David D Gutterman

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/8528822/david-d-gutterman-publications-by-year.pdf

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126 6,529 80 43 h-index g-index citations papers 7,469 153 5.2 5.99 avg, IF L-index ext. citations ext. papers

#	Paper	IF	Citations
126	Endothelial dysfunction as a complication of anti-cancer therapy <i>Pharmacology & Therapeutics</i> , 2022 , 237, 108116	13.9	2
125	Effect of Community and Socio-Economic Factors on Cardiovascular, Cancer and Cardio-Oncology Patients with COVID-19. <i>Covid</i> , 2022 , 2, 350-368		
124	Relationships among norepinephrine levels, exercise capacity, and chronotropic responses in heart failure patients <i>Heart Failure Reviews</i> , 2022 , 1	5	O
123	Reply to De Mey et al American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H68	3 ₅ H₁68	4
122	Reply to Boedtkjer and Aalkjaer <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022 , 322, H687-H688	5.2	1
121	NADPH oxidase 4 contributes to TRPV4-mediated endothelium-dependent vasodilation in human arterioles by regulating protein phosphorylation of TRPV4 channels <i>Basic Research in Cardiology</i> , 2022 , 117, 24	11.8	0
120	Vascular Dysfunction in Preeclampsia. <i>Cells</i> , 2021 , 10,	7.9	4
119	Change in out-of-hospital 12-lead ECG diagnostic classification following resuscitation from cardiac arrest. <i>Resuscitation</i> , 2021 , 169, 45-52	4	
118	Critical Interaction Between Telomerase and Autophagy in Mediating Flow-Induced Human Arteriolar Vasodilation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 446-457	9.4	8
117	The impact of standing desks on cardiometabolic and vascular health. Vascular Medicine, 2021, 26, 374-	3 § 2	1
116	Prolonged Endothelial Dysfunction in Human Arterioles with SARS-CoV-2. FASEB Journal, 2021, 35,	0.9	78
115	Guidelines for the measurement of vascular function and structure in isolated arteries and veins. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 321, H77-H111	5.2	22
114	Is microvascular dysfunction a systemic disorder with common biomarkers found in the heart, brain, and kidneys? - A scoping review. <i>Microvascular Research</i> , 2021 , 134, 104123	3.7	10
113	Sweat the small stuff: The human microvasculature and heart disease. <i>Microcirculation</i> , 2021 , 28, e1265	5& .9	1
112	Hypertension preserves the magnitude of microvascular flow-mediated dilation following transient elevation in intraluminal pressure. <i>Physiological Reports</i> , 2021 , 9, e14507	2.6	1
111	Vascular autophagy in health and disease. Basic Research in Cardiology, 2020, 115, 41	11.8	45
110	Impaired Microvascular Endothelial Function in Preeclampsia. FASEB Journal, 2020, 34, 1-1	0.9	1

109	NADPH Oxidase 2 and 4 Contribute to Endothelium-Dependent Dilation in Healthy Human Arterioles. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9		
108	Role of AMPK in Adiponectin-Mediated Restoration of Nitric Oxide-Dependent Flow Induced Dilation in the Human Microvasculature. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9		
107	Utility of discovery approach using proteomics to create a biomarker profile for coronary microvascular dysfunction. <i>Microvascular Research</i> , 2020 , 129, 103985	3.7		
106	Two weeks of remote ischemic conditioning improves brachial artery flow mediated dilation in chronic stroke survivors. <i>Journal of Applied Physiology</i> , 2020 , 129, 1348-1354	3.7	3	
105	Crossing signals: bioactive lipids in the microvasculature. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 318, H1185-H1197	5.2	3	
104	Manipulation of the Sphingolipid Rheostat Influences the Mediator of Flow-Induced Dilation in the Human Microvasculature. <i>Journal of the American Heart Association</i> , 2019 , 8, e013153	6	14	
103	Low-Fat Diet Designed for Weight Loss But Not Weight Maintenance Improves Nitric Oxide-Dependent Arteriolar Vasodilation in Obese Adults. <i>Nutrients</i> , 2019 , 11,	6.7	9	
102	The Relationship Between Blood Flow and Motor Unit Firing Rates in Response to Fatiguing Exercise Post-stroke. <i>Frontiers in Physiology</i> , 2019 , 10, 545	4.6	5	
101	Detrimental effects of chemotherapy on human coronary microvascular function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H705-H710	5.2	12	
100	Can improvement in hormonal and energy balance reverse cardiovascular risk factors in athletes with amenorrhea?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H487-H	14 9 5	0	
99	Effects of age-dependent changes in cell size on endothelial cell proliferation and senescence through YAP1. <i>Aging</i> , 2019 , 11, 7051-7069	5.6	7	
98	Mechanisms of TRPV4 channel activation in human arteriolar endothelial cells: A structure-activity study with arachidonic acid and analogs. <i>FASEB Journal</i> , 2019 , 33, 684.9	0.9		
97	Integrative Effects of Autophagy and Telomerase on Arteriolar Flow-Mediated Dilation in Health and Coronary Artery Disease. <i>FASEB Journal</i> , 2019 , 33, 684.2	0.9		
96	Redox Regulation of the Microcirculation. <i>Comprehensive Physiology</i> , 2019 , 10, 229-259	7.7	2	
95	Cardiac contractility modulation treatment in patients with symptomatic heart failure despite optimal medical therapy and cardiac resynchronization therapy (CRT). <i>International Journal of Cardiology</i> , 2019 , 277, 173-177	3.2	20	
94	Visualization and quantification of mitochondrial structure in the endothelium of intact arteries. <i>Cardiovascular Research</i> , 2019 , 115, 1546-1556	9.9	8	
93	Cardiac contractility modulation improves long-term survival and hospitalizations in heart failure with reduced ejection fraction. <i>European Journal of Heart Failure</i> , 2019 , 21, 1103-1113	12.3	45	
92	Two weeks of ischemic conditioning improves walking speed and reduces neuromuscular fatigability in chronic stroke survivors. <i>Journal of Applied Physiology</i> , 2019 , 126, 755-763	3.7	19	

91	Cardiac contractility modulation: mechanisms of action in heart failure with reduced ejection fraction and beyond. <i>European Journal of Heart Failure</i> , 2019 , 21, 14-22	12.3	42
90	Microvascular Adaptations to Exercise: Protective Effect of PGC-1 Alpha. <i>American Journal of Hypertension</i> , 2018 , 31, 240-246	2.3	8
89	YAP1-TEAD1 signaling controls angiogenesis and mitochondrial biogenesis through PGC1∄ <i>Microvascular Research</i> , 2018 , 119, 73-83	3.7	28
88	Ischemic conditioning increases strength and volitional activation of paretic muscle in chronic stroke: a pilot study. <i>Journal of Applied Physiology</i> , 2018 , 124, 1140-1147	3.7	26
87	Regular Aerobic, Resistance, and Cross-Training Exercise Prevents Reduced Vascular Function Following a High Sugar or High Fat Mixed Meal in Young Healthy Adults. <i>Frontiers in Physiology</i> , 2018 , 9, 183	4.6	9
86	The Yin and Yang of endothelium-derived vasodilator factors. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 314, H892-H894	5.2	2
85	A Randomized Controlled Trial to Evaluate the Safety and Efficacy of Cardiac Contractility Modulation. <i>JACC: Heart Failure</i> , 2018 , 6, 874-883	7.9	91
84	Telomerase reverse transcriptase protects against angiotensin II-induced microvascular endothelial dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 314, H1053-H1060	5.2	23
83	Physiological Consequences of Coronary Arteriolar Dysfunction and Its Influence on Cardiovascular Disease. <i>Physiology</i> , 2018 , 33, 338-347	9.8	7
82	LPA-induced activation of LPA1 receptor leads to the loss of NO-mediated flow-induced dilation in human microvessels. <i>FASEB Journal</i> , 2018 , 32, 713.15	0.9	
81	H2O2 Regulates Arachidonic Acid-induced TRPV4-mediated Vasodilation in Human Coronary Arterioles. <i>FASEB Journal</i> , 2018 , 32, 846.10	0.9	
80	Dysbacteriosis an Inciting Cause of Endothelial Dysfunction mediated through Mitochondrial DNA Interactions. <i>FASEB Journal</i> , 2018 , 32, 582.3	0.9	
79	Shaker-related voltage-gated K channel expression and vasomotor function in human coronary resistance arteries. <i>Microcirculation</i> , 2018 , 25, e12431	2.9	4
78	Lysophosphatidic acid acts on LPA receptor to increase H O during flow-induced dilation in human adipose arterioles. <i>British Journal of Pharmacology</i> , 2018 , 175, 4266-4280	8.6	7
77	5,6-EDHTL, a stable metabolite of arachidonic acid, is a potential EDHF that mediates microvascular dilation. <i>Free Radical Biology and Medicine</i> , 2017 , 103, 87-94	7.8	9
76	Shock associated with endothelial dysfunction in omental microvessels. <i>European Journal of Clinical Investigation</i> , 2017 , 47, 30-37	4.6	2
75	Roles of NADPH oxidase and mitochondria in flow-induced vasodilation of human adipose arterioles: ROS-induced ROS release in coronary artery disease. <i>Microcirculation</i> , 2017 , 24, e12380	2.9	19
74	PGC-1EPeroxisome Proliferator-Activated Receptor Coactivator 1-POverexpression in Coronary Artery Disease Recruits NO and Hydrogen Peroxide During Flow-Mediated Dilation and Protects Against Increased Intraluminal Pressure. Hypertension, 2017, 70, 166-173	8.5	35

(2015-2017)

73	Mitochondria-regulated formation of endothelium-derived extracellular vesicles shifts the mediator of flow-induced vasodilation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 312, H1096-H1104	5.2	15
72	Transition in the mechanism of flow-mediated dilation with aging and development of coronary artery disease. <i>Basic Research in Cardiology</i> , 2017 , 112, 5	11.8	43
71	Cardiac contractility modulation in heart failure patients: Randomized comparison of signal delivery through one vs. two ventricular leads. <i>Journal of Cardiology</i> , 2017 , 69, 326-332	3	12
70	Adapt or Perish: Updating the Predoctoral Training Model. <i>Circulation Research</i> , 2017 , 120, 1081-1083	15.7	
69	Clinical effects of long-term cardiac contractility modulation (CCM) in subjects with heart failure caused by left ventricular systolic dysfunction. <i>Clinical Research in Cardiology</i> , 2017 , 106, 893-904	6.1	22
68	Contribution of K1.5 Channel to Hydrogen Peroxide-Induced Human Arteriolar Dilation and Its Modulation by Coronary Artery Disease. <i>Circulation Research</i> , 2017 , 120, 658-669	15.7	34
67	Mechanisms of Vascular Dysfunction in COPD and Effects of a Novel Soluble Epoxide Hydrolase Inhibitor in Smokers. <i>Chest</i> , 2017 , 151, 555-563	5.3	37
66	Role of PGC-1 11 Nascular Regulation: Implications for Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology,</i> 2016 , 36, 1467-74	9.4	44
65	Improvement of long-term survival by cardiac contractility modulation in heart failure patients: A case-control study. <i>International Journal of Cardiology</i> , 2016 , 206, 122-6	3.2	30
64	Mitochondrial signaling in the vascular endothelium: beyond reactive oxygen species. <i>Basic Research in Cardiology</i> , 2016 , 111, 26	11.8	30
63	Endothelium-Derived Hyperpolarization and Coronary Vasodilation: Diverse and Integrated Roles of Epoxyeicosatrienoic Acids, Hydrogen Peroxide, and Gap Junctions. <i>Microcirculation</i> , 2016 , 23, 15-32	2.9	41
62	Cardiac contractility modulation signals improve exercise intolerance and maladaptive regulation of cardiac key proteins for systolic and diastolic function in HFpEF. <i>International Journal of Cardiology</i> , 2016 , 203, 1061-6	3.2	31
61	Critical Role for Telomerase in the Mechanism of Flow-Mediated Dilation in the Human Microcirculation. <i>Circulation Research</i> , 2016 , 118, 856-66	15.7	62
60	The Human Microcirculation: Regulation of Flow and Beyond. Circulation Research, 2016, 118, 157-72	15.7	156
59	Cardiac contractility modulation: a novel approach for the treatment of heart failure. <i>Heart Failure Reviews</i> , 2016 , 21, 645-660	5	49
58	Vascular Actions of Angiotensin 1-7 in the Human Microcirculation: Novel Role for Telomerase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1254-62	9.4	39
57	Heart Failure: a Major Cardiovascular Complication of Diabetes Mellitus. <i>Current Diabetes Reports</i> , 2016 , 16, 116	5.6	33
56	Acute exertion elicits a H2O2-dependent vasodilator mechanism in the microvasculature of exercise-trained but not sedentary adults. <i>Hypertension</i> , 2015 , 65, 140-5	8.5	44

55	Impaired Hyperemic Response to Exercise Post Stroke. <i>PLoS ONE</i> , 2015 , 10, e0144023	3.7	7
54	Vasodilator and Vasoprotective Actions of Angiotensin 1-7 in the Human Microcirculation Role of Telomerase. <i>FASEB Journal</i> , 2015 , 29, 789.3	0.9	1
53	The vascular renin-angiotensin system contributes to blunted vasodilation induced by transient high pressure in human adipose microvessels. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H25-32	5.2	17
52	An acute rise in intraluminal pressure shifts the mediator of flow-mediated dilation from nitric oxide to hydrogen peroxide in human arterioles. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H1587-93	5.2	49
51	Ceramide changes the mediator of flow-induced vasodilation from nitric oxide to hydrogen peroxide in the human microcirculation. <i>Circulation Research</i> , 2014 , 115, 525-32	15.7	74
50	Inhibition of the vascular renin-angiotensin system preserves nitric oxide-mediated vasodilation in human adipose arterioles after transient high pressure stress (676.9). FASEB Journal, 2014, 28, 676.9	0.9	
49	A practical algorithmic approach to the diagnosis and management of solitary pulmonary nodules: part 1: radiologic characteristics and imaging modalities. <i>Chest</i> , 2013 , 143, 825-839	5.3	96
48	A practical algorithmic approach to the diagnosis and management of solitary pulmonary nodules: part 2: pretest probability and algorithm. <i>Chest</i> , 2013 , 143, 840-846	5.3	67
47	Diversity in mechanisms of endothelium-dependent vasodilation in health and disease. <i>Microcirculation</i> , 2013 , 20, 239-47	2.9	112
46	Developing a new, national approach to surveillance for ventilator-associated events: executive summary. <i>Chest</i> , 2013 , 144, 1448-1452	5.3	14
45	Role of hydrogen peroxide and epoxyeicosatrienoic acids in arachidonic acid-induced dilation of human coronary arterioles. <i>FASEB Journal</i> , 2013 , 27, 687.12	0.9	
44	Plasticity in the Microvasculature of Conditioned Weight Lifters After Acute High Pressure Stress. <i>FASEB Journal</i> , 2013 , 27, 1136.1	0.9	
43	Inhibition of Neutral Sphingomyelinase Prevents High Pressure-Induced Shift in the Mediator of Endothelium-Dependent Dilation from NO to H2O2. <i>FASEB Journal</i> , 2013 , 27, 901.1	0.9	
42	H2O2-induced dilation in human coronary arterioles: role of protein kinase G dimerization and large-conductance Ca2+-activated K+ channel activation. <i>Circulation Research</i> , 2012 , 110, 471-80	15.7	132
41	Regulation of the human coronary microcirculation. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 52, 814-21	5.8	44
40	Executive summary: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. <i>Chest</i> , 2012 , 141, 7S-47S	5.3	1225
39	Introduction to the ninth edition: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. <i>Chest</i> , 2012 , 141, 485	5-52S	109
38	Methodology for the development of antithrombotic therapy and prevention of thrombosis guidelines: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. <i>Chest</i> , 2012 , 141, 53S-70S	5.3	177

(2008-2012)

Activation of endothelial TRPV4 channels mediates flow-induced dilation in human coronary arterioles: role of Ca2+ entry and mitochondrial ROS signaling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 302, H634-42	5.2	102
Primary and secondary prevention of cardiovascular disease: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. <i>Chest</i> , 2012 , 141, e637S-e668S	5.3	371
Decreased Telomerase Activity Converts the Mechanism of FMD from NO to H2O2 in Human and Mouse Arterioles. <i>FASEB Journal</i> , 2012 , 26, 676.1	0.9	
The Vascular Renin Angiotensin System Contributes to Endothelial Dysfunction Induced by Acute High Pressure in Human Adipose Microvessels. <i>FASEB Journal</i> , 2012 , 26, 676.8	0.9	
NADPH oxidase-dependent reactive oxygen species are involved in flow-induced dilation of human adipose arterioles. <i>FASEB Journal</i> , 2012 , 26, 863.3	0.9	
Influence of obesity on insulin-mediated dilation in the human microcirculation. <i>FASEB Journal</i> , 2012 , 26, 866.2	0.9	
Folic acid supplementation improves vascular function in professional dancers with endothelial dysfunction. <i>PM and R</i> , 2011 , 3, 1005-12	2.2	11
Association between the female athlete triad and endothelial dysfunction in dancers. <i>Clinical Journal of Sport Medicine</i> , 2011 , 21, 119-25	3.2	64
Resistance and aerobic exercise protects against acute endothelial impairment induced by a single exposure to hypertension during exertion. <i>Journal of Applied Physiology</i> , 2011 , 110, 1013-20	3.7	65
TRPV4-mediated endothelial Ca2+ influx and vasodilation in response to shear stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H466-76	5.2	230
Effect of Nitric Oxide Synthase and growth conditions on hydrogen peroxide production in cultured endothelial cells during shear stress. <i>FASEB Journal</i> , 2010 , 24, 602.6	0.9	
Bradykinin-induced dilation of human coronary arterioles requires NADPH oxidase-derived reactive oxygen species. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 739-45	9.4	63
Vascular control in humans: focus on the coronary microcirculation. <i>Basic Research in Cardiology</i> , 2009 , 104, 211-27	11.8	70
Silent myocardial ischemia. Circulation Journal, 2009, 73, 785-97	2.9	51
Role of mitochondria in flow-induced dilation of human adipose arterioles from subjects with and without coronary artery disease. <i>FASEB Journal</i> , 2009 , 23, 1006.3	0.9	
Hydrogen peroxide inhibits cytochrome p450 epoxygenases: interaction between two endothelium-derived hyperpolarizing factors. <i>Circulation Research</i> , 2008 , 102, 59-67	15.7	88
Antithrombotic therapy for non-ST-segment elevation acute coronary syndromes: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines (8th Edition). <i>Chest</i> , 2008 , 133, 670S-707S	5.3	123
Endothelial cytoskeletal elements are critical for flow-mediated dilation in human coronary arterioles. Medical and Biological Engineering and Computing, 2008, 46, 469-78	3.1	47
	Arterioles: role of Ca2+ entry and mitochondrial ROS signaling. American Journal of Physiology-Heart and Circulatory Physiology, 2012, 302, H634-42 Primary and secondary prevention of cardiovascular disease: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed. American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. Chest, 2012, 141, e6375-e6685 Decreased Telomerase Activity Converts the Mechanism of FMD from NO to H2O2 in Human and Mouse Arterioles. FASEB Journal, 2012, 26, 676.1 The Vascular Renin Angiotensin System Contributes to Endothelial Dysfunction Induced by Acute High Pressure in Human Adipose Microvessels. FASEB Journal, 2012, 26, 676.8 NADPH oxidase-dependent reactive oxygen species are involved in Flow-induced dilation of human adipose arterioles. FASEB Journal, 2012, 26, 863.3 Influence of obesity on insulin-mediated dilation in the human microcirculation. FASEB Journal, 2012, 26, 866.2 Folic acid supplementation improves vascular function in professional dancers with endothelial dysfunction. PM and R, 2011, 3, 1005-12 Association between the female athlete triad and endothelial dysfunction in dancers. Clinical Journal of Sport Medicine, 2011, 21, 119-25 Resistance and aerobic exercise protects against acute endothelial impairment induced by a single exposure to hypertension during exertion. Journal of Applied Physiology, 2011, 110, 1013-20 TRPV4-mediated endothelial Ca2+ influx and vasodilation in response to shear stress. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H466-76 Effect of Nitric Oxide Synthase and growth conditions on hydrogen peroxide production in cultured endothelial cells during shear stress. FASEB Journal, 2010, 24, 602.6 Bradykinin-induced dilation of human coronary arterioles requires NADPH oxidase-derived reactive oxygen species. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 739-45 Vascular control in humans: focus on the coronary microcirculation. Basic Research in Cardiology, 2009,	arterioles: role of Ca2+ entry and mitochondrial ROS signaling. American Journal of Physiology-Heart and Circulatory Physiology, 2012, 302, H634-42 Primary and secondary prevention of cardiovascular disease: Antithrombotic Therapy and Prevention of Thrombosis, 9th ed. American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. Chest, 2012, 114, e373-Fe6835 Decreased Telomerase Activity Converts the Mechanism of FMD from NO to H2O2 in Human and Mouse Arterioles. FASEB Journal, 2012, 26, 676.1 The Vascular Renin Angiotensin System Contributes to Endothelial Dysfunction Induced by Acute High Pressure in Human Adipose Microvessels. FASEB Journal, 2012, 26, 676.8 NADPH oxidase-dependent reactive oxygen species are involved in flow-induced dilation of human adipose arterioles. FASEB Journal, 2012, 26, 863.3 Influence of obesity on insulin-mediated dilation in the human microcirculation. FASEB Journal, 2012, 26, 866.2 Folic acid supplementation improves vascular function in professional dancers with endothelial dysfunction. PM and R, 2011, 3, 1005-12 Association between the female athlete triad and endothelial dysfunction in dancers. Clinical Journal of Sport Medicine, 2011, 21, 119-25 Resistance and aerobic exercise protects against acute endothelial impairment induced by a single exposure to hypertension during exertion. Journal of Applied Physiology, 2011, 110, 1013-20 TRPV4-mediated endothelial Ca2+ influx and vasodilation in response to shear stress. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H466-76 Effect of Nitric Oxide Synthase and growth conditions on hydrogen peroxide production in cultured endothelial cells during shear stress. FASEB Journal, 2010, 24, 602.6 Bradykinin-induced dilation of human coronary arterioles requires NADPH oxidase-derived reactive oxygen species. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 739-45 Vascular control in humans: focus on the coronary microcirculation. Basic Research in Cardiology, 209,

19	Catalase inhibition effect on exogenous hydrogen peroxide induced vasoconstriction in diseased human arterioles. <i>FASEB Journal</i> , 2008 , 22, 1148.15	0.9	
18	Role of TRPV4 channels in agonist-induced endothelial Ca2+ entry and vasodilation: Evidence from TRPV4-deficient mice. <i>FASEB Journal</i> , 2008 , 22, 1181.4	0.9	
17	Exercise Protects Against Endothelial Dysfunction During Oral Glucose and High Fat Load. <i>FASEB Journal</i> , 2008 , 22, 1235.14	0.9	
16	TRPV4 channel mediates flow-induced dilation in mouse small mesenteric arteries. <i>FASEB Journal</i> , 2008 , 22, 964.9	0.9	
15	The mechanism of flow-induced dilation in human adipose arterioles involves hydrogen peroxide during CAD. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H93-100	5.2	90
14	Beyond vasodilatation: non-vasomotor roles of epoxyeicosatrienoic acids in the cardiovascular system. <i>Trends in Pharmacological Sciences</i> , 2007 , 28, 32-8	13.2	69
13	Resistance and aerobic exercise protects against endothelial dysfunction induced by acute exertion. <i>FASEB Journal</i> , 2007 , 21, A935	0.9	
12	Epoxyeicosatrienoic and dihydroxyeicosatrienoic acids dilate human coronary arterioles via BK(Ca) channels: implications for soluble epoxide hydrolase inhibition. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 290, H491-9	5.2	147
11	Ebselen Reduces Kv1 Channel Nitration and Restores Kv1 Channel Function in Diabetic Rat Coronary Arteries. <i>FASEB Journal</i> , 2006 , 20, A284	0.9	
10	The complex role of hydrogen peroxide (H2O2) in acetylcholine-induced dilation of human mucosal intestinal microvessels. <i>FASEB Journal</i> , 2006 , 20, A282	0.9	
9	Redox modulation of vascular tone: focus of potassium channel mechanisms of dilation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 671-8	9.4	115
8	Is there an association between athletic amenorrhea and endothelial cell dysfunction?. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 377-83	1.2	66
7	Mitochondrial sources of H2O2 generation play a key role in flow-mediated dilation in human coronary resistance arteries. <i>Circulation Research</i> , 2003 , 93, 573-80	15.7	273
6	Role for hydrogen peroxide in flow-induced dilation of human coronary arterioles. <i>Circulation Research</i> , 2003 , 92, e31-40	15.7	332
5	Diabetes mellitus impairs vasodilation to hypoxia in human coronary arterioles: reduced activity of ATP-sensitive potassium channels. <i>Circulation Research</i> , 2003 , 92, 151-8	15.7	143
4	Vascular Dysfunction in Hyperglycemia. <i>Circulation Research</i> , 2002 , 90, 5-7	15.7	59
3	Flow-induced dilation of human coronary arterioles: important role of Ca(2+)-activated K(+) channels. <i>Circulation</i> , 2001 , 103, 1992-8	16.7	207
2	Impaired dilation of coronary arterioles during increases in myocardial O(2) consumption with hyperglycemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000 , 279, E868-74	6	23

Human coronary arteriolar dilation to bradykinin depends on membrane hyperpolarization: contribution of nitric oxide and Ca2+-activated K+ channels. *Circulation*, **1999**, 99, 3132-8

16.7 168