William C Sessa

List of Publications by Year
in descending order

324 papers	49,262 citations	1301 109 h-index	1676 214 g-index
339 all docs	339 docs citations	339 times ranked	41749 citing authors

#	Article	IF	Citations
1	De novo DHDDS variants cause a neurodevelopmental and neurodegenerative disorder with myoclonus. Brain, 2022, 145, 208-223.	7.6	15
2	Targeting the vasculature in cardiometabolic disease. Journal of Clinical Investigation, 2022, 132, .	8.2	18
3	Histone Acetyltransferases p300 and CBP Coordinate Distinct Chromatin Remodeling Programs in Vascular Smooth Muscle Plasticity. Circulation, 2022, 145, 1720-1737.	1.6	27
4	eNOS-induced vascular barrier disruption in retinopathy by c-Src activation and tyrosine phosphorylation of VE-cadherin. ELife, 2021, 10, .	6.0	24
5	Progressive myoclonus epilepsiesâ€"Residual unsolved cases have marked genetic heterogeneity including dolichol-dependent protein glycosylation pathway genes. American Journal of Human Genetics, 2021, 108, 722-738.	6.2	41
6	Characterization of a Novel Caveolin Modulator That Reduces Vascular Permeability and Ocular Inflammation. Translational Vision Science and Technology, 2021, 10, 21.	2.2	3
7	Eruptive xanthoma model reveals endothelial cells internalize and metabolize chylomicrons, leading to extravascular triglyceride accumulation. Journal of Clinical Investigation, 2021, 131, .	8.2	14
8	Alcohol-induced Hsp90 acetylation is a novel driver of liver sinusoidal endothelial dysfunction and alcohol-related liver disease. Journal of Hepatology, 2021, 75, 377-386.	3.7	31
9	Defective Flow-Migration Coupling Causes Arteriovenous Malformations in Hereditary Hemorrhagic Telangiectasia. Circulation, 2021, 144, 805-822.	1.6	55
10	Pazopanib ameliorates acute lung injuries via inhibition of MAP3K2 and MAP3K3. Science Translational Medicine, 2021, 13, .	12.4	7
11	The loss of DHX15 impairs endothelial energy metabolism, lymphatic drainage and tumor metastasis in mice. Communications Biology, 2021, 4, 1192.	4.4	5
12	Caveolae: The FAQs. Traffic, 2020, 21, 181-185.	2.7	65
13	The N-glycome regulates the endothelial-to-hematopoietic transition. Science, 2020, 370, 1186-1191.	12.6	32
14	A Vectorial, ER-Mitochondria Link to Energy Homeostasis in the Vascular Endothelium. Cell Metabolism, 2020, 32, 150-152.	16.2	0
15	Structural elucidation of the cis -prenyltransferase NgBR/DHDDS complex reveals insights in regulation of protein glycosylation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20794-20802.	7.1	30
16	BMP-9 and LDL crosstalk regulates ALK-1 endocytosis and LDL transcytosis in endothelial cells. Journal of Biological Chemistry, 2020, 295, 18179-18188.	3.4	25
17	Dynamic Protein Palmitoylation Cycling. Circulation Research, 2020, 127, 266-268.	4.5	0
18	Cav-1 (Caveolin-1) Deficiency Increases Autophagy in the Endothelium and Attenuates Vascular Inflammation and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1510-1522.	2.4	75

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19	Unbiased proteomics identifies plasminogen activator inhibitor-1 as a negative regulator of endothelial nitric oxide synthase. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9497-9507.	7.1	16
20	Endothelial cellâ€“glucocorticoid receptor interactions and regulation of Wnt signaling. JCI Insight, 2020, 5, .	5.0	32
21	Lymphangiogenic therapy prevents cardiac dysfunction by ameliorating inflammation and hypertension. ELife, 2020, 9, .	6.0	33
22	Shear Stress Attenuates Inward Remodeling in Cultured Mouse Thoracodorsal Arteries in an eNOS-Dependent, but Not Hemodynamic Manner, and Increases Cx37 Expression. Journal of Vascular Research, 2019, 56, 284-295.	1.4	3
23	Caveolin-1 Regulates Atherogenesis by Attenuating Low-Density Lipoprotein Transcytosis and Vascular Inflammation Independently of Endothelial Nitric Oxide Synthase Activation. Circulation, 2019, 140, 225-239.	1.6	100
24	Thrombospondin-2 regulates extracellular matrix production, LOX levels, and cross-linking via downregulation of miR-29. Matrix Biology, 2019, 82, 71-85.	3.6	33
25	Stimulation of Caveolin-1 Signaling Improves Arteriovenous Fistula Patency. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 754-764.	2.4	16
26	Endothelial NOS: perspective and recent developments. British Journal of Pharmacology, 2019, 176, 189-196.	5.4	110
27	Endothelial Cell Autonomous Role of Akt1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 870-879.	2.4	34
28	CLOCK phosphorylation by AKT regulates its nuclear accumulation and circadian gene expression in peripheral tissues. Journal of Biological Chemistry, 2018, 293, 9126-9136.	3.4	50
29	HIF-1Î± represses the expression of the angiogenesis inhibitor thrombospondin-2. Matrix Biology, 2018, 65, 45-58.	3.6	26
30	Estrogen Reduces LDL (Low-Density Lipoprotein) Transcytosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2276-2277.	2.4	7
31	Endothelial Transcytosis of Lipoproteins in Atherosclerosis. Frontiers in Cardiovascular Medicine, 2018, 5, 130.	2.4	88
32	SMAD4 Prevents Flow Induced Arteriovenous Malformations by Inhibiting Casein Kinase 2. Circulation, 2018, 138, 2379-2394.	1.6	88
33	Lacteal junction zippering protects against diet-induced obesity. Science, 2018, 361, 599-603.	12.6	162
34	Caveolin-1 regulates lipid droplet metabolism in endothelial cells via autocrine prostacyclinâ€“stimulated, cAMP-mediated lipolysis. Journal of Biological Chemistry, 2018, 293, 973-983.	3.4	55
35	Abstract 17179: Blunted Vasoreactivity and Loss of Flow Reserve Contribute to Impaired Arteriogenesis in Diabetic Peripheral Artery Disease. Circulation, 2018, 138, .	1.6	0
36	Lipid Droplet Biogenesis and Function in the Endothelium. Circulation Research, 2017, 120, 1289-1297.	4.5	97

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37	Mast cellâ€“derived prostaglandin D 2 attenuates anaphylactic reactions in mice. Journal of Allergy and Clinical Immunology, 2017, 140, 630-632.e9.	2.9	28
38	Akt1Controls the Timing and Amplitude of Vascular Circadian Gene Expression. Journal of Biological Rhythms, 2017, 32, 212-221.	2.6	9
39	Contemporary Approaches to Modulating the Nitric Oxideâ€“cGMP Pathway in Cardiovascular Disease. Circulation Research, 2017, 120, 1174-1182.	4.5	68
40	A conserved C-terminal RXG motif in the NgBR subunit of cis-prenyltransferase is critical for prenyltransferase activity. Journal of Biological Chemistry, 2017, 292, 17351-17361.	3.4	39
41	Critical role of caveolin-1 in ocular neovascularization and multitargeted antiangiogenic effects of cavtratin via JNK. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10737-10742.	7.1	30
42	Long-Chain Polyprenols Promote Spore Wall Formation in Saccharomyces cerevisiae. Genetics, 2017, 207, 1371-1386.	2.9	18
43	Eph-B4 regulates adaptive venous remodeling to improve arteriovenous fistula patency. Scientific Reports, 2017, 7, 15386.	3.3	32
44	Opposing Actions of AKT (Protein Kinase B) Isoforms in Vascular Smooth Muscle Injury and Therapeutic Response. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2311-2321.	2.4	22
45	PI3 kinase inhibition improves vascular malformations in mouse models of hereditary haemorrhagic telangiectasia. Nature Communications, 2016, 7, 13650.	12.8	136
46	Chronic miRâ€29 antagonism promotes favorable plaque remodeling in atherosclerotic mice. EMBO Molecular Medicine, 2016, 8, 643-653.	6.9	61
47	cis-Prenyltransferase: New Insights into Protein Glycosylation, Rubber Synthesis, and Human Diseases. Journal of Biological Chemistry, 2016, 291, 18582-18590.	3.4	66
48	Genome-wide RNAi screen reveals ALK1 mediates LDL uptake and transcytosis in endothelial cells. Nature Communications, 2016, 7, 13516.	12.8	115
49	Ng <scp>BR</scp> is essential for endothelial cell glycosylation and vascular development. EMBO Reports, 2016, 17, 167-177.	4.5	35
50	Smooth Muscle Hypoxia-Inducible Factor 1Î± Links Intravascular Pressure and Atherosclerosisâ€”Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 442-445.	2.4	33
51	The Protein Acyl Transferase ZDHHC21 Modulates Î±1 Adrenergic Receptor Function and Regulates Hemodynamics. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 370-379.	2.4	18
52	Uncoupling Caveolae From Intracellular Signaling In Vivo. Circulation Research, 2016, 118, 48-55.	4.5	24
53	VEGF-Induced Expression of miR-17â€“92 Cluster in Endothelial Cells Is Mediated by ERK/ELK1 Activation and Regulates Angiogenesis. Circulation Research, 2016, 118, 38-47.	4.5	141
54	Enhanced eNOS Activation as the Fountain of Youth for Vascular Disease. Circulation Research, 2015, 117, 309-310.	4.5	4

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55	Inflammation and the Blood Microvascular System. Cold Spring Harbor Perspectives in Biology, 2015, 7, a016345.	5.5	200
56	Hematopoietic Akt2 deficiency attenuates the progression of atherosclerosis. FASEB Journal, 2015, 29, 597-610.	0.5	35
57	Up-regulation of Thrombospondin-2 in Akt1-null Mice Contributes to Compromised Tissue Repair Due to Abnormalities in Fibroblast Function. Journal of Biological Chemistry, 2015, 290, 409-422.	3.4	14
58	A randomized trial to assess the pharmacodynamics and pharmacokinetics of a single dose of an extended-release aspirin formulation. Postgraduate Medicine, 2015, 127, 573-580.	2.0	22
59	Phosphorylation of GATA-6 is required for vascular smooth muscle cell differentiation after mTORC1 inhibition. Science Signaling, 2015, 8, ra44.	3.6	39
60	Genetic Evidence Supports a Major Role for Akt1 in VSMCs During Atherogenesis. Circulation Research, 2015, 116, 1744-1752.	4.5	31
61	Endothelial Glucocorticoid Receptor Suppresses Atherogenesisâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 779-782.	2.4	28
62	Endothelial miR-17â^¼92 cluster negatively regulates arteriogenesis via miRNA-19 repression of WNT signaling. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12812-12817.	7.1	61
63	Stromal cellâ€"derived factor 2 is critical for Hsp90-dependent eNOS activation. Science Signaling, 2015, 8, ra81.	3.6	14
64	Loss of the Endothelial Glucocorticoid Receptor Prevents the Therapeutic Protection Afforded by Dexamethasone after LPS. PLoS ONE, 2014, 9, e108126.	2.5	17
65	eNOS-derived nitric oxide regulates endothelial barrier function through VE-cadherin and Rho GTPases. Journal of Cell Science, 2014, 127, 2120-2120.	2.0	8
66	Reticulon 4 Is Necessary for Endoplasmic Reticulum Tubulation, STIM1-Orai1 Coupling, and Store-operated Calcium Entry. Journal of Biological Chemistry, 2014, 289, 9380-9395.	3.4	62
67	Angiopoietin-2 Secretion by Endothelial Cell Exosomes. Journal of Biological Chemistry, 2014, 289, 510-519.	3.4	79
68	Mutation of Nogo-B Receptor, a Subunit of cis-Prenyltransferase, Causes a Congenital Disorder of Glycosylation. Cell Metabolism, 2014, 20, 448-457.	16.2	104
69	Endothelial Akt1 mediates angiogenesis by phosphorylating multiple angiogenic substrates. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12865-12870.	7.1	120
70	Dynamin 2 regulation of integrin endocytosis, but not VEGF signaling, is crucial for developmental angiogenesis. Development (Cambridge), 2014, 141, 1465-1472.	2.5	36
71	Ceramide-Activated Phosphatase Mediates Fatty Acidâ€"Induced Endothelial VEGF Resistance and Impaired Angiogenesis. American Journal of Pathology, 2014, 184, 1562-1576.	3.8	41
72	Dynamin 2 regulation of integrin endocytosis, but not VEGF signaling, is crucial for developmental angiogenesis. Journal of Cell Science, 2014, 127, e1-e1.	2.0	9

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73	Differential regulation of cell functions by CSD peptide subdomains. Respiratory Research, 2013, 14, 90.	3.6	7
74	eNOS derived nitric oxide regulates endothelial barrier function via VE cadherin and Rho GTPases. Journal of Cell Science, 2013, 126, 5541-52.	2.0	112
75	Endothelial glucocorticoid receptor is required for protection against sepsis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 306-311.	7.1	125
76	eNOS phosphorylation on serine 1176 affects insulin sensitivity and adiposity. Biochemical and Biophysical Research Communications, 2013, 431, 284-290.	2.1	34
77	Ten-eleven translocation (Tet) and thymine DNA glycosylase (TDG), components of the demethylation pathway, are direct targets of miRNA-29a. Biochemical and Biophysical Research Communications, 2013, 437, 368-373.	2.1	78
78	Telmisartan Exerts Pleiotropic Effects in Endothelial Cells and Promotes Endothelial Cell Quiescence and Survival. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1852-1860.	2.4	18
79	miRNAs as Modulators of Angiogenesis. Cold Spring Harbor Perspectives in Medicine, 2013, 3, a006643-a006643.	6.2	155
80	Deficient eNOS Phosphorylation Is a Mechanism for Diabetic Vascular Dysfunction Contributing to Increased Stroke Size. Stroke, 2013, 44, 3183-3188.	2.0	53
81	IL-13 receptor Î±₂-arginase 2 pathway mediates IL-13-induced pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L112-L124.	2.9	45
82	Rapamycin Inhibits Smooth Muscle Cell Proliferation and Obstructive Arteriopathy Attributable to Elastin Deficiency. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1028-1035.	2.4	39
83	Hypoxia-Inducible Factor-1Î± in Vascular Smooth Muscle Regulates Blood Pressure Homeostasis Through a Peroxisome Proliferatorâ€“Activated Receptor-Î³â€“Angiotensin II Receptor Type 1 Axis. Hypertension, 2013, 62, 634-640.	2.7	29
84	NO triggers RGS4 degradation to coordinate angiogenesis and cardiomyocyte growth. Journal of Clinical Investigation, 2013, 123, 1718-1731.	8.2	72
85	The Nogo-B-PirB Axis Controls Macrophage-Mediated Vascular Remodeling. PLoS ONE, 2013, 8, e81019.	2.5	20
86	Inhibition of MicroRNA-29 Enhances Elastin Levels in Cells Haploinsufficient for Elastin and in Bioengineered Vesselsâ€”Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 756-759.	2.4	94
87	Engineered Zinc-Finger Proteins Can Compensate Genetic Haploinsufficiency by Transcriptional Activation of the Wild-Type Allele: Application to Willams-Beuren Syndrome and Supravalvular Aortic Stenosis. Human Gene Therapy, 2012, 23, 1186-1199.	2.7	9
88	A New Approach to Weight Loss. Circulation Research, 2012, 111, 1111-1112.	4.5	5
89	Endothelial Cell Palmitoylproteomic Identifies Novel Lipid-Modified Targets and Potential Substrates for Protein Acyl Transferases. Circulation Research, 2012, 110, 1336-1344.	4.5	62
90	Reperfusion Injury Intensifies the Adaptive Human T Cell Alloresponse in a Human-Mouse Chimeric Artery Model. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 353-360.	2.4	25

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91	Integrase-Deficient Lentiviral Vectors Mediate Efficient Gene Transfer to Human Vascular Smooth Muscle Cells with Minimal Genotoxic Risk. Human Gene Therapy, 2012, 23, 1247-1257.	2.7	16
92	Macrophage Î²2 Integrinâ€“Mediated, HuR-Dependent Stabilization of Angiogenic Factorâ€“Encoding mRNAs in Inflammatory Angiogenesis. American Journal of Pathology, 2012, 180, 1751-1760.	3.8	47
93	Endothelium Derived Nitric Oxide Synthase Negatively Regulates the PDGF-Survivin Pathway during Flow-Dependent Vascular Remodeling. PLoS ONE, 2012, 7, e31495.	2.5	33
94	Proteomic Identification of S-Nitrosylated Golgi Proteins: New Insights into Endothelial Cell Regulation by eNOS-Derived NO. PLoS ONE, 2012, 7, e31564.	2.5	25
95	Nitric oxide synthases: regulation and function. European Heart Journal, 2012, 33, 829-837.	2.2	3,036
96	Caveolae, Fenestrae and Transendothelial Channels Retain PV1 on the Surface of Endothelial Cells. PLoS ONE, 2012, 7, e32655.	2.5	37
97	Is the eukaryotic cisâ€prenyltransferase a heteromer? The role of NgBR and its yeast ortholog Nus1 in protein glycosylation. FASEB Journal, 2012, 26, 787.5.	0.5	0
98	NogoB receptor is essential for extraembryonic vascular development and protein glycosylation. FASEB Journal, 2012, 26, 607.5.	0.5	0
99	Characterization of Lipid Droplet and Its Regulation by Caveolinâ€1 in Endothelial Cells. FASEB Journal, 2012, 26, 597.1.	0.5	0
100	A noninhibitory mutant of the caveolin-1 scaffolding domain enhances eNOS-derived NO synthesis and vasodilation in mice. Journal of Clinical Investigation, 2011, 121, 3747-3755.	8.2	105
101	Can microRNAs control vascular smooth muscle phenotypic modulation and the response to injury?. Physiological Genomics, 2011, 43, 529-533.	2.3	73
102	Endothelial reticulon-4B (Nogo-B) regulates ICAM-1â€mediated leukocyte transmigration and acute inflammation. Blood, 2011, 117, 2284-2295.	1.4	50
103	Nogo-B receptor is necessary for cellular dolichol biosynthesis and proteinN-glycosylation. EMBO Journal, 2011, 30, 2490-2500.	7.8	102
104	Reticulon 4B (Nogo-B) is a novel regulator of hepatic fibrosis. Hepatology, 2011, 53, 1306-1315.	7.3	52
105	Distinct Roles of Endothelial and Adipocyte Caveolin-1 in Macrophage Infiltration and Adipose Tissue Metabolic Activity. Diabetes, 2011, 60, 448-453.	0.6	45
106	NFBD1/MDC1 Regulates Cav1 and Cav2 Independently of DNA Damage and p53. Molecular Cancer Research, 2011, 9, 766-781.	3.4	11
107	MicroRNA Regulation of Cardiovascular Functions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2369-2369.	2.4	5
108	The Role of Nogo and the Mitochondriaâ€Endoplasmic Reticulum Unit in Pulmonary Hypertension. Science Translational Medicine, 2011, 3, 88ra55.	12.4	193

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109	Eph-B4 prevents venous adaptive remodeling in the adult arterial environment. Journal of Experimental Medicine, 2011, 208, 561-575.	8.5	53
110	Endothelial nitric oxide synthase controls the expression of the angiogenesis inhibitor thrombospondin 2. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E1137-45.	7.1	62
111	Suppression of eNOS-derived superoxide by caveolin-1: a biopterin-dependent mechanism. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H903-H911.	3.2	48
112	Smooth Muscle miRNAs Are Critical for Post-Natal Regulation of Blood Pressure and Vascular Function. PLoS ONE, 2011, 6, e18869.	2.5	116
113	ATP-Binding Cassette Transporter G1 and High-Density Lipoprotein Promote Endothelial NO Synthesis Through a Decrease in the Interaction of Caveolin-1 and Endothelial NO Synthase. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2219-2225.	2.4	89
114	Telmisartan regresses left ventricular hypertrophy in caveolin-1-deficient mice. Laboratory Investigation, 2010, 90, 1573-1581.	3.7	10
115	Quantitative Proteomics of Caveolin-1-regulated Proteins. Molecular and Cellular Proteomics, 2010, 9, 2109-2124.	3.8	39
116	Spotlight on mechanisms of vascular inflammation. Cardiovascular Research, 2010, 86, 171-173.	3.8	6
117	Epithelial reticulon 4B (Nogo-B) is an endogenous regulator of Th2-driven lung inflammation. Journal of Experimental Medicine, 2010, 207, 2595-2607.	8.5	39
118	PS224. Nogo-B Protein Modulates Intimal Thickening During Vein Graft Adaptation. Journal of Vascular Surgery, 2010, 51, 77S.	1.1	0
119	MicroRNAs Are Necessary for Vascular Smooth Muscle Growth, Differentiation, and Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1118-1126.	2.4	238
120	Sin1-mTORC2 Suppresses rag and il7r Gene Expression through Akt2 in B Cells. Molecular Cell, 2010, 39, 433-443.	9.7	64
121	A New Way to Lower Blood Pressure: Pass the Chili Peppers Please!. Cell Metabolism, 2010, 12, 109-110.	16.2	8
122	Caveolae, caveolins, and cavins: complex control of cellular signalling and inflammation. Cardiovascular Research, 2010, 86, 219-225.	3.8	251
123	Endothelial-Specific Overexpression of Caveolin-1 Accelerates Atherosclerosis in Apolipoprotein E-Deficient Mice. American Journal of Pathology, 2010, 177, 998-1003.	3.8	91
124	Identification and Regulation of Reticulon 4B (Nogo-B) in Renal Tubular Epithelial Cells. American Journal of Pathology, 2010, 177, 2765-2773.	3.8	17
125	CCM3 signaling through sterile 20â€“like kinases plays an essential role during zebrafish cardiovascular development and cerebral cavernous malformations. Journal of Clinical Investigation, 2010, 120, 2795-2804.	8.2	139
126	MicroRNAs As Novel Regulators of Angiogenesis. Circulation Research, 2009, 104, 442-454.	4.5	383

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127	Akt1 is critical for acute inflammation and histamine-mediated vascular leakage. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14552-14557.	7.1	147
128	Reticulon 4B (Nogo-B) is necessary for macrophage infiltration and tissue repair. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17511-17516.	7.1	82
129	Myoferlin is critical for endocytosis in endothelial cells. American Journal of Physiology - Cell Physiology, 2009, 297, C484-C492.	4.6	74
130	Absence of Akt1 Reduces Vascular Smooth Muscle Cell Migration and Survival and Induces Features of Plaque Vulnerability and Cardiac Dysfunction During Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 2033-2040.	2.4	133
131	Serial Noninvasive Targeted Imaging of Peripheral Angiogenesis: Validation and Application of a Semiautomated Quantitative Approach. Journal of Nuclear Medicine, 2009, 50, 1356-1363.	5.0	36
132	Molecular control of blood flow and angiogenesis: role of nitric oxide. Journal of Thrombosis and Haemostasis, 2009, 7, 35-37.	3.8	82
133	Bayesian Analysis of iTRAQ Data with Nonrandom Missingness: Identification of Differentially Expressed Proteins. Statistics in Biosciences, 2009, 1, 228-245.	1.2	21
134	Genetic Evidence Supporting a Critical Role of Endothelial Caveolin-1 during the Progression of Atherosclerosis. Cell Metabolism, 2009, 10, 48-54.	16.2	152
135	Nogo-B Receptor Stabilizes Niemann-Pick Type C2 Protein and Regulates Intracellular Cholesterol Trafficking. Cell Metabolism, 2009, 10, 208-218.	16.2	68
136	Endothelial Caveolin-1 Regulates Pathologic Angiogenesis in a Mouse Model of Colitis. Gastroenterology, 2009, 136, 575-584.e2.	1.3	49
137	The Akt1-eNOS Axis Illustrates the Specificity of Kinase-Substrate Relationships in Vivo. Science Signaling, 2009, 2, ra41.	3.6	84
138	The mammalian target of rapamycin complex 2 controls folding and stability of Akt and protein kinase C. EMBO Journal, 2008, 27, 1932-1943.	7.8	482
139	Perivascular nitric oxide gradients normalize tumor vasculature. Nature Medicine, 2008, 14, 255-257.	30.7	161
140	Thrombospondin-2 Modulates Extracellular Matrix Remodeling during Physiological Angiogenesis. American Journal of Pathology, 2008, 173, 879-891.	3.8	95
141	Serine 23 and 36 Phosphorylation of Caveolin-2 Is Differentially Regulated by Targeting to Lipid Raft/Caveolae and in Mitotic Endothelial Cells. Biochemistry, 2008, 47, 101-111.	2.5	26
142	Prohibitin-1 maintains the angiogenic capacity of endothelial cells by regulating mitochondrial function and senescence. Journal of Cell Biology, 2008, 180, 101-112.	5.2	175
143	Are the Mechanisms for NO-Dependent Vascular Remodeling Different From Vasorelaxation In Vivo?. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1207-1208.	2.4	9
144	Dicer-dependent endothelial microRNAs are necessary for postnatal angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14082-14087.	7.1	453

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145	MyD88-dependent, superoxide-initiated inflammation is necessary for flow-mediated inward remodeling of conduit arteries. Journal of Experimental Medicine, 2008, 205, 3159-3171.	8.5	59
146	Antifibrotic properties of caveolin-1 scaffolding domain in vitro and in vivo. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L843-L861.	2.9	135
147	Role of prostaglandin D ₂ receptor DP as a suppressor of tumor hyperpermeability and angiogenesis in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20009-20014.	7.1	86
148	Dominant-Negative Hsp90 Reduces VEGF-Stimulated Nitric Oxide Release and Migration in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 105-111.	2.4	55
149	In Vivo Modulation of Nogo-B Attenuates Neointima Formation. Molecular Therapy, 2008, 16, 1798-1804.	8.2	37
150	Chapter 1 Approaches for Studying Angiogenesisâ€Related Signal Transduction. Methods in Enzymology, 2008, 443, 1-23.	1.0	2
151	AIP1 functions as an endogenous inhibitor of VEGFR2-mediated signaling and inflammatory angiogenesis in mice. Journal of Clinical Investigation, 2008, 118, 3904-3916.	8.2	75
152	Caveolin-1 Influences Vascular Protease Activity and Is a Potential Stabilizing Factor in Human Atherosclerotic Disease. PLoS ONE, 2008, 3, e2612.	2.5	36
153	Nogoâ€B limits intimaâ€media thickening during mouse vein graft adaptation. FASEB Journal, 2008, 22, 174.4.	0.5	0
154	Genetic Evidence Supporting Caveolae Microdomain Regulation of Calcium Entry in Endothelial Cells. Journal of Biological Chemistry, 2007, 282, 16631-16643.	3.4	132
155	Myoferlin Regulates Vascular Endothelial Growth Factor Receptor-2 Stability and Function. Journal of Biological Chemistry, 2007, 282, 30745-30753.	3.4	100
156	Venous Identity Is Lost but Arterial Identity Is Not Gained During Vein Graft Adaptation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1562-1571.	2.4	110
157	Reexpression of caveolin-1 in endothelium rescues the vascular, cardiac, and pulmonary defects in global caveolin-1 knockout mice. Journal of Experimental Medicine, 2007, 204, 2373-2382.	8.5	224
158	Dicer Dependent MicroRNAs Regulate Gene Expression and Functions in Human Endothelial Cells. Circulation Research, 2007, 100, 1164-1173.	4.5	656
159	Caveolin-1â€“Deficient Mice Have Increased Tumor Microvascular Permeability, Angiogenesis, and Growth. Cancer Research, 2007, 67, 2849-2856.	0.9	129
160	Variant estrogen receptorâ€“c-Src molecular interdependence and c-Src structural requirements for endothelial NO synthase activation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16468-16473.	7.1	75
161	Low Levels of Nogo-B in Human Carotid Atherosclerotic Plaques Are Associated With an Atheromatous Phenotype, Restenosis, and Stenosis Severity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1354-1360.	2.4	38
162	Role of endothelial-derived nitric oxide in hypertension and renal disease. Current Opinion in Nephrology and Hypertension, 2007, 16, 105-110.	2.0	24

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163	Loss of Akt1 Leads to Severe Atherosclerosis and Occlusive Coronary Artery Disease. Cell Metabolism, 2007, 6, 446-457.	16.2	253
164	Endothelial-Specific Expression of Mitochondrial Thioredoxin Improves Endothelial Cell Function and Reduces Atherosclerotic Lesions. American Journal of Pathology, 2007, 170, 1108-1120.	3.8	130
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