Zsolt Bagi

List of Publications by Year
in descending order

135 papers	4,968 citations	81743 39 h-index	95083 68 g-index
137 all docs	137 docs citations	137 times ranked	6986 citing authors

#	Article	IF	Citations
1	Resveratrol confers endothelial protection via activation of the antioxidant transcription factor Nrf2. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H18-H24.	1.5	457
2	Expression and distribution of vanilloid receptor 1 (TRPV1) in the adult rat brain. Molecular Brain Research, 2005, 135, 162-168.	2.5	383
3	Resveratrol attenuates mitochondrial oxidative stress in coronary arterial endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1876-H1881.	1.5	300
4	Empagliflozin improves endothelial and cardiomyocyte functionÂin human heart failure with preserved ejection fraction via reduced pro-inflammatory-oxidative pathways and protein kinase GÎ± oxidation. Cardiovascular Research, 2021, 117, 495-507.	1.8	167
5	PPARÎ³ activation, by reducing oxidative stress, increases NO bioavailability in coronary arterioles of mice with Type 2 diabetes. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H742-H748.	1.5	155
6	Type 2 Diabetic Mice Have Increased Arteriolar Tone and Blood Pressure. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1610-1616.	1.1	133
7	Tissue-Specific Regulation of Microvascular Diameter: Opposite Functional Roles of Neuronal and Smooth Muscle Located Vanilloid Receptor-1. Molecular Pharmacology, 2008, 73, 1405-1412.	1.0	113
8	MicroRNA-155 Deficiency Leads to Decreased Atherosclerosis, Increased White Adipose Tissue Obesity, and Non-alcoholic Fatty Liver Disease. Journal of Biological Chemistry, 2017, 292, 1267-1287.	1.6	107
9	Superoxide-NO interaction decreases flow- and agonist-induced dilations of coronary arterioles in Type 2 diabetes mellitus. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H1404-H1410.	1.5	106
10	PECAM-1 Mediates NO-Dependent Dilation of Arterioles to High Temporal Gradients of Shear Stress. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1590-1595.	1.1	105
11	Peroxynitrite Disrupts Endothelial Caveolae Leading to eNOS Uncoupling and Diminished Flow-Mediated Dilation in Coronary Arterioles of Diabetic Patients. Diabetes, 2014, 63, 1381-1393.	0.3	102
12	Increased Cyclooxygenase-2 Expression and Prostaglandin-Mediated Dilation in Coronary Arterioles of Patients With Diabetes Mellitus. Circulation Research, 2006, 99, e12-7.	2.0	98
13	High-fat diet-induced reduction in nitric oxide-dependent arteriolar dilation in rats: role of xanthine oxidase-derived superoxide anion. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H2107-H2115.	1.5	88
14	Caveolin-1 is a negative regulator of NADPH oxidase-derived reactive oxygen species. Free Radical Biology and Medicine, 2014, 73, 201-213.	1.3	87
15	Obesity-induced vascular dysfunction and arterial stiffening requires endothelial cell arginase 1. Cardiovascular Research, 2017, 113, 1664-1676.	1.8	82
16	Arginase 1 contributes to diminished coronary arteriolar dilation in patients with diabetes. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H777-H783.	1.5	78
17	On the role of mechanosensitive mechanisms eliciting reactive hyperemia. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H2250-H2259.	1.5	74
18	Lack of Nitric Oxide Mediation of Flow-Dependent Arteriolar Dilation in Type I Diabetes Is Restored by Sepiapterin. Journal of Vascular Research, 2003, 40, 47-57.	0.6	70

#	Article	IF	Citations
19	Regulation of endothelial intracellular adenosine via adenosine kinase epigenetically modulates vascular inflammation. Nature Communications, 2017, 8, 943.	5.8	69
20	Biphasic effect of hydrogen peroxide on skeletal muscle arteriolar tone via activation of endothelial and smooth muscle signaling pathways. Journal of Applied Physiology, 2004, 97, 1130-1137.	1.2	65
21	The levosimendan metabolite OR-1896 elicits vasodilation by activating the KATP and BKCa channels in rat isolated arterioles. British Journal of Pharmacology, 2006, 148, 696-702.	2.7	65
22	Intracellular adenosine regulates epigenetic programming in endothelial cells to promote angiogenesis. EMBO Molecular Medicine, 2017, 9, 1263-1278.	3.3	64
23	Phosphorylation-Dependent Desensitization by Anandamide of Vanilloid Receptor-1 (TRPV1) Function in Rat Skeletal Muscle Arterioles and in Chinese Hamster Ovary Cells Expressing TRPV1. Molecular Pharmacology, 2006, 69, 1015-1023.	1.0	62
24	Xanthine Oxidaseâ€“Derived Reactive Oxygen Species Convert Flow-Induced Arteriolar Dilation to Constriction in Hyperhomocysteinemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 28-33.	1.1	61
25	Impaired Nitric Oxide-Mediated Flow-Induced Coronary Dilation in Hyperhomocysteinemia. American Journal of Pathology, 2002, 161, 145-153.	1.9	58
26	High-fat diet-induced obesity leads to increased NO sensitivity of rat coronary arterioles: role of soluble guanylate cyclase activation. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2558-H2564.	1.5	58
27	Simultaneously Increased TxA ₂ Activity in Isolated Arterioles and Platelets of Rats With Hyperhomocysteinemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 1203-1208.	1.1	53
28	Ghrelin induces vasoconstriction in the rat coronary vasculature without altering cardiac peptide secretion. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1522-H1529.	1.5	52
29	Microvascular responsiveness in obesity: implications for therapeutic intervention. British Journal of Pharmacology, 2012, 165, 544-560.	2.7	49
30	A Novel Tumor Necrosis Factorâ€“mediated Mechanism of Direct Epithelial Sodium Channel Activation. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 522-532.	2.5	49
31	Role of Adipose Tissue Endothelial ADAM17 in Age-Related Coronary Microvascular Dysfunction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1180-1193.	1.1	49
32	Oxidative stress-induced dysregulation of arteriolar wall shear stress and blood pressure in hyperhomocysteinemia is prevented by chronic vitamin C treatment. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H2277-H2283.	1.5	47
33	New Trends in the Development of Oral Antidiabetic Drugs. Current Medicinal Chemistry, 2002, 9, 53-71.	1.2	46
34	Vasculo-Neuronal Coupling and Neurovascular Coupling at the Neurovascular Unit: Impact of Hypertension. Frontiers in Physiology, 2020, 11, 584135.	1.3	46
35	Microvascular dysfunction after transient high glucose is caused by superoxide-dependent reduction in the bioavailability of NO and BH4. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H626-H633.	1.5	45
36	H2O2 increases production of constrictor prostaglandins in smooth muscle leading to enhanced arteriolar tone in Type 2 diabetic mice. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H649-H656.	1.5	45

#	Article	IF	Citations
37	Activation of the Poly(ADP-Ribose) Polymerase Pathway in Human Heart Failure. Molecular Medicine, 2006, 12, 143-152.	1.9	44
38	Age-related impairment of conducted dilation in human coronary arterioles. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H1595-H1601.	1.5	42
39	Nitric oxide and H2O2 contribute to reactive dilation of isolated coronary arterioles. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H2461-H2467.	1.5	41
40	Asymmetrical Dimethylarginine Inhibits Shear Stressâ€“Induced Nitric Oxide Release and Dilation and Elicits Superoxide-Mediated Increase in Arteriolar Tone. Hypertension, 2007, 49, 563-568.	1.3	41
41	Activation of prostaglandin E2 EP1 receptor increases arteriolar tone and blood pressure in mice with type 2 diabetes. Cardiovascular Research, 2009, 83, 148-154.	1.8	41
42	Reactive Oxygen Species and Cyclooxygenase 2-Derived Thromboxane A2 Reduce Angiotensin II Type 2 Receptor Vasorelaxation in Diabetic Rat Resistance Arteries. Hypertension, 2010, 55, 339-344.	1.3	39
43	Molecular imaging with optical coherence tomography using ligand-conjugated microparticles that detect activated endothelial cells: Rational design through target quantification. Atherosclerosis, 2011, 219, 579-587.	0.4	39
44	Nox5 stability and superoxide production is regulated by C-terminal binding of Hsp90 and CO-chaperones. Free Radical Biology and Medicine, 2015, 89, 793-805.	1.3	39
45	Caveolin-1 limits the contribution of BK(Ca) channel to EDHF-mediated arteriolar dilation: implications in diet-induced obesity. Cardiovascular Research, 2010, 87, 732-739.	1.8	37
46	Adaptation of Vasomotor Function of Human Coronary Arterioles to the Simultaneous Presence of Obesity and Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2348-2354.	1.1	36
47	Flow-Induced Constriction in Arterioles of Hyperhomocysteinemic Rats Is Due to Impaired Nitric Oxide and Enhanced Thromboxane A ₂ Mediation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 233-237.	1.1	35
48	Contribution of polyol pathway to arteriolar dysfunction in hyperglycemia. Role of oxidative stress, reduced NO, and enhanced PGH2/TXA2 mediation. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H3096-H3104.	1.5	35
49	Activation of hexosamine pathway impairs nitric oxide (NO)-dependent arteriolar dilations by increased protein O-GlcNAcylation. Vascular Pharmacology, 2012, 56, 115-121.	1.0	34
50	l-Citrulline Protects from Kidney Damage in Type 1 Diabetic Mice. Frontiers in Immunology, 2013, 4, 480.	2.2	34
51	Obesity-induced vascular inflammation involves elevated arginase activity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 313, R560-R571.	0.9	34
52	Obesity and Coronary Microvascular Disease â€“ Implications for Adipose Tissue-Mediated Remote Inflammatory Response. Current Vascular Pharmacology, 2014, 12, 453-461.	0.8	33
53	Low-Salt Diet and Circadian Dysfunction Synergize to Induce Angiotensin IIâ€“Dependent Hypertension in Mice. Hypertension, 2016, 67, 661-668.	1.3	31
54	Akt2 (Protein Kinase B Beta) Stabilizes ATP7A, a Copper Transporter for Extracellular Superoxide Dismutase, in Vascular Smooth Muscle. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 529-541.	1.1	31

#	Article	IF	Citations
55	Mechanisms of coronary microvascular adaptation to obesity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R556-R567.	0.9	30
56	Electrophysiological effects of risperidone in mammalian cardiac cells. Naunyn-Schmiedeberg's Archives of Pharmacology, 2002, 366, 350-356.	1.4	28
57	Hypoxic relaxation of penile arteries: involvement of endothelial nitric oxide and modulation by reactive oxygen species. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H915-H924.	1.5	28
58	Exacerbation of endothelial dysfunction during the progression of diabetes: role of oxidative stress. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R674-R681.	0.9	27
59	Activation of Calpain-2 by Mediators in Pulmonary Vascular Remodeling of Pulmonary Arterial Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 384-393.	1.4	27
60	Increased availability of angiotensin AT₁ receptors leads to sustained arterial constriction to angiotensin II in diabetes â€“ role for Rhoâ€kinase activation. British Journal of Pharmacology, 2011, 163, 1059-1068.	2.7	26
61	Vasodilator dysfunction and oligodendrocyte dysmaturation in aging white matter. Annals of Neurology, 2018, 83, 142-152.	2.8	25
62	Endothelial regulation of coronary microcirculation in health and cardiometabolic diseases. Internal and Emergency Medicine, 2013, 8, 51-54.	1.0	24
63	Caveolin-1 prevents sustained angiotensin II-induced resistance artery constriction and obesity-induced high blood pressure. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H376-H385.	1.5	24
64	Prevention and Treatment of No-Reflow Phenomenon by Targeting the Coronary Microcirculation. Reviews in Cardiovascular Medicine, 2014, 15, 38-51.	0.5	24
65	High intraluminal pressure via H2O2 upregulates arteriolar constrictions to angiotensin II by increasing the functional availability of AT1 receptors. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H835-H841.	1.5	23
66	A novel role for the Wnt inhibitor APCDD1 in adipocyte differentiation: Implications for diet-induced obesity. Journal of Biological Chemistry, 2017, 292, 6312-6324.	1.6	23
67	Cardiac electrophysiological effects of citalopram in guinea pig papillary muscle Comparison with clomipramine. General Pharmacology, 2000, 34, 17-23.	0.7	22
68	Assessing Myogenic Response and Vasoactivity In Resistance Mesenteric Arteries Using Pressure Myography. Journal of Visualized Experiments, 2015, , e50997.	0.2	17
69	Adenosine Kinase Inhibition Augments Conducted Vasodilation and Prevents Left Ventricle Diastolic Dysfunction in Heart Failure With Preserved Ejection Fraction. Circulation: Heart Failure, 2019, 12, e005762.	1.6	17
70	Increased Tissue Angiotensin-Converting Enzyme Activity Impairs Bradykinin-Induced Dilation of Coronary Arterioles in Obesity. Circulation Journal, 2013, 77, 1867-1876.	0.7	16
71	Role of growth hormone-releasing hormone in dyslipidemia associated with experimental type 1 diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1895-1900.	3.3	16
72	Preserved coronary arteriolar dilatation in patients with type 2 diabetes mellitus: Implications for reactive oxygen species. Pharmacological Reports, 2009, 61, 99-104.	1.5	15

#	Article	IF	Citations
73	Levosimendan and its metabolite OR-1896 elicit KATP channel-dependent dilation in resistance arteries in vivo. Pharmacological Reports, 2013, 65, 1304-1310.	1.5	15
74	Prevention and treatment of no-reflow phenomenon by targeting the coronary microcirculation. Reviews in Cardiovascular Medicine, 2014, 15, 38-51.	0.5	15
75	Selective Up-Regulation of Arginase-1 in Coronary Arteries of Diabetic Patients. Frontiers in Immunology, 2013, 4, 293.	2.2	14
76	Endothelial adenosine kinase deficiency ameliorates diet-induced insulin resistance. Journal of Endocrinology, 2019, 242, 159-172.	1.2	14
77	Cyclooxygenase-2 derived thromboxane A2 and reactive oxygen species mediate flow-induced constrictions of venules in hyperhomocysteinemia. Atherosclerosis, 2010, 208, 43-49.	0.4	13
78	Association of cerebral microvascular dysfunction and white matter injury in Alzheimerâ€™s disease. GeroScience, 2022, 44, 1-14.	2.1	13
79	A Novel Subset of CD95+ Pro-Inflammatory Macrophages Overcome miR155 Deficiency and May Serve as a Switch From Metabolically Healthy Obesity to Metabolically Unhealthy Obesity. Frontiers in Immunology, 2020, 11, 619951.	2.2	12
80	Lack of flow mediated dilation and enhanced angiotensin II-induced constriction in skeletal muscle arterioles of lupus-prone autoimmune mice. Lupus, 2006, 15, 326-334.	0.8	11
81	Where Have All the Stem Cells Gone?. Circulation Research, 2009, 104, 280-281.	2.0	11
82	Chronic Renal Failure Leads to Reduced Flow-Dependent Dilation in Isolated Rat Skeletal Muscle Arterioles due to Lack of NO Mediation. Kidney and Blood Pressure Research, 2003, 26, 19-26.	0.9	10
83	Aging-induced impaired endothelial wall shear stress mechanosensing causes arterial remodeling via JAM-A/F11R shedding by ADAM17. GeroScience, 2022, 44, 349-369.	2.1	10
84	Extracellular vesicle integrins act as a nexus for platelet adhesion in cerebral microvessels. Scientific Reports, 2019, 9, 15847.	1.6	9
85	Deficiency of Myeloid Pfkfb3 Protects Mice From Lung Edema and Cardiac Dysfunction in LPS-Induced Endotoxemia. Frontiers in Cardiovascular Medicine, 2021, 8, 745810.	1.1	9
86	Thromboxane A₂ Contributes to the Mediation of Flow-Induced Responses of Skeletal Muscle Venules: Role of Cyclooxygenases 1 and 2. Journal of Vascular Research, 2009, 46, 397-405.	0.6	8
87	Review: Circadian clocks and rhythms in the vascular tree. Current Opinion in Pharmacology, 2021, 59, 52-60.	1.7	6
88	Obesity and statins are both independent predictors of enhanced coronary arteriolar dilation in patients undergoing heart surgery. Journal of Cardiothoracic Surgery, 2013, 8, 117.	0.4	4
89	Adenosine kinase inhibition enhances microvascular dilator function and improves left ventricle diastolic dysfunction. Microcirculation, 2020, 27, e12624.	1.0	4
90	Resveratrol confers endothelial protection via activation of the antioxidant transcription factor Nrf2. FASEB Journal, 2011, 25, 1093.13.	0.2	4

#	Article	IF	Citations
91	Effect of a novel stobadine derivative on isolated rat arteries. Interdisciplinary Toxicology, 2013, 6, 63-66.	1.0	3
92	Prkaa1 Metabolically Regulates Monocyte/Macrophage Recruitment and Viability in Diet-Induced Murine Metabolic Disorders. Frontiers in Cell and Developmental Biology, 2020, 8, 611354.	1.8	3
93	Coronary Microvascular Dysfunction and Heart Failure with Preserved Ejection Fraction - implications for Chronic Inflammatory Mechanisms. Current Cardiology Reviews, 2022, 18, .	0.6	3
94	Impaired coronary collateral growth: miR-shaken neutrophils caught in the act. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1321-H1322.	1.5	2
95	Rapid decline of resting heart rate trajectories from childhood to young adulthood is paradoxically associated with increased cardiac mass. Acta Cardiologica, 2021, , 1-7.	0.3	2
96	Effects of Race, Cardiac Mass, and Cardiac Load on Myocardial Function Trajectories from Childhood to Young Adulthood: The Augusta Heart Study. Journal of the American Heart Association, 2021, 10, e015612.	1.6	2
97	Role of Caveolae in the Development of Microvascular Dysfunction and Hyperglycemia in Type 2 Diabetes. Frontiers in Physiology, 2022, 13, 825018.	1.3	2
98	Too much TRAFfic at the crossroads of diabetes and endothelial dysfunction. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H65-H67.	1.5	1
99	Role of ADAM17 in Agingâ€induced Vascular Remodeling of Skeletal Muscle Resistance Arteries. FASEB Journal, 2021, 35, .	0.2	0
100	Role of Endothelial Cell Specific Adhesion Molecule in the Development of Pulmonary Microvascular Dysfunction in HFpEF. FASEB Journal, 2021, 35, .	0.2	0
101	Vascular Rarefaction and Perivascular Fibrosis Contribute to the Development of Left Ventricular Diastolic Dysfunction in HFpEF. FASEB Journal, 2021, 35, .	0.2	0
102	High intraluminal pressure reduces tachyphylaxis to angiotensin II in isolated arterioles. FASEB Journal, 2006, 20, A306.	0.2	0
103	High intraluminal pressure via increased release of hydrogen peroxide maintains arteriolar responsiveness to angiotensin II. FASEB Journal, 2007, 21, A1248.	0.2	0
104	Aldose reductase inhibition reduces endothelial dysfunction and oxidative stress in skeletal muscle arterioles exposed to hyperglycemia. FASEB Journal, 2007, 21, A834.	0.2	0
105	Multiple effects of diabetes mellitus on the vasomotor responses of human coronary arterioles. FASEB Journal, 2007, 21, A1226.	0.2	0
106	Increased soluble guanylate cyclase (sGC) activity may compensate for the high fat dietâ€induced reduction in NO bioavailability of rat coronary arterioles. FASEB Journal, 2007, 21, A1226.	0.2	0
107	High Glucose Concentrations via Activating Rhoâ€kinase Leads to Augmented and Sustained Angiotensin IIâ€induced Arteriolar Constrictions. FASEB Journal, 2008, 22, 732.11.	0.2	0
108	Augmented angiotensin IIâ€induced arteriolar constrictions in mice with type 2 diabetes mellitus â€"role for cyclooxygenaseâ€2. FASEB Journal, 2009, 23, 594.1.	0.2	0

#	Article	IF	Citations
109	Role of caveolae in regulating large conductance potassium channel activation in coronary arterioles of rats on high fat diet. FASEB Journal, 2009, 23, 594.7.	0.2	0
110	Caveolae by interfering internalization of AT1 receptors regulate constrictions of isolated arterioles to Ang II. FASEB Journal, 2009, 23, 767.1.	0.2	0
111	Exacerbation of endothelial dysfunction in aged diabetic mice. FASEB Journal, 2010, 24, 981.9.	0.2	0
112	Insulin supplementation elevates systolic blood pressure and arteriolar tone in mice with Type 2 diabetes. FASEB Journal, 2010, 24, 592.7.	0.2	0
113	Functional evidence for upâ€regulated angiotensin converting enzyme (ACE) in coronary arterioles of rats on high fat diet. FASEB Journal, 2010, 24, 1034.9.	0.2	0
114	Caveolinâ€1 limits the contribution of BK(Ca) channel to EDHFâ€mediated arteriolar dilation. FASEB Journal, 2010, 24, .	0.2	0
115	Coronary arterioles of type 2 diabetic patients exhibit diminished dilation to sudden increases in wall shear stress. FASEB Journal, 2011, 25, 1025.4.	0.2	0
116	Conducted vasodilatation in human coronary arterioles. FASEB Journal, 2011, 25, .	0.2	0
117	Activation of calpain in pulmonary arterial smooth muscle cells (PASMCs). FASEB Journal, 2013, 27, 1141.5.	0.2	0
118	Loss of endothelial caveolae leads to eNOS uncoupling and impaired flowâ€mediated dilation in human coronary arterioles in diabetes. FASEB Journal, 2013, 27, 900.8.	0.2	0
119	Adipose tissue arteryâ€derived TNF impairs dilation of skeletal muscle resistance arteries in obesity. FASEB Journal, 2013, 27, 900.9.	0.2	0
120	Obesity and statins are predictive of enhanced coronary resistance artery dilation in patients undergoing cardiac surgery. FASEB Journal, 2013, 27, 1185.9.	0.2	0
121	ADAM17 via F11R/JAMâ€A Shedding Regulates Flow/Wall Shear Stress Mechanosensing in Endothelial Cells. FASEB Journal, 2018, 32, 707.2.	0.2	0
122	Increasing endothelial adenosine via adenosine kinase inhibition augments conducted vasodilation in HFpEF. FASEB Journal, 2018, 32, 579.5.	0.2	0
123	Selectively Impaired Vasodilation of Human White Matter Penetrating Cerebral Arterioles in Microvascular Brain Injury and Alzheimer's disease. FASEB Journal, 2018, 32, 711.15.	0.2	0
124	Abstract 043: Endothelial Adenosine Kinase Deficiency Ameliorates Diet-induced Insulin Resistance. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	1.1	0
125	Abstract 096: Progesterone Upregulates Endothelial Mineralocorticoid Receptor Expression Which Predisposes Female Mice to Obesity-Induced Endothelial Dysfunction. Hypertension, 2018, 72, .	1.3	0
126	The adenosine kinase inhibitor ABTâ€702 improves coronary vasodilator and left ventricle diastolic dysfunction in obese ZSF1 rats. FASEB Journal, 2019, 33, 685.8.	0.2	0

#	Article	IF	Citations
127	ADAM17 impairs F11R/JAMâ€Aâ€mediated wall shear stress mechanosensing and induces agingâ€related inward artery remodeling. FASEB Journal, 2019, 33, 684.15.	0.2	0
128	Obesity impairs ADAM17â€mediated vascularization of pericardial adipose tissue in patients with coronary artery disease. FASEB Journal, 2019, 33, 517.1.	0.2	0
129	Mice with endotheliumâ€selective deletion of adenosine kinase are protected against pressure overload induced left ventricle contractile dysfunction. FASEB Journal, 2019, 33, 532.12.	0.2	0
130	The PDE9A inhibitor PF04447943 improves coronary arteriole vasodilation and left ventricular diastolic dysfunction in HFpEF. FASEB Journal, 2019, 33, 693.10.	0.2	0
131	ADAM17 impairs arterial fluid shear stress mechanosensing in aged mice. FASEB Journal, 2020, 34, 1-1.	0.2	0
132	Pulmonary microvascular dysfunction develops in rodent models of HFpEF. FASEB Journal, 2020, 34, 1-1.	0.2	0
133	The Role of CD44v6 in Vascular Rarefaction and Left Ventricular Diastolic Dysfunction in HFpEF. FASEB Journal, 2022, 36, .	0.2	0
134	Reduced microvascular expression of ADAM17 contributes to cognitive impairment in Alzheimer's disease model, APP/PS1 mice. FASEB Journal, 2022, 36, .	0.2	0
135	White matter penetrating arteriole dysfunction correlates with MRI-defined white matter integrity in patients with Alzheimer's disease. Cardiovascular Research, 2022, 118, .	1.8	0