132, 1015-1019.	1.2	26
135	Retinal Microangiopathy in a Mouse Model of Inducible Mural Cell Loss. American Journal of Pathology, 2014, 184, 2618-2626.	1.9	26
136	Calcium flux and ornithine decarboxylase activity in cultured endothelial cells. Life Sciences, 1978, 22, 571-576.	2.0	25
137	Capillary endothelial cell migration: loss of stress fibres in response to retina-derived growth factor. Journal of Muscle Research and Cell Motility, 1984, 5, 697-709.	0.9	25
138	Cell-cell interactions in vessel assembly: a model for the fundamentals of vascular remodelling. Transplant Immunology, 1997, 5, 177-178.	0.6	25
139	Role of Cell and Matrix-Bound VEGF Isoforms in Lens Development. , 2009, 50, 311.		24
140	Notch Signaling Functions in Retinal Pericyte Survival. , 2014, 55, 5191.		23
141	Orbital Angiogenesis and Lymphangiogenesis in Thyroid Eye Disease. Ophthalmology, 2016, 123, 2028-2036.	2.5	23
142	Update on the Role of the Endothelial Glycocalyx in Angiogenesis and Vascular Inflammation. Frontiers in Cell and Developmental Biology, 2021, 9, 734276.	1.8	23
143	Alterations in gene expression associated with changes in the state of endothelial differentiation. Differentiation, 1995, 58, 217-226.	1.0	22
144	Seeding of dacron vascular prostheses with endothelium of aortic origin. Journal of Surgical Research, 1983, 34, 33-43.	0.8	20

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145	Cell-Cell Interactions in Diabetic Angiopathy. <i>Diabetes Care</i> , 1992, 15, 1168-1180.	4.3	20
146	First annual Lamport award manuscript. <i>Microvascular Research</i> , 1978, 15, 137-145.	1.1	19
147	Expression of fibroblast growth factor by F9 teratocarcinoma cells as a function of differentiation.. <i>Journal of Cell Biology</i> , 1989, 108, 2467-2476.	2.3	19
148	Glycocalyx regulation of vascular endothelial growth factor receptor 2 activity. <i>FASEB Journal</i> , 2019, 33, 9362-9373.	0.2	19
149	The American microcirculatory society landis award lecture. <i>Microvascular Research</i> , 1988, 35, ii-264.	1.1	18
150	Heparin and Growth Control of Vascular Cells. <i>Annals of the New York Academy of Sciences</i> , 1989, 556, 255-267.	1.8	17
151	Neuropilin 1 Receptor Is Up-Regulated in Dysplastic Epithelium and Oral Squamous Cell Carcinoma. <i>American Journal of Pathology</i> , 2016, 186, 1055-1064.	1.9	17
152	Introduction of the <i>MDM2</i> T309G Mutation in Primary Human Retinal Epithelial Cells Enhances Experimental Proliferative Vitreoretinopathy. , 2017, 58, 5361.		17
153	Prevention of Proliferative Vitreoretinopathy by Suppression of Phosphatidylinositol 5-Phosphate 4-Kinases. , 2016, 57, 3935.		16
154	Blood biomarkers in a mouse model of CADASIL. <i>Brain Research</i> , 2016, 1644, 118-126.	1.1	16
155	Regulation of soluble neuropilin 1, an endogenous angiogenesis inhibitor, in liver development and regeneration. <i>Pathology</i> , 2014, 46, 416-423.	0.3	15
156	ADAM10 and ADAM17 proteases mediate proinflammatory cytokine-induced and constitutive cleavage of endomucin from the endothelial surface. <i>Journal of Biological Chemistry</i> , 2020, 295, 6641-6651.	1.6	15
157	Tales of the cryptic: unveiling more angiogenesis inhibitors. <i>Trends in Molecular Medicine</i> , 2002, 8, 313-315.	3.5	14
158	Heat treatment of retinal pigment epithelium induces production of elastic lamina components and antiangiogenic activity. <i>FASEB Journal</i> , 2012, 26, 567-575.	0.2	14
159	Neuropilin 1 expression correlates with differentiation status of epidermal cells and cutaneous squamous cell carcinomas. <i>Laboratory Investigation</i> , 2014, 94, 752-765.	1.7	14
160	Use of size-exclusion and ion-exchange high-performance liquid chromatography for the isolation of biologically active growth factors. <i>Journal of Chromatography A</i> , 1983, 266, 301-311.	1.8	13
161	Density-dependent expression of hyaluronic acid binding to vascular cells in vitro. <i>Microvascular Research</i> , 1991, 41, 239-251.	1.1	12
162	Elements of the Endomucin Extracellular Domain Essential for VEGF-Induced VEGFR2 Activity. <i>Cells</i> , 2020, 9, 1413.	1.8	11

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163	Targeting of miR-33 ameliorates phenotypes linked to age-related macular degeneration. <i>Molecular Therapy</i> , 2021, 29, 2281-2293.	3.7	11
164	Coculture Assays for Endothelial Cells-Mural Cells Interactions. <i>Methods in Molecular Biology</i> , 2016, 1464, 35-47.	0.4	11
165	Rapid fibroblast growth factor-induced increases in protein phosphorylation and ornithine decarboxylase activity: Regulation by heparin and comparison to nerve growth factor-induced increases. <i>Experimental Cell Research</i> , 1992, 201, 154-159.	1.2	10
166	Application of CRISPR-Cas9 in eye disease. <i>Experimental Eye Research</i> , 2017, 161, 116-123.	1.2	10
167	Characterization of cells from patient-derived fibrovascular membranes in proliferative diabetic retinopathy. <i>Molecular Vision</i> , 2015, 21, 673-87.	1.1	10
168	Culture of large vessel endothelial cells on floating collagen gels promotes a phenotype characteristic of endothelium in vivo. <i>Differentiation</i> , 2004, 72, 162-170.	1.0	9
169	Intracellular Thiol Redox Status Regulates Lymphangiogenesis and Dictates Corneal Limbal Graft Survival. , 2010, 51, 2450.		9
170	Kissing Cousinsâ€”evidence for a common vascular cell precursor.. <i>Nature Medicine</i> , 2000, 6, 1323-1324.	15.2	7
171	Judah Folkman's Contribution to the Inhibition of Angiogenesis. <i>Lymphatic Research and Biology</i> , 2008, 6, 203-207.	0.5	7
172	Galectin-3 Enhances Vascular Endothelial Growth Factor-A Receptor 2 Activity in the Presence of Vascular Endothelial Growth Factor. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 734346.	1.8	7
173	The location and expression of fibroblast growth factor (FGF) in F9 visceral and parietal embryonic cells after retinoic acid-induced differentiation. <i>Differentiation</i> , 1992, 50, 141-152.	1.0	6
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