

Paul M Vanhoutte

List of Publications by Year in Descending Order

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

399
papers

23,739
citations

82
h-index

137
g-index

418
ext. papers

25,507
ext. citations

6.3
avg, IF

7.22
L-index

#	Paper	IF	Citations
399	Natriuretic peptides relax human intrarenal arteries through natriuretic peptide receptor type-A recapitulated by soluble guanylyl cyclase agonists. <i>Acta Physiologica</i> , 2021 , 231, e13565	5.6	2
398	Serotonin: a forgotten signal from the blood. <i>Handbook of Behavioral Neuroscience</i> , 2020 , 31, 393-409	0.7	2
397	Deficiency of T-type voltage-gated calcium channels results in attenuated weight gain and improved endothelium-dependent dilatation of resistance vessels induced by a high-fat diet in mice. <i>Journal of Physiology and Biochemistry</i> , 2020 , 76, 135-145	5	4
396	Adipocyte fatty acid-binding protein exacerbates cerebral ischaemia injury by disrupting the blood-brain barrier. <i>European Heart Journal</i> , 2020 , 41, 3169-3180	9.5	14
395	Endothelium-Derived Relaxing Factor 2020 , 23-41		2
394	Major histocompatibility complexes are up-regulated in glomerular endothelial cells via activation of c-Jun N-terminal kinase in 5/6 nephrectomy mice. <i>British Journal of Pharmacology</i> , 2020 , 177, 5131-5147	8.6	4
393	Acute activation of endothelial AMPK surprisingly inhibits endothelium-dependent hyperpolarization-like relaxations in rat mesenteric arteries. <i>British Journal of Pharmacology</i> , 2019 , 176, 2905-2921	8.6	9
392	Endothelial SIRT1 prevents age-induced impairment of vasodilator responses by enhancing the expression and activity of soluble guanylyl cyclase in smooth muscle cells. <i>Cardiovascular Research</i> , 2019 , 115, 678-690	9.9	17
391	The acute blood pressure-lowering effect of amiloride is independent of endothelial ENaC and eNOS in humans and mice. <i>Acta Physiologica</i> , 2019 , 225, e13189	5.6	8
390	Deletion of Rap1 disrupts redox balance and impairs endothelium-dependent relaxations. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 115, 1-9	5.8	5
389	L-arginine and Arginase Products Potentiate Dexmedetomidine-induced Contractions in the Rat Aorta. <i>Anesthesiology</i> , 2018 , 128, 564-573	4.3	3
388	Paeonol Attenuates LPS-Induced Endothelial Dysfunction and Apoptosis by Inhibiting BMP4 and TLR4 Signaling Simultaneously but Independently. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 364, 420-432	4.7	25
387	Nitric Oxide: From Good to Bad. <i>Annals of Vascular Diseases</i> , 2018 , 11, 41-51	0.9	36
386	Chronic administration of sodium nitrite prevents hypertension and protects arterial endothelial function by reducing oxidative stress in angiotensin II-infused mice. <i>Vascular Pharmacology</i> , 2018 , 102, 11-20	5.9	19
385	Activation of NQO-1 mediates the augmented contractions of isolated arteries due to biased activity of soluble guanylyl cyclase in their smooth muscle. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018 , 391, 1221-1235	3.4	3
384	No Protective Effect of Constitutive Activation of AMPK in Endothelial Cells on Vascular Function in Aged Obese Mice but Augmented β -Adrenergic Contractions in Renal Arteries Reversible by Weight Loss. <i>Journal of Vascular Research</i> , 2018 , 55, 189-202	1.9	1
383	Low but not high frequency of intermittent hypoxia suppresses endothelium-dependent, oxidative stress-mediated contractions in carotid arteries of obese mice. <i>Journal of Applied Physiology</i> , 2018 , 125, 1384-1395	3.7	4

382	Apolipoprotein E favours the blunting by high-fat diet of prostacyclin receptor activation in the mouse aorta. <i>British Journal of Pharmacology</i> , 2018 , 175, 3453-3469	8.6	3
381	EP4 emerges as a novel regulator of bile acid synthesis and its activation protects against hypercholesterolemia. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 1029-1040	5	7
380	Lipocalin-2 derived from adipose tissue mediates aldosterone-induced renal injury. <i>JCI Insight</i> , 2018 , 3,	9.9	14
379	Deletion of T-type calcium channels Ca _v 3.1 or Ca _v 3.2 attenuates endothelial dysfunction in aging mice. <i>Pflügers Archiv European Journal of Physiology</i> , 2018 , 470, 355-365	4.6	7
378	Endothelial overexpression of endothelin-1 modulates aortic, carotid, iliac and renal arterial responses in obese mice. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 498-512	8	7
377	Macro- and microvascular endothelial dysfunction in diabetes. <i>Journal of Diabetes</i> , 2017 , 9, 434-449	3.8	217
376	Biased activity of soluble guanylyl cyclase: the Janus face of thymoquinone. <i>Acta Pharmaceutica Sinica B</i> , 2017 , 7, 401-408	15.5	7
375	Measuring non-polyaminated lipocalin-2 for cardiometabolic risk assessment. <i>ESC Heart Failure</i> , 2017 , 4, 563-575	3.7	11
374	Inhibition of Vascular c-Jun N-Terminal Kinase 2 Improves Obesity-Induced Endothelial Dysfunction After Roux-en-Y Gastric Bypass. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	4
373	Paradoxical lack of increase in endothelin-1 levels in obese mice - possible role of endothelin-B receptors. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 1699-1700	8	2
372	3',5'-cIMP as Potential Second Messenger in the Vascular Wall. <i>Handbook of Experimental Pharmacology</i> , 2017 , 238, 209-228	3.2	8
371	Are there haemorheological reasons for using drugs acting on vascular smooth muscle?. <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 2, 299-303	2.5	
370	Regenerated Endothelium and Its Senescent Response to Aggregating Platelets. <i>Circulation Journal</i> , 2016 , 80, 783-90	2.9	16
369	Thirty Years of Saying NO: Sources, Fate, Actions, and Misfortunes of the Endothelium-Derived Vasodilator Mediator. <i>Circulation Research</i> , 2016 , 119, 375-96	15.7	237
368	Sodium nitrite exerts an antihypertensive effect and improves endothelial function through activation of eNOS in the SHR. <i>Scientific Reports</i> , 2016 , 6, 33048	4.9	30
367	Endothelium-Dependent Contractions of Isolated Arteries to Thymoquinone Require Biased Activity of Soluble Guanylyl Cyclase with Subsequent Cyclic IMP Production. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 358, 558-68	4.7	13
366	Toll-like receptors mediating vascular malfunction: Lessons from receptor subtypes. <i>Pharmacology & Therapeutics</i> , 2016 , 158, 91-100	13.9	29
365	Reduced nitric oxide-mediated relaxation and endothelial nitric oxide synthase expression in the tail arteries of streptozotocin-induced diabetic rats. <i>European Journal of Pharmacology</i> , 2016 , 773, 78-84	5.3	15

364	Endothelial Lessons. <i>Current Vascular Pharmacology</i> , 2016 , 14, 175-80	3.3	3
363	Endothelial SIRT1 prevents adverse arterial remodeling by facilitating HERC2-mediated degradation of acetylated LKB1. <i>Oncotarget</i> , 2016 , 7, 39065-39081	3.3	26
362	Endothelium dependent hyperpolarization-type relaxation compensates for attenuated nitric oxide-mediated responses in subcutaneous arteries of diabetic patients. <i>Nitric Oxide - Biology and Chemistry</i> , 2016 , 53, 35-44	5	21
361	Sodium nitrite causes relaxation of the isolated rat aorta: By stimulating both endothelial NO synthase and activating soluble guanylyl cyclase in vascular smooth muscle. <i>Vascular Pharmacology</i> , 2015 , 74, 87-92	5.9	15
360	17 β -Estradiol potentiates endothelium-dependent nitric oxide- and hyperpolarization-mediated relaxations in blood vessels of male but not female apolipoprotein-E deficient mice. <i>Vascular Pharmacology</i> , 2015 , 71, 166-73	5.9	8
359	Des-aspartate angiotensin I (DAA-I) reduces endothelial dysfunction in the aorta of the spontaneously hypertensive rat through inhibition of angiotensin II-induced oxidative stress. <i>Vascular Pharmacology</i> , 2015 , 71, 151-8	5.9	8
358	Activation of prostaglandin E2-EP4 signaling reduces chemokine production in adipose tissue. <i>Journal of Lipid Research</i> , 2015 , 56, 358-68	6.3	21
357	Vascular nitric oxide: Beyond eNOS. <i>Journal of Pharmacological Sciences</i> , 2015 , 129, 83-94	3.7	403
356	Rap1 induces cytokine production in pro-inflammatory macrophages through NF κ B signaling and is highly expressed in human atherosclerotic lesions. <i>Cell Cycle</i> , 2015 , 14, 3580-92	4.7	42
355	Mice lacking prostaglandin E receptor subtype 4 manifest disrupted lipid metabolism attributable to impaired triglyceride clearance. <i>FASEB Journal</i> , 2015 , 29, 4924-36	0.9	18
354	Thyroid hormone affects both endothelial and vascular smooth muscle cells in rat arteries. <i>European Journal of Pharmacology</i> , 2015 , 747, 18-28	5.3	25
353	Reduced activity of SKC α and Na-K ATPase underlies the accelerated impairment of EDH-type relaxations in mesenteric arteries of aging spontaneously hypertensive rats. <i>Pharmacology Research and Perspectives</i> , 2015 , 3, e00150	3.1	21
352	Deficiency of adipocyte fatty-acid-binding protein alleviates myocardial ischaemia/reperfusion injury and diabetes-induced cardiac dysfunction. <i>Clinical Science</i> , 2015 , 129, 547-59	6.5	34
351	Hypoxic Vasospasm Mediated by cAMP: When Soluble Guanylyl Cyclase Turns Bad. <i>Journal of Cardiovascular Pharmacology</i> , 2015 , 65, 545-8	3.1	19
350	β_1 -Adrenoceptor activation of PKC ζ causes heterologous desensitization of thromboxane receptors in the aorta of spontaneously hypertensive rats. <i>British Journal of Pharmacology</i> , 2015 , 172, 3687-701	8.6	4
349	Calorie Restriction Prevents Metabolic Aging Caused by Abnormal SIRT1 Function in Adipose Tissues. <i>Diabetes</i> , 2015 , 64, 1576-90	0.9	23
348	Rapid and body weight-independent improvement of endothelial and high-density lipoprotein function after Roux-en-Y gastric bypass: role of glucagon-like peptide-1. <i>Circulation</i> , 2015 , 131, 871-81	16.7	82
347	Vanillin and vanillin analogs relax porcine coronary and basilar arteries by inhibiting L-type Ca ²⁺ channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 352, 14-22	4.7	16

346	T-type Ca(2+) channels facilitate NO-formation, vasodilatation and NO-mediated modulation of blood pressure. <i>Pflugers Archiv European Journal of Physiology</i> , 2014 , 466, 2205-14	4.6	23
345	End o' the line revisited: moving on from nitric oxide to CGRP. <i>Life Sciences</i> , 2014 , 118, 120-8	6.8	27
344	Vascular smooth muscle cell apoptosis is an early trigger for hypothyroid atherosclerosis. <i>Cardiovascular Research</i> , 2014 , 102, 448-59	9.9	48
343	Prostaglandin I2 and prostaglandin E2 modulate human intrarenal artery contractility through prostaglandin E2-EP4, prostacyclin-IP, and thromboxane A2-TP receptors. <i>Hypertension</i> , 2014 , 64, 551-6	8.5	34
342	Protective effects of histamine on Gq-mediated relaxation in regenerated endothelium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 306, H286-90	5.2	4
341	Tissues cIMPLY do not lie. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014 , 387, 901-3	3.4	15
340	Des-Arg9-bradykinin causes kinin B1 receptor mediated endothelium-independent contractions in endotoxin-treated porcine coronary arteries. <i>Pharmacological Research</i> , 2014 , 90, 18-24	10.2	12
339	Notoginsenoside Ft1 activates both glucocorticoid and estrogen receptors to induce endothelium-dependent, nitric oxide-mediated relaxations in rat mesenteric arteries. <i>Biochemical Pharmacology</i> , 2014 , 88, 66-74	6	24
338	Loss-of-SIRT1 function during vascular ageing: hyperphosphorylation mediated by cyclin-dependent kinase 5. <i>Trends in Cardiovascular Medicine</i> , 2014 , 24, 81-4	6.9	34
337	Uptake and protective effects of ergothioneine in human endothelial cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 350, 691-700	4.7	33
336	cIMP synthesized by sGC as a mediator of hypoxic contraction of coronary arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H328-36	5.2	50
335	Deamidated lipocalin-2 induces endothelial dysfunction and hypertension in dietary obese mice. <i>Journal of the American Heart Association</i> , 2014 , 3, e000837	6	37
334	PDE and sGC hand in hand to see the light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 17704-5	11.5	1
333	COX-2 mediated induction of endothelium-independent contraction to bradykinin in endotoxin-treated porcine coronary artery. <i>Journal of Cardiovascular Pharmacology</i> , 2014 , 64, 209-17	3.1	6
332	Angiotensin-(1-7) augments endothelium-dependent relaxations of porcine coronary arteries to bradykinin by inhibiting angiotensin-converting enzyme 1. <i>Journal of Cardiovascular Pharmacology</i> , 2014 , 63, 453-60	3.1	25
331	Obesity and heterozygous endothelial overexpression of prepro-endothelin-1 modulate responsiveness of mouse main and segmental renal arteries to vasoconstrictor agents. <i>Life Sciences</i> , 2014 , 118, 206-12	6.8	8
330	Acidosis prevents and alkalosis augments endothelium-dependent contractions in mouse arteries. <i>Pflugers Archiv European Journal of Physiology</i> , 2014 , 466, 295-305	4.6	13
329	Reactive Oxygen Species and Endothelium-Derived Contracting Factor (EDCF) IPartners in Endothelial Dysfunction 2014 , 1325-1342		1

328	Beta blockers, nitric oxide, and cardiovascular disease. <i>Current Opinion in Pharmacology</i> , 2013 , 13, 265-73.1		66
327	Upregulation of heme oxygenase-1 potentiates EDH-type relaxations in the mesenteric artery of the spontaneously hypertensive rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 305, H1471-83	5.2	22
326	Hypoxia, vascular smooth muscles and endothelium. <i>Acta Pharmaceutica Sinica B</i> , 2013 , 3, 1-7	15.5	23
325	MMP-7 and cardiovascular disease: not so surprising!. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013 , 112, 2	3.1	2
324	N-Acetylcysteine and allopurinol up-regulated the Jak/STAT3 and PI3K/Akt pathways via adiponectin and attenuated myocardial postischemic injury in diabetes. <i>Free Radical Biology and Medicine</i> , 2013 , 63, 291-303	7.8	73
323	A-FABP and oxidative stress underlie the impairment of endothelium-dependent relaxations to serotonin and the intima-medial thickening in the porcine coronary artery with regenerated endothelium. <i>ACS Chemical Neuroscience</i> , 2013 , 4, 122-9	5.7	13
322	Toll-like receptor 4 mutation protects obese mice against endothelial dysfunction by decreasing NADPH oxidase isoforms 1 and 4. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 777-84	9.4	87
321	Airway epithelium-derived relaxing factor: myth, reality, or naivety?. <i>American Journal of Physiology - Cell Physiology</i> , 2013 , 304, C813-20	5.4	12
320	Histamine-dependent prolongation by aldosterone of vasoconstriction in isolated small mesenteric arteries of the mouse. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 304, H1094-102	5.2	15
319	Deletion of cyclooxygenase-2 in the mouse increases arterial blood pressure with no impairment in renal NO production in response to chronic high salt intake. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 304, R899-907	3.2	10
318	Prolonged exposure to lopinavir impairs endothelium-dependent hyperpolarization-mediated relaxation in rat mesenteric arteries. <i>Journal of Cardiovascular Pharmacology</i> , 2013 , 62, 397-404	3.1	3
317	Endothelial nitric oxide synthase-independent release of nitric oxide in the aorta of the spontaneously hypertensive rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 344, 15-22	4.7	28
316	Reduced expression of prostacyclin synthase and nitric oxide synthase in subcutaneous arteries of type 2 diabetic patients. <i>Tohoku Journal of Experimental Medicine</i> , 2013 , 231, 217-22	2.4	16
315	Differential ligand binding affinities of human estrogen receptor- β isoforms. <i>PLoS ONE</i> , 2013 , 8, e63199	3.7	42
314	N-acetylcysteine and allopurinol confer synergy in attenuating myocardial ischemia injury via restoring HIF-1 α /HO-1 signaling in diabetic rats. <i>PLoS ONE</i> , 2013 , 8, e68949	3.7	50
313	Selective overexpression of human SIRT1 in adipose tissue enhances energy homeostasis and prevents the deterioration of insulin sensitivity with ageing in mice. <i>American Journal of Translational Research (discontinued)</i> , 2013 , 5, 412-26	3	28
312	Endothelium-selective activation of AMP-activated protein kinase prevents diabetes mellitus-induced impairment in vascular function and reendothelialization via induction of heme oxygenase-1 in mice. <i>Circulation</i> , 2012 , 126, 1267-77	16.7	63
311	Wy14643 improves vascular function in the aorta of the spontaneously hypertensive rat mainly by activating peroxisome proliferator-activated receptors alpha. <i>European Journal of Pharmacology</i> , 2012 , 696, 101-10	5.3	6

310	SIRT1 in metabolic syndrome: where to target matters. <i>Pharmacology & Therapeutics</i> , 2012 , 136, 305-18	13.9	42
309	Oxidative stress-dependent cyclooxygenase-2-derived prostaglandin f(2) impairs endothelial function in renovascular hypertensive rats. <i>Antioxidants and Redox Signaling</i> , 2012 , 16, 363-73	8.4	67
308	Nitric oxide: orchestrator of endothelium-dependent responses. <i>Annals of Medicine</i> , 2012 , 44, 694-716	1.5	114
307	Adiponectin and adipocyte fatty acid binding protein in the pathogenesis of cardiovascular disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 302, H1231-40	5.2	85
306	Adiponectin and cardiovascular health: an update. <i>British Journal of Pharmacology</i> , 2012 , 165, 574-90	8.6	174
305	Lipocalin-2 deficiency prevents endothelial dysfunction associated with dietary obesity: role of cytochrome P450 2C inhibition. <i>British Journal of Pharmacology</i> , 2012 , 165, 520-31	8.6	45
304	PKC inhibition with ruboxistaurin reduces oxidative stress and attenuates left ventricular hypertrophy and dysfunction in rats with streptozotocin-induced diabetes. <i>Clinical Science</i> , 2012 , 122, 161-73	6.5	60
303	Activation of nicotinic receptors can contribute to endothelium-dependent relaxations to acetylcholine in the rat aorta. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 341, 756-63	4.7	14
302	Differential genomic changes caused by cholesterol- and PUFA-rich diets in regenerated porcine coronary endothelial cells. <i>Physiological Genomics</i> , 2012 , 44, 551-61	3.6	10
301	Cyclin-dependent kinase 5-mediated hyperphosphorylation of sirtuin-1 contributes to the development of endothelial senescence and atherosclerosis. <i>Circulation</i> , 2012 , 126, 729-40	16.7	68
300	In Memoriam of John T. Shepherd, MD, DSc. <i>Circulation</i> , 2012 , 125, 393-4	16.7	0
299	Arterial endothelial cells: still the craftsmen of regenerated endothelium. <i>Cardiovascular Research</i> , 2012 , 95, 281-9	9.9	27
298	Calcitriol protects renovascular function in hypertension by down-regulating angiotensin II type 1 receptors and reducing oxidative stress. <i>European Heart Journal</i> , 2012 , 33, 2980-90	9.5	126
297	Visfatin and cardio-cerebro-vascular disease. <i>Journal of Cardiovascular Pharmacology</i> , 2012 , 59, 1-9	3.1	31
296	Anti-inflammation therapy by activation of prostaglandin EP4 receptor in cardiovascular and other inflammatory diseases. <i>Journal of Cardiovascular Pharmacology</i> , 2012 , 59, 116-23	3.1	47
295	Nebivolol: an endothelium-friendly selective β -adrenoceptor blocker. <i>Journal of Cardiovascular Pharmacology</i> , 2012 , 59, 16-21	3.1	26
294	Improved functional recovery to I/R injury in hearts from lipocalin-2 deficiency mice: restoration of mitochondrial function and phospholipids remodeling. <i>American Journal of Translational Research (discontinued)</i> , 2012 , 4, 60-71	3	20
293	Genistein enhances relaxation of the spontaneously hypertensive rat aorta by transactivation of epidermal growth factor receptor following binding to membrane estrogen receptors and activation of a G protein-coupled, endothelial nitric oxide synthase-dependent pathway. <i>Pharmacological Research</i> , 2011 , 63, 181-9	10.2	24

292	Non-genomic activation of adenylyl cyclase and protein kinase G by 17 β -estradiol in vascular smooth muscle of the rat superior mesenteric artery. <i>Pharmacological Research</i> , 2011 , 64, 509-16	10.2	23
291	Adiponectin is required for PPAR γ -mediated improvement of endothelial function in diabetic mice. <i>Cell Metabolism</i> , 2011 , 14, 104-15	24.6	91
290	Acacetin causes a frequency- and use-dependent blockade of hKv1.5 channels by binding to the S6 domain. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 51, 966-73	5.8	34
289	Role of sulfhydryl-dependent dimerization of soluble guanylyl cyclase in relaxation of porcine coronary artery to nitric oxide. <i>Cardiovascular Research</i> , 2011 , 90, 565-72	9.9	23
288	Transgenic mice over-expressing ET-1 in the endothelial cells develop systemic hypertension with altered vascular reactivity. <i>PLoS ONE</i> , 2011 , 6, e26994	3.7	30
287	Nitric oxide and protection against cardiac ischemia. <i>Current Pharmaceutical Design</i> , 2011 , 17, 1774-82	3.3	20
286	Chronic administration of BMS309403 improves endothelial function in apolipoprotein E-deficient mice and in cultured human endothelial cells. <i>British Journal of Pharmacology</i> , 2011 , 162, 1564-76	8.6	66
285	Endothelium-mediated control of vascular tone: COX-1 and COX-2 products. <i>British Journal of Pharmacology</i> , 2011 , 164, 894-912	8.6	246
284	Epigallocatechin gallate elicits contractions of the isolated aorta of the aged spontaneously hypertensive rat. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011 , 109, 47-55	3.1	8
283	SIRT1 and AMPK in regulating mammalian senescence: a critical review and a working model. <i>FEBS Letters</i> , 2011 , 585, 986-94	3.8	121
282	Oxidized low-density lipoprotein activates p66Shc via lectin-like oxidized low-density lipoprotein receptor-1, protein kinase C-beta, and c-Jun N-terminal kinase kinase in human endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2090-7	9.4	79
281	Upregulation of heme oxygenase 1 by hemin impairs endothelium-dependent contractions in the aorta of the spontaneously hypertensive rat. <i>Hypertension</i> , 2011 , 58, 926-34	8.5	20
280	Endothelium-dependent contractions in hypertension: when prostacyclin becomes ugly. <i>Hypertension</i> , 2011 , 57, 526-31	8.5	75
279	APPL1 counteracts obesity-induced vascular insulin resistance and endothelial dysfunction by modulating the endothelial production of nitric oxide and endothelin-1 in mice. <i>Diabetes</i> , 2011 , 60, 3044-54	9.9	54
278	Disruption of COX-2 and eNOS does not confer protection from cardiovascular failure in lipopolysaccharide-treated conscious mice and isolated vascular rings. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R412-20	3.2	13
277	Secretoneurin facilitates endothelium-dependent relaxations in porcine coronary arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 300, H1159-65	5.2	11
276	Endothelium-derived NO, but not cyclic GMP, is required for hypoxic augmentation in isolated porcine coronary arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 301, H2313-21	5.2	31
275	Calcium-independent phospholipase A(2) plays a key role in the endothelium-dependent contractions to acetylcholine in the aorta of the spontaneously hypertensive rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H1260-6	5.2	34

274	Dexmedetomidine induces both relaxations and contractions, via different α_2 -adrenoceptor subtypes, in the isolated mesenteric artery and aorta of the rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 335, 659-64	4.7	24
273	Acetaminophen increases blood pressure in patients with coronary artery disease. <i>Circulation</i> , 2010 , 122, 1789-96	16.7	114
272	Bone morphogenic protein-4 impairs endothelial function through oxidative stress-dependent cyclooxygenase-2 upregulation: implications on hypertension. <i>Circulation Research</i> , 2010 , 107, 984-91	15.7	107
271	Lipocalin-2 deficiency attenuates insulin resistance associated with aging and obesity. <i>Diabetes</i> , 2010 , 59, 872-82	0.9	200
270	Senescence of cultured porcine coronary arterial endothelial cells is associated with accelerated oxidative stress and activation of NF κ B. <i>Journal of Vascular Research</i> , 2010 , 47, 287-98	1.9	58
269	Chronic inhibition of nitric-oxide synthase potentiates endothelium-dependent contractions in the rat aorta by augmenting the expression of cyclooxygenase-2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 334, 373-80	4.7	24
268	Adipocyte fatty acid-binding protein modulates inflammatory responses in macrophages through a positive feedback loop involving c-Jun NH2-terminal kinases and activator protein-1. <i>Journal of Biological Chemistry</i> , 2010 , 285, 10273-80	5.4	114
267	SIRT1 promotes proliferation and prevents senescence through targeting LKB1 in primary porcine aortic endothelial cells. <i>Circulation Research</i> , 2010 , 106, 1384-93	15.7	216
266	Chronic treatment with vitamin D lowers arterial blood pressure and reduces endothelium-dependent contractions in the aorta of the spontaneously hypertensive rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 299, H1226-34	5.2	68
265	TP receptors and oxidative stress hand in hand from endothelial dysfunction to atherosclerosis. <i>Advances in Pharmacology</i> , 2010 , 60, 85-106	5.7	18
264	Vascular actions of adipokines molecular mechanisms and therapeutic implications. <i>Advances in Pharmacology</i> , 2010 , 60, 229-55	5.7	42
263	Adiponectin prevents diabetic premature senescence of endothelial progenitor cells and promotes endothelial repair by suppressing the p38 MAP kinase/p16INK4A signaling pathway. <i>Diabetes</i> , 2010 , 59, 2949-59	0.9	101
262	Endothelium-derived nitric oxide inhibits the relaxation of the porcine coronary artery to natriuretic peptides by desensitizing big conductance calcium-activated potassium channels of vascular smooth muscle. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 334, 223-31	4.7	18
261	L-arginine enhances nitrate stress and exacerbates tumor necrosis factor- α toxicity to human endothelial cells in culture: prevention by propofol. <i>Journal of Cardiovascular Pharmacology</i> , 2010 , 55, 358-67	3.1	25
260	The thromboxane/endoperoxide receptor (TP): the common villain. <i>Journal of Cardiovascular Pharmacology</i> , 2010 , 55, 317-32	3.1	46
259	Cellular signaling and NO production. <i>Pflugers Archiv European Journal of Physiology</i> , 2010 , 459, 807-16	4.6	196
258	Endothelial dysfunction: a strategic target in the treatment of hypertension?. <i>Pflugers Archiv European Journal of Physiology</i> , 2010 , 459, 995-1004	4.6	124
257	The endothelial saga: the past, the present, the future. <i>Pflugers Archiv European Journal of Physiology</i> , 2010 , 459, 787-92	4.6	16

256	Vasoconstrictor prostanoids. <i>Pflugers Archiv European Journal of Physiology</i> , 2010 , 459, 941-50	4.6	79	
255	Endothelium-derived vasoactive factors and hypertension: possible roles in pathogenesis and as treatment targets. <i>Current Hypertension Reports</i> , 2010 , 12, 267-75	4.7	121	
254	Regeneration of the endothelium in vascular injury. <i>Cardiovascular Drugs and Therapy</i> , 2010 , 24, 299-303	3.9	40	
253	Inflammation and endothelial dysfunction with aging	2010	189-200	2
252	Berberine prevents hyperglycemia-induced endothelial injury and enhances vasodilatation via adenosine monophosphate-activated protein kinase and endothelial nitric oxide synthase. <i>Cardiovascular Research</i> , 2009 , 82, 484-92	9.9	122	
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