# David O Bates

List of Publications by Year
in descending order



| 206 | 13,355 | 18436 62 | 26548 107 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 208 | 208 | 208 | 14483 |
|---|---|---|---|
| all docs | docs citations | times ranked | 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. | 0.4 | 0 |
| 2 | Measurement of Revascularization in the Hind Limb After Experimental Ischemia in Mice. Methods in Molecular Biology, 2022, 2441, 105-113. | 0.4 | 0 |
| 3 | Transmission Electron Microscopy of Endothelium. Methods in Molecular Biology, 2022, 2441, 95-103. | 0.4 | 0 |
| 4 | Quantification of Angiogenesis in Laser Choroidal Neovascularization. Methods in Molecular Biology, 2022, 2441, 223-231. | 0.4 | 0 |
| 5 | Hypoxia-induced carbonic anhydrase mediated dorsal horn neuron activation and induction of neuropathic pain. Pain, 2022, 163, 2264-2279. | 2.0 | 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. | 1.5 | 6 |
| 7 | Inhibition of serine/arginine-rich protein kinase-1 (SRPK1) prevents cholangiocarcinoma cells induced angiogenesis. Toxicology in Vitro, 2022, 82, 105385. | 1.1 | 3 |
| 8 | Extended lifespan of bronchial epithelial cells maintains normal cellular phenotype and transcriptome integrity. ERJ Open Research, 2021, 7, 00254-2020. | 1.1 | 0 |
| 9 | Effect of Combining EGFR Tyrosine Kinase Inhibitors and Cytotoxic Agents on Cholangiocarcinoma Cells. Cancer Research and Treatment, 2021, 53, 457-470. | 1.3 | 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. | 2.1 | 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. | 1.8 | 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, . | 0.9 | 5 |
| 13 | Co-Clinical Trials: An Innovative Drug Development Platform for Cholangiocarcinoma. Pharmaceuticals, 2021, 14, 51. | 1.7 | 7 |
| 14 | Structural assessment of SARS-CoV2 accessory protein ORF7a predicts LFA-1 and Mac-1 binding potential. Bioscience Reports, 2021, 41, . | 1.1 | 20 |
| 15 | Phenotypic and functional translation of IL33 genetics in asthma. Journal of Allergy and Clinical Immunology, 2021, 147, 144-157. | 1.5 | 29 |
| 16 | Nonâ€invasive measurement of retinal permeability in a diabetic rat model. Microcirculation, 2020, 27, e12623. | 1.0 | 12 |
| 17 | Non-canonical Wnt signalling regulates scarring in biliary disease via the planar cell polarity receptors. Nature Communications, 2020, 11, 445. | 5.8 | 31 |
| 18 | Blocking endothelial apoptosis revascularizes the retina in a model of ischemic retinopathy. Journal of Clinical Investigation, 2020, 130, 4235-4251. | 3.9 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Local microvascular leakage promotes trafficking of activated neutrophils to remote organs. Journal of Clinical Investigation, 2020, 130, 2301-2318. | 3.9 | 48 |
| 20 | Cervical cancer in low and middleâ€‘income countries (Review). Oncology Letters, 2020, 20, 2058-2074. | 0.8 | 185 |
| 21 | A multinational review: Oesophageal cancer in low to middleâ€‘income countries (Review). Oncology Letters, 2020, 20, 42. | 0.8 | 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. | 1.5 | 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. | 1.0 | 6 |
| 24 | An FBXW7-ZEB2 axis links EMT and tumour microenvironment to promote colorectal cancer stem cells and chemoresistance. Oncogenesis, 2019, 8, 13. | 2.1 | 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. | 1.5 | 18 |
| 26 | VEGFC Reduces Glomerular Albumin Permeability and Protects Against Alterations in VEGF Receptor Expression in Diabetic Nephropathy. Diabetes, 2019, 68, 172-187. | 0.3 | 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. | 1.3 | 1 |
| 28 | Vascular Endothelial Growth Factor-A<sub>165</sub>b Restores Normal Glomerular Water Permeability in a Diphtheria-Toxin Mouse Model of Glomerular Injury. Nephron, 2018, 139, 51-62. | 0.9 | 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. | 1.4 | 19 |
| 30 | SRPK1 maintains acute myeloid leukemia through effects on isoform usage of epigenetic regulators including BRD4. Nature Communications, 2018, 9, 5378. | 5.8 | 60 |
| 31 | Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532. | 3.7 | 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. | 1.3 | 26 |
| 33 | Sensory neuronal sensitisation occurs through HMGB-1/ RAGE and TRPV1 in high glucose conditions. Journal of Cell Science, 2018, 131, . | 1.2 | 31 |
| 34 | Novel hemodynamic structures in the human glomerulus. American Journal of Physiology - Renal Physiology, 2018, 315, F1370-F1384. | 1.3 | 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. | 1.4 | 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 /Ove 2018, 38, 2117-2125. | 1.1 | 32 |
| 38 | Activation of Notch signalling by soluble Dll4 decreases permeability via a cAMP/PKAâ€dependent pathway. FASEB Journal, 2018, 32, 846.6. | 0.2 | 0 |
| 39 | BOWMAN'S CAPSULE CORRECTED: UNDISCOVERED VASCULAR CHAMBERS IN THE RENAL GLOMERULUS. FASEB Journal, 2018, 32, . | 0.2 | 0 |
| 40 | Development of Potent, Selective SRPK1 Inhibitors as Potential Topical Therapeutics for Neovascular Eye Disease. ACS Chemical Biology, 2017, 12, 825-832. | 1.6 | 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. | 3.3 | 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. | 1.5 | 15 |
| 43 | Vascular endothelial growth factor-A165b ameliorates outer-retinal barrier and vascular dysfunction in the diabetic retina. Clinical Science, 2017, 131, 1225-1243. | 1.8 | 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. | 1.7 | 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. | 1.3 | 98 |
| 46 | Pharmacology of Modulators of Alternative Splicing. Pharmacological Reviews, 2017, 69, 63-79. | 7.1 | 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. | 1.8 | 28 |
| 48 | Sulfated galactans from the red seaweed Gracilaria fisheri exerts anti-migration effect on cholangiocarcinoma cells. Phytomedicine, 2017, 36, 59-67. | 2.3 | 20 |
| 49 | The mutant p53â€ID4 complex controls VEGFA isoforms by recruiting lncRNA MALAT1. EMBO Reports, 2017, 18, 1331-1351. | 2.0 | 78 |
| 50 | VEGFâ€A<sub>165</sub>b 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. | 1.3 | 15 |
| 51 | Differential Expression of VEGF-A<sub>xxx</sub> Isoforms Is Critical for Development of Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 479-493. | 2.5 | 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. | 1.3 | 14 |
| 53 | Models of Oxygen Induced Retinopathy in Rodents. Methods in Molecular Biology, 2016, 1430, 317-332. | 0.4 | 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. | 0.4 | 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. | 2.1 | 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. | 2.1 | 22 |
| 57 | South African Herbal Extracts as Potential Chemopreventive Agents: Screening for Anticancer Splicing Activity. Methods in Molecular Biology, 2016, 1379, 201-211. | 0.4 | 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. | 2.1 | 23 |
| 59 | Vascular endothelial growth factor-A165b prevents diabetic neuropathic pain and sensory neuronal degeneration. Clinical Science, 2015, 129, 741-756. | 1.8 | 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. | 2.1 | 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. | 3.0 | 112 |
| 62 | IL-4 Regulates Specific Arg-1+ Macrophage sFlt-1â€“Mediated Inhibition of Angiogenesis. American Journal of Pathology, 2015, 185, 2324-2335. | 1.9 | 33 |
| 63 | The carboxyl terminus of VEGF-A is a potential target for anti-angiogenic therapy. Angiogenesis, 2015, 18, 23-30. | 3.7 | 19 |
| 64 | Regulation of vascular endothelial growth factor in prostate cancer. Endocrine-Related Cancer, 2015, 22, R107-R123. | 1.6 | 47 |
| 65 | Direct detection and measurement of wall shear stress using a filamentous bio-nanoparticle. Nano Research, 2015, 8, 3307-3315. | 5.8 | 7 |
| 66 | Serineâ€“arginine protein kinase 1 (SRPK1) inhibition as a potential novel targeted therapeutic strategy in prostate cancer. Oncogene, 2015, 34, 4311-4319. | 2.6 | 122 |
| 67 | LGR5 regulates pro-survival MEK/ERK and proliferative Wnt/Î²-catenin signalling in neuroblastoma. Oncotarget, 2015, 6, 40053-40067. | 0.8 | 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. | 2.9 | 97 |
| 71 | Antiangiogenic Actions of Vascular Endothelial Growth Factor-A <sub>165</sub> 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. | 2.6 | 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. | 15.2 | 164 |
| 74 | Regulation of alternative VEGF-A mRNA splicing is a therapeutic target for analgesia. Neurobiology of Disease, 2014, 71, 245-259. | 2.1 | 65 |
| 75 | The role of VEGF-A165b in trophoblast survival. BMC Pregnancy and Childbirth, 2014, 14, 278. | 0.9 | 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. | 1.9 | 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. | 1.1 | 49 |
| 81 | SRPK1 inhibition in vivo: modulation of VEGF splicing and potential treatment for multiple diseases. Biochemical Society Transactions, 2012, 40, 831-835. | 1.6 | 45 |
| 82 | VEGF<sub>165</sub>b overexpression restores normal glomerular water permeability in VEGF<sub>164</sub>-overexpressing adult mice. American Journal of Physiology - Renal Physiology, 2012, 303, F1026-F1036. | 1.3 | 23 |
| 83 | Ovarian VEGF165b expression regulates follicular development, corpus luteum function and fertility. Reproduction, 2012, 143, 501-511. | 1.1 | 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. | 3.2 | 69 |
| 85 | Loss of the Endothelial Glycocalyx Links Albuminuria and Vascular Dysfunction. Journal of the American Society of Nephrology: JASN, 2012, 23, 1339-1350. | 3.0 | 206 |
| 86 | 3D Reconstruction of the Glycocalyx Structure in Mammalian Capillaries using Electron Tomography. Microcirculation, 2012, 19, 343-351. | 1.0 | 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. | 2.1 | 107 |
| 88 | Borrelidin modulates the alternative splicing of VEGF in favour of anti-angiogenic isoforms. Chemical Science, 2011, 2, 273-278. | 3.7 | 25 |
| 89 | Splicing Factor Polymorphisms, the Control of VEGF Isoforms and Association with Angiogenic Eye Disease. Current Eye Research, 2011, 36, 328-335. | 0.7 | 14 |
| 90 | The Digital Divide in Adoption and Use of a Personal Health Record. Archives of Internal Medicine, 2011, 171, 568-74. | 4.3 | 303 |

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| 91 | An unexpected tail of VEGF and PlGF in pre-eclampsia. Biochemical Society Transactions, 2011, 39, 1576-1582. | 1.6 | 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. | 1.1 | 26 |
| 93 | CCR7 Mediates Directed Growth of Melanomas Towards Lymphatics. Microcirculation, 2011, 18, 172-182. | 1.0 | 36 |
| 94 | A Human Neutralizing Antibody Specific to Angâ€2 Inhibits Ocular Angiogenesis. Microcirculation, 2011, 18, 598-607. | 1.0 | 29 |
| 95 | WT1 Mutants Reveal SRPK1 to Be a Downstream Angiogenesis Target by Altering VEGF Splicing. Cancer Cell, 2011, 20, 768-780. | 7.7 | 216 |
| 96 | Prediction of melanoma metastasis by the Shields index based on lymphatic vessel density. BMC Cancer, 2010, 10, 208. | 1.1 | 22 |
| 97 | Functional distinctions in cytosolic calcium regulation between cells of the glomerular filtration barrier. Cell Calcium, 2010, 48, 44-53. | 1.1 | 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. | 2.1 | 21 |
| 99 | Recombinant Human VEGF<sub>165</sub>b Inhibits Experimental Choroidal Neovascularization. , 2010, 51, 4282. | | 62 |
| 100 | VEGF-A<sub>165</sub>b 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. | 3.0 | 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. | 0.4 | 23 |
| 103 | Vascular endothelial growth factors and vascular permeability. Cardiovascular Research, 2010, 87, 262-271. | 1.8 | 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. | 1.1 | 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. | 1.6 | 183 |
| 106 | VEGF in the lung: a role for novel isoforms. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L768-L774. | 1.3 | 34 |
| 107 | Overexpression of VEGF165b in Podocytes Reduces Glomerular Permeability. Journal of the American Society of Nephrology: JASN, 2010, 21, 1498-1509. | 3.0 | 39 |
| 108 | An interstitial hypothesis for breast cancer related lymphoedema. Pathophysiology, 2010, 17, 289-294. | 1.0 | 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. | 0.8 | 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, . | 0.2 | 0 |
| 111 | Critical Role of Tissue Kallikrein in Vessel Formation and Maturation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 657-664. | 1.1 | 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. | 1.1 | 36 |
| 113 | Molecular Diversity of VEGF-A as a Regulator of Its Biological Activity. Microcirculation, 2009, 16, 572-592. | 1.0 | 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. | 2.9 | 43 |
| 115 | Therapeutic potential of manipulating VEGF splice isoforms in oncology. Future Oncology, 2009, 5, 703-712. | 1.1 | 25 |
| 116 | Angiopoietin-1 alters microvascular permeability coefficients in vivo via modification of endothelial glycocalyx. Cardiovascular Research, 2009, 83, 24-33. | 1.8 | 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. | 1.8 | 53 |
| 118 | The anti-angiogenic isoforms of VEGF in health and disease. Biochemical Society Transactions, 2009, 37, 1207-1213. | 1.6 | 96 |
| 119 | Measurement of Angiogenic Phenotype by Use of a Two Dimensional Mesenteric Angiogenesis Assay. Methods in Molecular Biology, 2009, 467, 251-270. | 0.4 | 3 |
| 120 | VEGF165b inhibits choroidal neovascularization (CNV) in mouse model via intraâ€vitreous and subcutaneous delivery. FASEB Journal, 2009, 23, 625.11. | 0.2 | 0 |
| 121 | Assay limitations of osmotic reflection coefficient of isolated mouse glomeruli ex vivo.. FASEB Journal, 2009, 23, 804.20. | 0.2 | 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. | 0.2 | 0 |
| 123 | Overexpression of VEGF165b in mouse ovary results in reduced litter size. FASEB Journal, 2009, 23, 592.17. | 0.2 | 1 |
| 124 | Proteinuria is associated with increased systemic and glomerular water permeability. FASEB Journal, 2009, 23, 950.14. | 0.2 | 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. | 1.0 | 137 |
| 126 | The endogenous anti-angiogenic VEGF isoform, VEGF165b inhibits human tumour growth in mice. British Journal of Cancer, 2008, 98, 1250-1257. | 2.9 | 120 |

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|---|---|---|---|
| 127 | VEGF-A splicing: the key to anti-angiogenic therapeutics?. Nature Reviews Cancer, 2008, 8, 880-887. | 12.8 | 440 |
| 128 | Recombinant human VEGF165b protein is an effective anti-cancer agent in mice. European Journal of Cancer, 2008, 44, 1883-1894. | 1.3 | 73 |
| 129 | A Research Agenda for Personal Health Records (PHRs). Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 729-736. | 2.2 | 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. | 1.9 | 38 |
| 131 | Mammary alveolar development during lactation is inhibited by the endogenous antiangiogenic growth factor isoform, VEGF<sub>165</sub>b. FASEB Journal, 2008, 22, 1104-1112. | 0.2 | 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. | 1.2 | 290 |
| 133 | The Alternatively Spliced Anti-Angiogenic Family of VEGF Isoforms VEGF<sub>xxx</sub>b in Human Kidney Development. Nephron Physiology, 2008, 110, p57-p67. | 1.5 | 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. | 2.9 | 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. | 0.4 | 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. | 1.1 | 41 |
| 137 | VEGF-C induced angiogenesis preferentially occurs at a distance from lymphangiogenesis. Cardiovascular Research, 2008, 78, 315-323. | 1.8 | 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. | 0.2 | 0 |
| 139 | Tissue Kallikrein increases perivascular cell coverage of angiogenic vessels via a Bradykininâ€2â€Receptor dependent mechanism. FASEB Journal, 2008, 22, 925.4. | 0.2 | 0 |
| 140 | Expression of VEGFxxxb, the inhibitory isoforms of VEGF, in malignant melanoma. British Journal of Cancer, 2007, 97, 223-230. | 2.9 | 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. | 1.3 | 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. | 1.3 | 63 |
| 143 | Alternative splicing in angiogenesis: The vascular endothelial growth factor paradigm. Cancer Letters, 2007, 249, 133-142. | 3.2 | 119 |
| 144 | Chemokine-mediated migration of melanoma cells towards lymphatics â€“ a mechanism contributing to metastasis. Oncogene, 2007, 26, 2997-3005. | 2.6 | 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. | 1.0 | 13 |
| 146 | Vascular endothelial growth factor as a survival factor for human islets: effect of immunosuppressive drugs. Diabetologia, 2007, 50, 1423-1432. | 2.9 | 44 |
| 147 | A Role for the Endothelial Glycocalyx in Regulating Microvascular Permeability in Diabetes Mellitus. Cell Biochemistry and Biophysics, 2007, 49, 65-72. | 0.9 | 60 |
| 148 | The Sialomucin CD34 Is a Marker of Lymphatic Endothelial Cells in Human Tumors. American Journal of Pathology, 2006, 168, 1045-1053. | 1.9 | 81 |
| 149 | Vascular Endothelial Growth Factorâ€“C (VEGF-C) Expression in Normal Human Tissues. Lymphatic Research and Biology, 2006, 4, 73-82. | 0.5 | 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. | 1.8 | 61 |
| 151 | Vascular endothelial growth factor increases the ultrafiltration coefficient in isolated intact Wistar rat glomeruli. Journal of Physiology, 2006, 570, 141-156. | 1.3 | 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. | 1.3 | 43 |
| 153 | Transient Osmotic Absorption of Fluid in Microvessels Exposed to Low Concentrations of Dimethyl Sulfoxide. Microcirculation, 2006, 13, 29-40. | 1.0 | 4 |
| 154 | VEGF and Angiopoietinâ€1 Stimulate Different Angiogenic Phenotypes That Combine to Enhance Functional Neovascularization in Adult Tissue. Microcirculation, 2006, 13, 423-437. | 1.0 | 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. | 1.1 | 54 |
| 156 | VEGF-C promotes survival in podocytes. American Journal of Physiology - Renal Physiology, 2006, 291, F196-F207. | 1.3 | 48 |
| 157 | VEGF Activates Receptor-Operated Cation Channels in Human Microvascular Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1768-1776. | 1.1 | 104 |
| 158 | Glucose is the component of diabetic plasma that increases vascular permeability. FASEB Journal, 2006, 20, A706. | 0.2 | 0 |
| 159 | Expression of VEGF <sub>xxx</sub> bâ€the inhibitory isoforms of VEGF, in human and rat tissues. FASEB Journal, 2006, 20, . | 0.2 | 0 |
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