Vincent Richard

List of Publications by Citations

140 papers	6,163 citations	42 h-index	75 g-index
148 ext. papers	6,738 ext. citations	6.8 avg, IF	4.99 L-index

#	Paper	IF	Citations
140	Nitric oxide is responsible for flow-dependent dilatation of human peripheral conduit arteries in vivo. *Circulation*, **1995**, 91, 1314-9	16.7	1112
139	Long-term heart rate reduction induced by the selective I(f) current inhibitor ivabradine improves left ventricular function and intrinsic myocardial structure in congestive heart failure. *Circulation*, **2004**, 109, 1674-9	16.7	248
138	Role of endogenous endothelin in chronic heart failure: effect of long-term treatment with an endothelin antagonist on survival, hemodynamics, and cardiac remodeling. *Circulation*, **1997**, 96, 1976-82	16.7	230
137	Myocardial contractile dysfunction is associated with impaired mitochondrial function and dynamics in type 2 diabetic but not in obese patients. *Circulation*, **2014**, 130, 554-64	16.7	182
136	Selective Stimulation of Cardiac Lymphangiogenesis Reduces Myocardial Edema and Fibrosis Leading to Improved Cardiac Function Following Myocardial Infarction. *Circulation*, **2016**, 133, 1484-97; discussion 1497	16.7	174
135	Endothelial control of vascular tone in large and small coronary arteries. *Journal of the American College of Cardiology*, **1990**, 15, 519-27	15.1	161
134	Toll-like receptors 2-deficient mice are protected against postischemic coronary endothelial dysfunction. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 1064-71	9.4	159
133	Improvement of endothelial function by chronic angiotensin-converting enzyme inhibition in heart failure : role of nitric oxide, prostanoids, oxidant stress, and bradykinin. *Circulation*, **2000**, 102, 351-6	16.7	132
132	Sonic hedgehog carried by microparticles corrects endothelial injury through nitric oxide release. *FASEB Journal*, **2007**, 21, 2735-41	0.9	130
131	Tissue Doppler imaging differentiates physiological from pathological pressure-overload left ventricular hypertrophy in rats. *Circulation*, **2002**, 105, 1602-8	16.7	127
130	Exercise improves flow-mediated vasodilatation of skeletal muscle arteries in rats with chronic heart failure. Role of nitric oxide, prostanoids, and oxidant stress. *Circulation*, **1999**, 99, 2951-7	16.7	120
129	In vivo evidence of an endothelin-induced vasopressor tone after inhibition of nitric oxide synthesis in rats. *Circulation*, **1995**, 91, 771-5	16.7	117
128	Endothelial protective effects of preconditioning. *Cardiovascular Research*, **2002**, 55, 466-73	9.9	103
127	Arterial stiffness is regulated by nitric oxide and endothelium-derived hyperpolarizing factor during changes in blood flow in humans. *Hypertension*, **2010**, 55, 674-80	8.5	98
126	Aldosterone synthase inhibition improves cardiovascular function and structure in rats with heart failure: a comparison with spironolactone. *European Heart Journal*, **2008**, 29, 2171-9	9.5	97
125	Tissue Doppler imaging detects early asymptomatic myocardial abnormalities in a dog model of Duchenne's cardiomyopathy. *European Heart Journal*, **2004**, 25, 1934-9	9.5	85
124	Arteriogenic therapy by intramyocardial sustained delivery of a novel growth factor combination prevents chronic heart failure. *Circulation*, **2011**, 124, 1059-69	16.7	74

123	Protective effects of preconditioning in cultured rat endothelial cells: effects on neutrophil adhesion and expression of ICAM-1 after anoxia and reoxygenation. *Circulation*, **1999**, 100, 541-6	16.7	72
122	Intestinal preconditioning prevents systemic inflammatory response in hemorrhagic shock. Role of HO-1. *American Journal of Physiology - Renal Physiology*, **2002**, 283, G408-14	5.1	69
121	Induction of heme-oxygenase-1 prevents the systemic responses to hemorrhagic shock. *American Journal of Respiratory and Critical Care Medicine*, **2001**, 164, 1933-8	10.2	68
120	Increased survival after long-term treatment with mibefradil, a selective T-channel calcium antagonist, in heart failure. *Journal of the American College of Cardiology*, **1997**, 29, 416-21	15.1	65
119	Improvement of peripheral endothelial dysfunction by protein tyrosine phosphatase inhibitors in heart failure. *Circulation*, **2006**, 114, 2498-507	16.7	64
118	Healing of myocardial infarcts in dogs. Effects of late reperfusion. *Circulation*, **1995**, 92, 1891-901	16.7	64
117	Delayed coronary endothelial protection 24 hours after preconditioning: role of free radicals. *Circulation*, **1997**, 96, 2311-6	16.7	64
116	Aldosterone-induced coronary dysfunction in transgenic mice involves the calcium-activated potassium (BKCa) channels of vascular smooth muscle cells. *Circulation*, **2007**, 116, 2435-43	16.7	58
115	Endothelial estrogen receptor {alpha} plays an essential role in the coronary and myocardial protective effects of estradiol in ischemia/reperfusion. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 2562-7	9.4	57
114	Role of basal and stimulated release of nitric oxide in the regulation of radial artery caliber in humans. *Hypertension*, **1995**, 26, 327-31	8.5	56
113	Role of nitric oxide in the regulation of the mechanical properties of peripheral conduit arteries in humans. *Hypertension*, **1997**, 30, 1465-70	8.5	53
112	Myocardial and coronary endothelial protective effects of acetylcholine after myocardial ischaemia and reperfusion in rats: role of nitric oxide. *British Journal of Pharmacology*, **1995**, 115, 1532-8	8.6	51
111	Vascular Smooth Muscle Mineralocorticoid Receptor Contributes to Coronary and Left Ventricular Dysfunction After Myocardial Infarction. *Hypertension*, **2016**, 67, 717-23	8.5	49
110	Selective endothelin-A versus combined endothelin-A/endothelin-B receptor blockade in rat chronic heart failure. *Circulation*, **2000**, 102, 491-3	16.7	49
109	Role of endogenous endothelin in myocardial and coronary endothelial injury after ischaemia and reperfusion in rats: studies with bosentan, a mixed ETA-ETB antagonist. *British Journal of Pharmacology*, **1994**, 113, 869-76	8.6	48
108	Reduced synthesis of inflammatory cytokines by a free radical scavenger after hemorrhagic shock in rats. *Critical Care Medicine*, **2000**, 28, 2522-7	1.4	47
107	Modulation of cytochrome-derived epoxyeicosatrienoic acids pathway: a promising pharmacological approach to prevent endothelial dysfunction in cardiovascular diseases?. *Pharmacology & Therapeutics*, **2011**, 131, 1-17	13.9	45
106	NADPH oxidase inhibition prevents cocaine-induced up-regulation of xanthine oxidoreductase and cardiac dysfunction. *Journal of Molecular and Cellular Cardiology*, **2007**, 42, 326-32	5.8	45

105	Changes in mesenteric vascular reactivity and inflammatory response after cardiopulmonary bypass in a rat model. *Annals of Thoracic Surgery*, **2004**, 77, 2130-7; author reply 2137	2.7	45
104	Enhanced angiogenesis and increased cardiac perfusion after myocardial infarction in protein tyrosine phosphatase 1B-deficient mice. *FASEB Journal*, **2014**, 28, 3351-61	0.9	44
103	Coronary endothelial dysfunction after cardiomyocyte-specific mineralocorticoid receptor overexpression. *American Journal of Physiology - Heart and Circulatory Physiology*, **2011**, 300, H2035-43	5.2	43
102	Early atheroma in primary and secondary antiphospholipid syndrome: an intrinsic finding. *Seminars in Arthritis and Rheumatism*, **2008**, 37, 373-80	5.3	43
101	Hydroxychloroquine reverses the prothrombotic state in a mouse model of antiphospholipid syndrome: Role of reduced inflammation and endothelial dysfunction. *PLoS ONE*, **2019**, 14, e0212614	3.7	42
100	Reduction of heart failure by pharmacological inhibition or gene deletion of protein tyrosine phosphatase 1B. *Journal of Molecular and Cellular Cardiology*, **2012**, 52, 1257-64	5.8	42
99	Proteomic analysis of left ventricular remodeling in an experimental model of heart failure. *Journal of Proteome Research*, **2008**, 7, 5004-16	5.6	42
98	Interaction Between Endothelium-Derived Nitric Oxide and SIN-1 in Human and Porcine Blood Vessels. *Journal of Cardiovascular Pharmacology*, **1989**, 14, S76-80	3.1	42
97	NO produced by endothelial NO synthase is a mediator of delayed preconditioning-induced endothelial protection. *American Journal of Physiology - Heart and Circulatory Physiology*, **2003**, 284, H2053-60	5.2	41
96	Early versus delayed angiotensin-converting enzyme inhibition in experimental chronic heart failure. Effects on survival, hemodynamics, and cardiovascular remodeling. *Circulation*, **1997**, 95, 1314-9	16.7	40
95	Long-term survival and hemodynamics after endothelin-a receptor antagonism and angiotensin-converting enzyme inhibition in rats with chronic heart failure: monotherapy versus combination therapy. *Circulation*, **2002**, 106, 1159-64	16.7	39
94	Protective effects of heme-oxygenase expression against endotoxic shock: inhibition of tumor necrosis factor-alpha and augmentation of interleukin-10. *Journal of Trauma*, **2006**, 61, 1078-84		38
93	Role of reactive oxygen species in cocaine-induced cardiac dysfunction. *Cardiovascular Research*, **2003**, 59, 834-43	9.9	38
92	Soluble epoxide hydrolase inhibition improves coronary endothelial function and prevents the development of cardiac alterations in obese insulin-resistant mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 308, H1020-9	5.2	37
91	Role of Toll-like receptors 2 and 4 in mediating endothelial dysfunction and arterial remodeling in primary arterial antiphospholipid syndrome. *Arthritis and Rheumatology*, **2014**, 66, 3210-20	9.5	36
90	Heart rate reduction induced by the if current inhibitor ivabradine improves diastolic function and attenuates cardiac tissue hypoxia. *Journal of Cardiovascular Pharmacology*, **2012**, 59, 260-7	3.1	35
89	Polycystin deficiency induces dopamine-reversible alterations in flow-mediated dilatation and vascular nitric oxide release in humans. *Kidney International*, **2015**, 87, 465-72	9.9	34
88	Intestinal preconditioning prevents inflammatory response by modulating heme oxygenase-1 expression in endotoxic shock model. *American Journal of Physiology - Renal Physiology*, **2007**, 293, G1308-14	5.1	33

87	The IL-1Antibody Gevokizumab Limits Cardiac Remodeling and Coronary Dysfunction in Rats With Heart Failure. *JACC Basic To Translational Science*, **2017**, 2, 418-430	8.7	31
86	Role of protein tyrosine phosphatase 1B in cardiovascular diseases. *Journal of Molecular and Cellular Cardiology*, **2016**, 101, 50-57	5.8	31
85	Induction of haem oxygenase contributes to the synthesis of pro-inflammatory cytokines in re-oxygenated rat macrophages: role of cGMP. *Cytokine*, **1999**, 11, 326-33	4	31
84	Comparison of the effects of EXP3174, an angiotensin II antagonist and enalaprilat on myocardial infarct size in anaesthetized dogs. *British Journal of Pharmacology*, **1993**, 110, 969-74	8.6	31
83	Role of M2-like macrophage recruitment during angiogenic growth factor therapy. *Angiogenesis*, **2015**, 18, 191-200	10.6	30
82	Insights into atherosclerosis therapy in antiphospholipid syndrome. *Autoimmunity Reviews*, **2007**, 7, 46-51	3.6	30
81	Hypothermic Total Liquid Ventilation Is Highly Protective Through Cerebral Hemodynamic Preservation and Sepsis-Like Mitigation After Asphyxial Cardiac Arrest. *Critical Care Medicine*, **2015**, 43, e420-30	1.4	28
80	Interplay between troponin T phosphorylation and O-N-acetylglucosaminylation in ischaemic heart failure. *Cardiovascular Research*, **2015**, 107, 56-65	9.9	27
79	Gastric mucosal acidosis and cytokine release in patients with septic shock. *Critical Care Medicine*, **2003**, 31, 2137-43	1.4	27
78	Evaluation of the determinants of flow-mediated radial artery vasodilatation in humans. *Clinical and Experimental Hypertension*, **1997**, 19, 813-26	2.2	26
77	Fixed-dose combination of perindopril with indapamide in spontaneously hypertensive rats: haemodynamic, biological and structural effects. *Journal of Hypertension*, **1996**, 14, 1447-54	1.9	26
76	Gene deletion of protein tyrosine phosphatase 1B protects against sepsis-induced cardiovascular dysfunction and mortality. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 1032-44	9.4	25
75	Prevention of endothelial dysfunction in small and large arteries in a model of chronic heart failure. Effect of angiotensin converting enzyme inhibition. *American Journal of Hypertension*, **1995**, 8, 7S-12S	2.3	25
74	Lymphatic and Immune Cell Cross-Talk Regulates Cardiac Recovery After Experimental Myocardial Infarction. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 1722-1737	9.4	23
73	MicroRNAs regulating superoxide dismutase 2 are new circulating biomarkers of heart failure. *Scientific Reports*, **2017**, 7, 14747	4.9	23
72	Decreased serine207 phosphorylation of troponin T as a biomarker for left ventricular remodelling after myocardial infarction. *European Heart Journal*, **2011**, 32, 115-23	9.5	23
71	Impact of soluble epoxide hydrolase inhibition on early kidney damage in hyperglycemic overweight mice. *Prostaglandins and Other Lipid Mediators*, **2015**, 120, 148-54	3.7	22
70	Toll-like receptors 4 contribute to endothelial injury and inflammation in hemorrhagic shock in mice. *Critical Care Medicine*, **2009**, 37, 1724-8	1.4	21

69	Role of alpha1-adrenoreceptors in cocaine-induced NADPH oxidase expression and cardiac dysfunction. *Cardiovascular Research*, **2005**, 67, 699-704	9.9	20
68	Evolving Myocardial Infarction in the Rat In Vivo. *Journal of Cardiovascular Pharmacology*, **1988**, 11, 701-710	3.1	19
67	Short- and long-term administration of the non-steroidal mineralocorticoid receptor antagonist finerenone opposes metabolic syndrome-related cardio-renal dysfunction. *Diabetes, Obesity and Metabolism*, **2018**, 20, 2399-2407	6.7	18
66	Improvement of left ventricular diastolic function induced by β-blockade: a comparison between nebivolol and metoprolol. *Journal of Molecular and Cellular Cardiology*, **2011**, 51, 168-76	5.8	18
65	Role of endogenous endothelin in endothelial dysfunction in murine model of systemic sclerosis: tight skin mice 1. *Fundamental and Clinical Pharmacology*, **2008**, 22, 649-55	3.1	18
64	Current knowledge on the role of P2Y receptors in cardioprotection against ischemia-reperfusion. *Pharmacological Research*, **2017**, 118, 5-18	10.2	17
63	Soluble epoxide hydrolase inhibition prevents coronary endothelial dysfunction in mice with renovascular hypertension. *Journal of Hypertension*, **2011**, 29, 1128-35	1.9	17
62	Hemorrhagic shock resuscitation affects early and selective mesenteric artery endothelial function through a free radical-dependent mechanism. *Shock*, **2005**, 23, 411-6	3.4	17
61	Altered bioavailability of epoxyeicosatrienoic acids is associated with conduit artery endothelial dysfunction in type 2 diabetic patients. *Cardiovascular Diabetology*, **2019**, 18, 35	8.7	16
60	Pulmonary apoptosis after supraceliac aorta clamping in a rat model. *Journal of Surgical Research*, **2005**, 129, 190-5	2.5	16
59	Selective Vascular Endothelial Protection Reduces Cardiac Dysfunction in Chronic Heart Failure. *Circulation: Heart Failure*, **2016**, 9, e002895	7.6	16
58	Infliximab improves endothelial dysfunction in a mouse model of antiphospholipid syndrome: Role of reduced oxidative stress. *Vascular Pharmacology*, **2015**, 71, 93-101	5.9	14
57	5/6 nephrectomy induces different renal, cardiac and vascular consequences in 129/Sv and C57BL/6JRj mice. *Scientific Reports*, **2020**, 10, 1524	4.9	14
56	Protective effect of mycophenolate mofetil on endothelial function in an aortic allograft model. *Transplantation*, **2011**, 91, 35-41	1.8	14
55	Peroxynitrite triggers a delayed resistance of coronary endothelial cells against ischemia-reperfusion injury. *American Journal of Physiology - Heart and Circulatory Physiology*, **2002**, 283, H1418-23	5.2	14
54	Infarct size-limiting properties of Ro 40-5967, a novel nondihydropyridine calcium channel, in anesthetized rats: comparison with verapamil. *Journal of Cardiovascular Pharmacology*, **1995**, 25, 552-7	3.1	14
53	An integrated functional and transcriptomic analysis reveals that repeated exposure to diesel exhaust induces sustained mitochondrial and cardiac dysfunctions. *Environmental Pollution*, **2019**, 246, 518-526	9.3	14
52	Protein tyrosine phosphatase 1B regulates endothelial endoplasmic reticulum stress; role in endothelial dysfunction. *Vascular Pharmacology*, **2018**, 109, 36-44	5.9	13

51	Prolonged cardiac dysfunction after withdrawal of chronic cocaine exposure in rats. *Journal of Cardiovascular Pharmacology*, **2003**, 42, 642-7	3.1	13
50	Short-and long-term administration of imeglimin counters cardiorenal dysfunction in a rat model of metabolic syndrome. *Endocrinology, Diabetes and Metabolism*, **2020**, 3, e00128	2.7	13
49	Expression and Implication of Clusterin in Left Ventricular Remodeling After Myocardial Infarction. *Circulation: Heart Failure*, **2018**, 11, e004838	7.6	12
48	Evidence against a role of inducible nitric oxide synthase in the endothelial protective effects of delayed preconditioning. *British Journal of Pharmacology*, **2000**, 130, 1547-52	8.6	12
47	Delayed endothelial protective effects of monophosphoryl lipid A after myocardial ischemia and reperfusion in rats. *Journal of Molecular and Cellular Cardiology*, **1999**, 31, 1117-23	5.8	12
46	Systemic and coronary effects of the angiotensin II receptor antagonist EXP3174 in dogs. *Journal of Cardiovascular Pharmacology*, **1993**, 22, 52-7	3.1	12
45	Selenium diet-supplementation improves cocaine-induced myocardial oxidative stress and prevents cardiac dysfunction in rats. *Fundamental and Clinical Pharmacology*, **2004**, 18, 431-6	3.1	11
44	Increased level of phosphorylated desmin and its degradation products in heart failure. *Biochemistry and Biophysics Reports*, **2016**, 6, 54-62	2.2	10
43	Myocardial dysfunction in early state of endotoxemia role of heme-oxygenase-1. *Journal of Surgical Research*, **2010**, 158, 94-103	2.5	10
42	Physiological role of endothelin-1 in flow-mediated vasodilatation in humans and impact of cardiovascular risk factors. *Journal of Hypertension*, **2017**, 35, 1204-1212	1.9	9
41	MR relaxometry and perfusion of the myocardium in spontaneously hypertensive rat: correlation with histopathology and effect of anti-hypertensive therapy. *European Radiology*, **2013**, 23, 1871-81	8	9
40	Angiotensin II receptor blockade unmasks a depressor response to endothelin antagonists in rats. *Fundamental and Clinical Pharmacology*, **2000**, 14, 101-6	3.1	9
39	Development of a thrombin generation test in cultured endothelial cells: Evaluation of the prothrombotic effects of antiphospholipid antibodies. *Thrombosis Research*, **2018**, 169, 87-92	8.2	8
38	Selective Heart Rate Reduction Improves Metabolic Syndrome-related Left Ventricular Diastolic Dysfunction. *Journal of Cardiovascular Pharmacology*, **2015**, 66, 399-408	3.1	8
37	Albumin limits mesenteric endothelial dysfunction and inflammatory response in cardiopulmonary bypass. *Artificial Organs*, **2012**, 36, 962-71	2.6	8
36	Circulating plasma serine208-phosphorylated troponin T levels are indicator of cardiac dysfunction. *Journal of Cellular and Molecular Medicine*, **2013**, 17, 1335-44	5.6	8
35	Brain death provokes very acute alteration in myocardial morphology detected by echocardiography: preventive effect of beta-blockers. *Transplant International*, **2011**, 24, 300-6	3	8
34	Heat stress increases endothelium-dependent relaxations and prevents reperfusion-induced endothelial dysfunction. *Clinical and Experimental Pharmacology and Physiology*, **2002**, 29, 956-62	3	8

33	Endothelium-derived vasoactive factors and their role in the coronary circulation. *Trends in Cardiovascular Medicine*, **1991**, 1, 179-85	6.9	8
32	Beneficial Effects of Remifentanil Against Excitotoxic Brain Damage in Newborn Mice. *Frontiers in Neurology*, **2019**, 10, 407	4.1	7
31	Protein tyrosine phosphatase 1B inactivation limits aging-associated heart failure in mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 314, H1279-H1288	5.2	7
30	Omega-3 polyunsaturated fatty acids delay the progression of endotoxic shock-induced myocardial dysfunction. *Inflammation*, **2013**, 36, 932-40	5.1	7
29	Alpha2-adrenoceptor ligands inhibit alpha1-adrenoceptor-mediated contraction of isolated rat arteries. *Fundamental and Clinical Pharmacology*, **2002**, 16, 281-7	3.1	7
28	Nitrogen Dioxide Inhalation Exposures Induce Cardiac Mitochondrial Reactive Oxygen Species Production, Impair Mitochondrial Function and Promote Coronary Endothelial Dysfunction. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	7
27	Mineralocorticoid receptor blockade with finerenone improves heart function and exercise capacity in ovariectomized mice. *ESC Heart Failure*, **2021**, 8, 1933-1943	3.7	7
26	Interplay Between Phosphorylation and O-GlcNAcylation of Sarcomeric Proteins in Ischemic Heart Failure. *Frontiers in Endocrinology*, **2018**, 9, 598	5.7	7
25	Reduced Insulin Resistance Contributes to the Beneficial Effect of Protein Tyrosine Phosphatase-1B Deletion in a Mouse Model of Sepsis. *Shock*, **2017**, 48, 355-363	3.4	6
24	Integrative System Biology Analyses Identify Seven MicroRNAs to Predict Heart Failure. *Non-coding RNA*, **2019**, 5,	7.1	6
23	Hypertonic sodium lactate improves microcirculation, cardiac function, and inflammation in a rat model of sepsis. *Critical Care*, **2020**, 24, 354	10.8	6
22	Endothelins. A potential target for pharmacological intervention in diseases of the elderly. *Drugs and Aging*, **1994**, 4, 221-37	4.7	6
21	Lebetin 2, a Snake Venom-Derived B-Type Natriuretic Peptide, Provides Immediate and Prolonged Protection against Myocardial Ischemia-Reperfusion Injury via Modulation of Post-Ischemic Inflammatory Response. *Toxins*, **2019**, 11,	4.9	5
20	Mesenteric endothelial dysfunction in a cardiopulmonary bypass rat model: the effect of diabetes. *Diabetes and Vascular Disease Research*, **2012**, 9, 270-9	3.3	5
19	Endothelin antagonism in experimental ischemic heart failure: hemodynamic, structural and neurohumoral effects. *Heart Failure Reviews*, **2001**, 6, 295-300	5	5
18	Interaction Between Endothelium-Derived Nitric Oxide and SIN-1 in Human and Porcine Blood Vessels. *Journal of Cardiovascular Pharmacology*, **1989**, 14, S76-80	3.1	5
17	A 30-Minute Supraceliac Aortic Clamping in the Rat Causes Death Due to an Inflammatory Response and Pulmonary Lesions. *Annals of Vascular Surgery*, **2018**, 52, 192-200	1.7	3
16	Gene Expression of Protein Tyrosine Phosphatase 1B and Endoplasmic Reticulum Stress During Septic Shock. *Frontiers in Medicine*, **2019**, 6, 240	4.9	3

15	Urantide Improves Cardiac Function, Modulates Systemic Cytokine Response, and Increases Survival in A Murine Model of Endotoxic Shock. *Shock*, **2020**, 54, 574-582	3.4	3
14	Desmin aggrephagy in rat and human ischemic heart failure through PKC and GSK3 as upstream signaling pathways. *Cell Death Discovery*, **2021**, 7, 153	6.9	3
13	Impact of high-fat diet and vitamin D supplementation on aortic stenosis establishment in waved-2 epidermal growth factor receptor mutant mice. *Journal of Integrative Medicine*, **2019**, 17, 107-114	4	2
12	Modulation of mesenteric vasoreactivity and inflammatory response by protein undernutrition in cardiopulmonary bypass. *Nutrition*, **2013**, 29, 318-24	4.8	2
11	Cardiopulmonary bypass increases endothelial dysfunction after pulmonary ischaemia-reperfusion in an animal model. *European Journal of Cardio-thoracic Surgery*, **2021**, 59, 1037-1047	3	2
10	Transient heart rate reduction improves acute decompensated heart failure-induced left ventricular and coronary dysfunction. *ESC Heart Failure*, **2021**, 8, 1085-1095	3.7	2
9	Impact of the acute local inhibition of soluble epoxide hydrolase on diabetic skin microcirculatory dysfunction. *Diabetes and Vascular Disease Research*, **2019**, 16, 523-529	3.3	1
8	Response to Letter Regarding Article, Improvement of Peripheral Endothelial Dysfunction by Protein Tyrosine Phosphatase Inhibitors in Heart Failure *Circulation*, **2007**, 115,	16.7	1
7	Evidence for wall shear stress-dependent t-PA release in human conduit arteries: role of endothelial factors and impact of high blood pressure. *Hypertension Research*, **2021**, 44, 310-317	4.7	1
6	A Weak Response to Endoplasmic Reticulum Stress Is Associated With Postoperative Organ Failure in Patients Undergoing Cardiac Surgery With Cardiopulmonary Bypass. *Frontiers in Medicine*, **2020**, 7, 613518	4.9	1
5	Preservation of epoxyeicosatrienoic acid bioavailability prevents renal allograft dysfunction and cardiovascular alterations in kidney transplant recipients. *Scientific Reports*, **2021**, 11, 3739	4.9	0
4	Effects of combination of low doses of angiotensin-converting enzyme inhibitor and diuretics on renal function in spontaneously hypertensive rats: comparison between acute and chronic treatment. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2001**, 2, 107-11	3	
3	Therapeutic vascular growth in the heart. *Vascular Biology (Bristol, England)*, **2019**, 1, H9-H15	2.9	
2	Three dimensional validation of an instrumented handrail for stair gait. *Medical Engineering and Physics*, **2020**, 86, 16-19	2.4	
1	Soluble Epoxide Hydrolase Inhibition Prevents Experimental Type 4 Cardiorenal Syndrome. *Frontiers in Molecular Biosciences*, **2020**, 7, 604042	5.6	