David O Bates

List of Publications by Year
in descending order

206 papers	13,355 citations	18482 62 h-index	26613 107 g-index
208 all docs	208 docs citations	208 times ranked	14483 citing authors

#	Article	IF	Citations
1	Noninvasive Measurement of Retinal Microvascular Permeability During Loss of Endothelial Quiescence. Methods in Molecular Biology, 2022, 2441, 135-156.	0.9	0
2	Measurement of Revascularization in the Hind Limb After Experimental Ischemia in Mice. Methods in Molecular Biology, 2022, 2441, 105-113.	0.9	0
3	Transmission Electron Microscopy of Endothelium. Methods in Molecular Biology, 2022, 2441, 95-103.	0.9	0
4	Quantification of Angiogenesis in Laser Choroidal Neovascularization. Methods in Molecular Biology, 2022, 2441, 223-231.	0.9	0
5	Hypoxia-induced carbonic anhydrase mediated dorsal horn neuron activation and induction of neuropathic pain. Pain, 2022, 163, 2264-2279.	4.2	8
6	Serine-arginine-rich protein kinase-1 inhibition for the treatment of diabetic retinopathy. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H1014-H1027.	3.2	6
7	Inhibition of serine/arginine-rich protein kinase-1 (SRPK1) prevents cholangiocarcinoma cells induced angiogenesis. Toxicology in Vitro, 2022, 82, 105385.	2.4	3
8	Extended lifespan of bronchial epithelial cells maintains normal cellular phenotype and transcriptome integrity. ERJ Open Research, 2021, 7, 00254-2020.	2.6	0
9	Effect of Combining EGFR Tyrosine Kinase Inhibitors and Cytotoxic Agents on Cholangiocarcinoma Cells. Cancer Research and Treatment, 2021, 53, 457-470.	3.0	9
10	A drug-repositioning screen using splicing-sensitive fluorescent reporters identifies novel modulators of VEGF-A splicing with anti-angiogenic properties. Oncogenesis, 2021, 10, 36.	4.9	5
11	Hydrogen Sulfide Is a Novel Protector of the Retinal Glycocalyx and Endothelial Permeability Barrier. Frontiers in Cell and Developmental Biology, 2021, 9, 724905.	3.7	6
12	The intersection of big data and epidemiology for epidemiologic research: The impact of the COVID-19 pandemic. International Journal for Quality in Health Care, 2021, 33, .	1.8	5
13	Co-Clinical Trials: An Innovative Drug Development Platform for Cholangiocarcinoma. Pharmaceuticals, 2021, 14, 51.	3.8	7
14	Structural assessment of SARS-CoV2 accessory protein ORF7a predicts LFA-1 and Mac-1 binding potential. Bioscience Reports, 2021, 41, .	2.4	20
15	Phenotypic and functional translation of IL33 genetics in asthma. Journal of Allergy and Clinical Immunology, 2021, 147, 144-157.	2.9	29
16	Nonâ€invasive measurement of retinal permeability in a diabetic rat model. Microcirculation, 2020, 27, e12623.	1.8	12
17	Non-canonical Wnt signalling regulates scarring in biliary disease via the planar cell polarity receptors. Nature Communications, 2020, 11, 445.	12.8	31
18	Blocking endothelial apoptosis revascularizes the retina in a model of ischemic retinopathy. Journal of Clinical Investigation, 2020, 130, 4235-4251.	8.2	15

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19	Local microvascular leakage promotes trafficking of activated neutrophils to remote organs. Journal of Clinical Investigation, 2020, 130, 2301-2318.	8.2	48
20	Cervical cancer in low and middleâ€'income countries (Review). Oncology Letters, 2020, 20, 2058-2074.	1.8	185
21	A multinational review: Oesophageal cancer in low to middleâ€'income countries (Review). Oncology Letters, 2020, 20, 42.	1.8	9
22	The VEGF-A exon 8 splicing-sensitive fluorescent reporter mouse is a novel tool to assess the effects of splicing regulatory compounds in vivo. RNA Biology, 2019, 16, 1672-1681.	3.1	5
23	Enhanced notch signaling modulates unproductive revascularization in response to nitric oxideâ€angiopoietin signaling in a mouse model of peripheral ischemia. Microcirculation, 2019, 26, e12549.	1.8	6
24	An FBXW7-ZEB2 axis links EMT and tumour microenvironment to promote colorectal cancer stem cells and chemoresistance. Oncogenesis, 2019, 8, 13.	4.9	99
25	Activation of Notch signaling by soluble Dll4 decreases vascular permeability via a cAMP/PKA-dependent pathway. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H1065-H1075.	3.2	18
26	VEGFC Reduces Glomerular Albumin Permeability and Protects Against Alterations in VEGF Receptor Expression in Diabetic Nephropathy. Diabetes, 2019, 68, 172-187.	0.6	47
27	Medication Use for Childhood Pneumonia at a Childrenâ€™s Hospital in Shanghai, China: Analysis of Pattern Mining Algorithms. JMIR Medical Informatics, 2019, 7, e12577.	2.6	1
28	Vascular Endothelial Growth Factor-A₁₆₅b Restores Normal Glomerular Water Permeability in a Diphtheria-Toxin Mouse Model of Glomerular Injury. Nephron, 2018, 139, 51-62.	1.8	5
29	Perceptions of adopters versus non-adopters of a patient portal: an application of diffusion of innovation theory. BMJ Health and Care Informatics, 2018, 25, 149-157.	3.0	19
30	SRPK1 maintains acute myeloid leukemia through effects on isoform usage of epigenetic regulators including BRD4. Nature Communications, 2018, 9, 5378.	12.8	60
31	Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532.	7.2	429
32	Diabetesâ€induced microvascular complications at the level of the spinal cord: a contributing factor in diabetic neuropathic pain. Journal of Physiology, 2018, 596, 3675-3693.	2.9	26
33	Sensory neuronal sensitisation occurs through HMGB-1/ RAGE and TRPV1 in high glucose conditions. Journal of Cell Science, 2018, 131, .	2.0	31
34	Novel hemodynamic structures in the human glomerulus. American Journal of Physiology - Renal Physiology, 2018, 315, F1370-F1384.	2.7	25
35	Physiological Role of Vascular Endothelial Growth Factors as Homeostatic Regulators. , 2018, 8, 955-979.		24
36	Effects of hypoxia and hyperoxia on the differential expression of VEGF-A isoforms and receptors in Idiopathic Pulmonary Fibrosis (IPF). Respiratory Research, 2018, 19, 9.	3.6	28

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37	BDNF (Brain-Derived Neurotrophic Factor) Promotes Embryonic Stem Cells Differentiation to Endothelial Cells Via a Molecular Pathway, Including MicroRNA-214, EZH2 (Enhancer of Zeste Homolog) Tj ETQq1 1 0.784314 rgBT /Over 2018, 38, 2117-2125.	2.4	32
38	Activation of Notch signalling by soluble Dll4 decreases permeability via a cAMP/PKAâ€dependent pathway. FASEB Journal, 2018, 32, 846.6.	0.5	0
39	BOWMAN'S CAPSULE CORRECTED: UNDISCOVERED VASCULAR CHAMBERS IN THE RENAL GLOMERULUS. FASEB Journal, 2018, 32, .	0.5	0
40	Development of Potent, Selective SRPK1 Inhibitors as Potential Topical Therapeutics for Neovascular Eye Disease. ACS Chemical Biology, 2017, 12, 825-832.	3.4	78
41	Mechanisms regulating angiogenesis underlie seasonal control of pituitary function. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2514-E2523.	7.1	39
42	Sulfated Galactans from Red Seaweed Gracilaria fisheri Target EGFR and Inhibit Cholangiocarcinoma Cell Proliferation. The American Journal of Chinese Medicine, 2017, 45, 615-633.	3.8	15
43	Vascular endothelial growth factor-A165b ameliorates outer-retinal barrier and vascular dysfunction in the diabetic retina. Clinical Science, 2017, 131, 1225-1243.	4.3	36
44	Can the co-dependence of the immune system and angiogenesis facilitate pharmacological targeting of tumours?. Current Opinion in Pharmacology, 2017, 35, 66-74.	3.5	22
45	Sialic acids regulate microvessel permeability, revealed by novel in vivo studies of endothelial glycocalyx structure and function. Journal of Physiology, 2017, 595, 5015-5035.	2.9	98
46	Pharmacology of Modulators of Alternative Splicing. Pharmacological Reviews, 2017, 69, 63-79.	16.0	72
47	Regulation of human feto-placental endothelial barrier integrity by vascular endothelial growth factors: competitive interplay between VEGF-A165a, VEGF-A165b, PlGF and VE-cadherin. Clinical Science, 2017, 131, 2763-2775.	4.3	28
48	Sulfated galactans from the red seaweed Gracilaria fisheri exerts anti-migration effect on cholangiocarcinoma cells. Phytomedicine, 2017, 36, 59-67.	5.3	20
49	The mutant p53â€ID4 complex controls VEGFA isoforms by recruiting lncRNA MALAT1. EMBO Reports, 2017, 18, 1331-1351.	4.5	78
50	VEGFâ€A₁₆₅b protects against proteinuria in a mouse model with progressive depletion of all endogenous VEGFâ€A splice isoforms from the kidney. Journal of Physiology, 2017, 595, 6281-6298.	2.9	15
51	Differential Expression of VEGF-A_{xxx} Isoforms Is Critical for Development of Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 479-493.	5.6	58
52	Differential regulation of blood flowâ€induced neovascularization and mural cell recruitment by vascular endothelial growth factor and angiopoietin signalling. Journal of Physiology, 2017, 595, 1575-1591.	2.9	14
53	Models of Oxygen Induced Retinopathy in Rodents. Methods in Molecular Biology, 2016, 1430, 317-332.	0.9	9
54	Measurement of Angiogenesis, Arteriolargenesis, and Lymphangiogenesis Phenotypes by Use of Two-Dimensional Mesenteric Angiogenesis Assay. Methods in Molecular Biology, 2016, 1430, 345-354.	0.9	2

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55	The control of alternative splicing by SRSF1 in myelinated afferents contributes to the development of neuropathic pain. Neurobiology of Disease, 2016, 96, 186-200.	4.4	28
56	Altered ratios of pro- and anti-angiogenic VEGF-A variants and pericyte expression of DLL4 disrupt vascular maturation in infantile haemangioma. Journal of Pathology, 2016, 239, 139-151.	4.5	22
57	South African Herbal Extracts as Potential Chemopreventive Agents: Screening for Anticancer Splicing Activity. Methods in Molecular Biology, 2016, 1379, 201-211.	0.9	2
58	Awareness and Use of the After-Visit Summary Through a Patient Portal: Evaluation of Patient Characteristics and an Application of the Theory of Planned Behavior. Journal of Medical Internet Research, 2016, 18, e77.	4.3	23
59	Vascular endothelial growth factor-A165b prevents diabetic neuropathic pain and sensory neuronal degeneration. Clinical Science, 2015, 129, 741-756.	4.3	50
60	Alternative splicing of TIAâ€1 in human colon cancer regulates VEGF isoform expression, angiogenesis, tumour growth and bevacizumab resistance. Molecular Oncology, 2015, 9, 167-178.	4.6	76
61	Vascular Endothelial Growth Factor-A165b Is Protective and Restores Endothelial Glycocalyx in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2015, 26, 1889-1904.	6.1	112
62	IL-4 Regulates Specific Arg-1+ Macrophage sFlt-1â€"Mediated Inhibition of Angiogenesis. American Journal of Pathology, 2015, 185, 2324-2335.	3.8	33
63	The carboxyl terminus of VEGF-A is a potential target for anti-angiogenic therapy. Angiogenesis, 2015, 18, 23-30.	7.2	19
64	Regulation of vascular endothelial growth factor in prostate cancer. Endocrine-Related Cancer, 2015, 22, R107-R123.	3.1	47
65	Direct detection and measurement of wall shear stress using a filamentous bio-nanoparticle. Nano Research, 2015, 8, 3307-3315.	10.4	7
66	Serineâ€"arginine protein kinase 1 (SRPK1) inhibition as a potential novel targeted therapeutic strategy in prostate cancer. Oncogene, 2015, 34, 4311-4319.	5.9	122
67	LGR5 regulates pro-survival MEK/ERK and proliferative Wnt/Î²-catenin signalling in neuroblastoma. Oncotarget, 2015, 6, 40053-40067.	1.8	67
68	Novel mechanisms of resistance to vemurafenib in melanoma - V600E B-Raf reversion and switching VEGF-A splice isoform expression. American Journal of Cancer Research, 2015, 5, 433-41.	1.4	9
69	Circulating levels of anti-angiogenic VEGF-A isoform (VEGF-Axxxb) in colorectal cancer patients predicts tumour VEGF-A ratios. American Journal of Cancer Research, 2015, 5, 2083-9.	1.4	6
70	Targeting SRPK1 to control VEGF-mediated tumour angiogenesis in metastatic melanoma. British Journal of Cancer, 2014, 111, 477-485.	6.4	97
71	Antiangiogenic Actions of Vascular Endothelial Growth Factor-A ₁₆₅ b, an Inhibitory Isoform of Vascular Endothelial Growth Factor-A, in Human Obesity. Circulation, 2014, 130, 1072-1080.	1.6	65
72	Hallmarks of alternative splicing in cancer. Oncogene, 2014, 33, 5311-5318.	5.9	569

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73	An antiangiogenic isoform of VEGF-A contributes to impaired vascularization in peripheral artery disease. Nature Medicine, 2014, 20, 1464-1471.	30.7	164
74	Regulation of alternative VEGF-A mRNA splicing is a therapeutic target for analgesia. Neurobiology of Disease, 2014, 71, 245-259.	4.4	65
75	The role of VEGF-A165b in trophoblast survival. BMC Pregnancy and Childbirth, 2014, 14, 278.	2.4	9
76	TNF-Î±-induced ICAM-1 expression and monocyte adhesion in human RPE cells is mediated in part through autocrine VEGF stimulation. Molecular Vision, 2014, 20, 781-9.	1.1	12
77	VEGF-A165b Is an Endogenous Neuroprotective Splice Isoform of Vascular Endothelial Growth Factor A inÂVivo and inÂVitro. American Journal of Pathology, 2013, 183, 918-929.	3.8	98
78	SRPK1 Inhibition Modulates VEGF Splicing to Reduce Pathological Neovascularization in a Rat Model of Retinopathy of Prematurity. , 2013, 54, 5797.		39
79	Topical Antiangiogenic SRPK1 Inhibitors Reduce Choroidal Neovascularization in Rodent Models of Exudative AMD. , 2013, 54, 6052.		67
80	Detection of VEGF-Axxxb Isoforms in Human Tissues. PLoS ONE, 2013, 8, e68399.	2.5	49
81	SRPK1 inhibition in vivo: modulation of VEGF splicing and potential treatment for multiple diseases. Biochemical Society Transactions, 2012, 40, 831-835.	3.4	45
82	VEGF₁₆₅b overexpression restores normal glomerular water permeability in VEGF₁₆₄-overexpressing adult mice. American Journal of Physiology - Renal Physiology, 2012, 303, F1026-F1036.	2.7	23
83	Ovarian VEGF165b expression regulates follicular development, corpus luteum function and fertility. Reproduction, 2012, 143, 501-511.	2.6	31
84	Association between VEGF Splice Isoforms and Progression-Free Survival in Metastatic Colorectal Cancer Patients Treated with Bevacizumab. Clinical Cancer Research, 2012, 18, 6384-6391.	7.0	69
85	Loss of the Endothelial Glycocalyx Links Albuminuria and Vascular Dysfunction. Journal of the American Society of Nephrology: JASN, 2012, 23, 1339-1350.	6.1	206
86	3D Reconstruction of the Glycocalyx Structure in Mammalian Capillaries using Electron Tomography. Microcirculation, 2012, 19, 343-351.	1.8	39
87	Patient Perceptions of a Personal Health Record: A Test of the Diffusion of Innovation Model. Journal of Medical Internet Research, 2012, 14, e150.	4.3	107
88	Borrelidin modulates the alternative splicing of VEGF in favour of anti-angiogenic isoforms. Chemical Science, 2011, 2, 273-278.	7.4	25
89	Splicing Factor Polymorphisms, the Control of VEGF Isoforms and Association with Angiogenic Eye Disease. Current Eye Research, 2011, 36, 328-335.	1.5	14
90	The Digital Divide in Adoption and Use of a Personal Health Record. Archives of Internal Medicine, 2011, 171, 568-74.	3.8	303

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91	An unexpected tail of VEGF and PlGF in pre-eclampsia. Biochemical Society Transactions, 2011, 39, 1576-1582.	3.4	35
92	Impaired vascular permeability regulation caused by the VEGF165b splice variant in pre-eclampsia. BJOG: an International Journal of Obstetrics and Gynaecology, 2011, 118, 1253-1261.	2.3	26
93	CCR7 Mediates Directed Growth of Melanomas Towards Lymphatics. Microcirculation, 2011, 18, 172-182.	1.8	36
94	A Human Neutralizing Antibody Specific to Angâ€2 Inhibits Ocular Angiogenesis. Microcirculation, 2011, 18, 598-607.	1.8	29
95	WT1 Mutants Reveal SRPK1 to Be a Downstream Angiogenesis Target by Altering VEGF Splicing. Cancer Cell, 2011, 20, 768-780.	16.8	216
96	Prediction of melanoma metastasis by the Shields index based on lymphatic vessel density. BMC Cancer, 2010, 10, 208.	2.6	22
97	Functional distinctions in cytosolic calcium regulation between cells of the glomerular filtration barrier. Cell Calcium, 2010, 48, 44-53.	2.4	8
98	Balance of proâ€•versus antiâ€•angiogenic splice isoforms of vascular endothelial growth factor as a regulator of neuroblastoma growth. Journal of Pathology, 2010, 222, 138-147.	4.5	21
99	Recombinant Human VEGF₁₆₅b Inhibits Experimental Choroidal Neovascularization. , 2010, 51, 4282.		62
100	VEGF-A₁₆₅b Is Cytoprotective and Antiangiogenic in the Retina. , 2010, 51, 4273.		71
101	Glomerular Filtration Barrier and Molecular Segregation: Guilty as Charged?. Journal of the American Society of Nephrology: JASN, 2010, 21, 2009-2011.	6.1	2
102	Chemotrap-1: An Engineered Soluble Receptor That Blocks Chemokine-Induced Migration of Metastatic Cancer Cells In vivo. Cancer Research, 2010, 70, 8138-8148.	0.9	23
103	Vascular endothelial growth factors and vascular permeability. Cardiovascular Research, 2010, 87, 262-271.	3.8	377
104	Neurotrophin-3 Is a Novel Angiogenic Factor Capable of Therapeutic Neovascularization in a Mouse Model of Limb Ischemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1143-1150.	2.4	57
105	Regulation of Vascular Endothelial Growth Factor (VEGF) Splicing from Pro-angiogenic to Anti-angiogenic Isoforms. Journal of Biological Chemistry, 2010, 285, 5532-5540.	3.4	183
106	VEGF in the lung: a role for novel isoforms. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L768-L774.	2.9	34
107	Overexpression of VEGF165b in Podocytes Reduces Glomerular Permeability. Journal of the American Society of Nephrology: JASN, 2010, 21, 1498-1509.	6.1	39
108	An interstitial hypothesis for breast cancer related lymphoedema. Pathophysiology, 2010, 17, 289-294.	2.2	17

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109	IL-10 regulation of macrophage VEGF production is dependent on macrophage polarisation and hypoxia. Immunobiology, 2010, 215, 796-803.	1.9	139
110	Contrasting properties of VEGF165 and VEGF165b splicing isoforms on glomerular water permeability in transgenic mice and complementary rescue of the phenotype. FASEB Journal, 2010, 24, .	0.5	0
111	Critical Role of Tissue Kallikrein in Vessel Formation and Maturation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 657-664.	2.4	64
112	Flufenamic acid is a tool for investigating TRPC6-mediated calcium signalling in human conditionally immortalised podocytes and HEK293 cells. Cell Calcium, 2009, 45, 384-390.	2.4	36
113	Molecular Diversity of VEGF-A as a Regulator of Its Biological Activity. Microcirculation, 2009, 16, 572-592.	1.8	119
114	VEGF121b, a new member of the VEGFxxxb family of VEGF-A splice isoforms, inhibits neovascularisation and tumour growth in vivo. British Journal of Cancer, 2009, 101, 1183-1193.	6.4	43
115	Therapeutic potential of manipulating VEGF splice isoforms in oncology. Future Oncology, 2009, 5, 703-712.	2.4	25
116	Angiopoietin-1 alters microvascular permeability coefficients in vivo via modification of endothelial glycocalyx. Cardiovascular Research, 2009, 83, 24-33.	3.8	80
117	Failure to up-regulate VEGF165b in maternal plasma is a first trimester predictive marker for pre-eclampsia. Clinical Science, 2009, 116, 265-272.	4.3	53
118	The anti-angiogenic isoforms of VEGF in health and disease. Biochemical Society Transactions, 2009, 37, 1207-1213.	3.4	96
119	Measurement of Angiogenic Phenotype by Use of a Two Dimensional Mesenteric Angiogenesis Assay. Methods in Molecular Biology, 2009, 467, 251-270.	0.9	3
120	VEGF165b inhibits choroidal neovascularization (CNV) in mouse model via intraâ€vitreous and subcutaneous delivery. FASEB Journal, 2009, 23, 625.11.	0.5	0
121	Assay limitations of osmotic reflection coefficient of isolated mouse glomeruli ex vivo.. FASEB Journal, 2009, 23, 804.20.	0.5	1
122	eNOS induced angiogenesis is blocked by the tyrosine kinase inhibitor Vatalanib (PTK787) in a normoperfused rodent model. FASEB Journal, 2009, 23, 625.5.	0.5	0
123	Overexpression of VEGF165b in mouse ovary results in reduced litter size. FASEB Journal, 2009, 23, 592.17.	0.5	1
124	Proteinuria is associated with increased systemic and glomerular water permeability. FASEB Journal, 2009, 23, 950.14.	0.5	0
125	VEGFâ€Mediated Elevated Intracellular Calcium and Angiogenesis in Human Microvascular Endothelial Cells In Vitro are Inhibited by Dominant Negative TRPC6. Microcirculation, 2008, 15, 605-614.	1.8	137
126	The endogenous anti-angiogenic VEGF isoform, VEGF165b inhibits human tumour growth in mice. British Journal of Cancer, 2008, 98, 1250-1257.	6.4	120

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127	VEGF-A splicing: the key to anti-angiogenic therapeutics?. Nature Reviews Cancer, 2008, 8, 880-887.	28.4	440
128	Recombinant human VEGF165b protein is an effective anti-cancer agent in mice. European Journal of Cancer, 2008, 44, 1883-1894.	2.8	73
129	A Research Agenda for Personal Health Records (PHRs). Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 729-736.	4.4	343
130	Vascular Endothelial Growth Factor-C, a Potential Paracrine Regulator of Glomerular Permeability, Increases Glomerular Endothelial Cell Monolayer Integrity and Intracellular Calcium. American Journal of Pathology, 2008, 173, 938-948.	3.8	38
131	Mammary alveolar development during lactation is inhibited by the endogenous antiangiogenic growth factor isoform, VEGF₁₆₅b. FASEB Journal, 2008, 22, 1104-1112.	0.5	61
132	Expression of pro- and anti-angiogenic isoforms of VEGF is differentially regulated by splicing and growth factors. Journal of Cell Science, 2008, 121, 3487-3495.	2.0	290
133	The Alternatively Spliced Anti-Angiogenic Family of VEGF Isoforms VEGF_{xxx}b in Human Kidney Development. Nephron Physiology, 2008, 110, p57-p67.	1.2	68
134	VEGF165b, an antiangiogenic VEGF-A isoform, binds and inhibits bevacizumab treatment in experimental colorectal carcinoma: balance of pro- and antiangiogenic VEGF-A isoforms has implications for therapy. British Journal of Cancer, 2008, 98, 1366-1379.	6.4	185
135	Vascular Endothelial Growth Factor (VEGF)-A165b Is a Weak In vitro Agonist for VEGF Receptor-2 Due to Lack of Coreceptor Binding and Deficient Regulation of Kinase Activity. Cancer Research, 2008, 68, 4683-4692.	0.9	147
136	Arteriolar Genesis and Angiogenesis Induced by Endothelial Nitric Oxide Synthase Overexpression Results in a Mature Vasculature. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1462-1468.	2.4	41
137	VEGF-C induced angiogenesis preferentially occurs at a distance from lymphangiogenesis. Cardiovascular Research, 2008, 78, 315-323.	3.8	63
138	Podocyte specific overâ€expression of VEGFâ€A 165 b, unlike VEGFâ€A 165 , does not cause collapsing glomerulopathy. FASEB Journal, 2008, 22, 926.16.	0.5	0
139	Tissue Kallikrein increases perivascular cell coverage of angiogenic vessels via a Bradykininâ€2â€Receptor dependent mechanism. FASEB Journal, 2008, 22, 925.4.	0.5	0
140	Expression of VEGFxxxb, the inhibitory isoforms of VEGF, in malignant melanoma. British Journal of Cancer, 2007, 97, 223-230.	6.4	119
141	Glomerular filtration into the subpodocyte space is highly restricted under physiological perfusion conditions. American Journal of Physiology - Renal Physiology, 2007, 293, F1787-F1798.	2.7	54
142	Evidence for restriction of fluid and solute movement across the glomerular capillary wall by the subpodocyte space. American Journal of Physiology - Renal Physiology, 2007, 293, F1777-F1786.	2.7	63
143	Alternative splicing in angiogenesis: The vascular endothelial growth factor paradigm. Cancer Letters, 2007, 249, 133-142.	7.2	119
144	Chemokine-mediated migration of melanoma cells towards lymphatics â€“ a mechanism contributing to metastasis. Oncogene, 2007, 26, 2997-3005.	5.9	150

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145	Hyperglycemia Stimulates a Sustained Increase in Hydraulic Conductivity In Vivo without Any Change in Reflection Coefficient. Microcirculation, 2007, 14, 683-696.	1.8	13
146	Vascular endothelial growth factor as a survival factor for human islets: effect of immunosuppressive drugs. Diabetologia, 2007, 50, 1423-1432.	6.3	44
147	A Role for the Endothelial Glycocalyx in Regulating Microvascular Permeability in Diabetes Mellitus. Cell Biochemistry and Biophysics, 2007, 49, 65-72.	1.8	60
148	The Sialomucin CD34 Is a Marker of Lymphatic Endothelial Cells in Human Tumors. American Journal of Pathology, 2006, 168, 1045-1053.	3.8	81
149	Vascular Endothelial Growth Factorâ€"C (VEGF-C) Expression in Normal Human Tissues. Lymphatic Research and Biology, 2006, 4, 73-82.	1.1	26
150	The endogenous anti-angiogenic family of splice variants of VEGF, VEGFxxxb, are down-regulated in pre-eclamptic placentae at term. Clinical Science, 2006, 110, 575-585.	4.3	61
151	Vascular endothelial growth factor increases the ultrafiltration coefficient in isolated intact Wistar rat glomeruli. Journal of Physiology, 2006, 570, 141-156.	2.9	29
152	The anti-angiogenic VEGF isoform VEGF165b transiently increases hydraulic conductivity, probably through VEGF receptor 1in vivo. Journal of Physiology, 2006, 572, 243-257.	2.9	43
153	Transient Osmotic Absorption of Fluid in Microvessels Exposed to Low Concentrations of Dimethyl Sulfoxide. Microcirculation, 2006, 13, 29-40.	1.8	4
154	VEGF and Angiopoietinâ€1 Stimulate Different Angiogenic Phenotypes That Combine to Enhance Functional Neovascularization in Adult Tissue. Microcirculation, 2006, 13, 423-437.	1.8	63
155	A TRPC-like non-selective cation current activated by Î±1-adrenoceptors in rat mesenteric artery smooth muscle cells. Cell Calcium, 2006, 40, 29-40.	2.4	54
156	VEGF-C promotes survival in podocytes. American Journal of Physiology - Renal Physiology, 2006, 291, F196-F207.	2.7	48
157	VEGF Activates Receptor-Operated Cation Channels in Human Microvascular Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1768-1776.	2.4	104
158	Glucose is the component of diabetic plasma that increases vascular permeability. FASEB Journal, 2006, 20, A706.	0.5	0
159	Expression of VEGF _{xxx} bâ€the inhibitory isoforms of VEGF, in human and rat tissues. FASEB Journal, 2006, 20, .	0.5	0
160	Splice factor regulation of alternative splicing of VEGF isoform families. FASEB Journal, 2006, 20, A539.	0.5	3
161	Insulinâ€like Growth Factorâ€1 regulates alternative splicing of angiogenic and antiâ€angiogenic VEGF isoforms. FASEB Journal, 2006, 20, A538.	0.5	2
162	VEGF165b, an endogenous C-terminal splice variant of VEGF, inhibits retinal neovascularization in mice. Molecular Vision, 2006, 12, 626-32.	1.1	98

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163	Cytosolic Ca2+concentration and rate of increase of the cytosolic Ca2+concentration in the regulation of vascular permeability inRana in vivo. Journal of Physiology, 2005, 564, 817-827.	2.9	10
164	Diabetic retinopathy is associated with a switch in splicing from anti- to pro-angiogenic isoforms of vascular endothelial growth factor. Diabetologia, 2005, 48, 2422-2427.	6.3	200
165	Vascular endothelial growth factor and nephrin interact and reduce apoptosis in human podocytes. American Journal of Physiology - Renal Physiology, 2005, 288, F48-F57.	2.7	106
166	Nephrotic Plasma Alters Slit Diaphragmâ€"Dependent Signaling and Translocates Nephrin, Podocin, and CD2 Associated Protein in Cultured Human Podocytes. Journal of the American Society of Nephrology: JASN, 2005, 16, 629-637.	6.1	108
167	Therapeutic potential of inhibitory VEGF splice variants. Future Oncology, 2005, 1, 467-473.	2.4	21
168	Three-Dimensional Reconstruction of Glomeruli by Electron Microscopy Reveals a Distinct Restrictive Urinary Subpodocyte Space. Journal of the American Society of Nephrology: JASN, 2005, 16, 1223-1235.	6.1	84
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