Mattias Carlstrom

List of Publications by Year
in descending order

143 papers	5,083 citations	109137 35 h-index	106150 65 g-index
171 all docs	171 docs citations	171 times ranked	5450 citing authors

#	Article	IF	Citations
1	Cardiovascular characterization of the novel organic mononitrate NDIBP in rats. Nitric Oxide - Biology and Chemistry, 2022, 119, 50-60.	1.2	1
2	Inorganic nitrate and nitrite ameliorate kidney fibrosis by restoring lipid metabolism via dual regulation of AMP-activated protein kinase and the AKT-PGC1Î± pathway. Redox Biology, 2022, 51, 102266.	3.9	10
3	Hydrogen sulfide potentiates the protective effects of nitrite against myocardial ischemia-reperfusion injury in type 2 diabetic rats. Nitric Oxide - Biology and Chemistry, 2022, 124, 15-23.	1.2	4
4	Plasma Nitrate and Nitrite Kinetics after Single Intake of Beetroot Juice in Adult Patients on Chronic Hemodialysis and in Healthy Volunteers: A Randomized, Single-Blind, Placebo-Controlled, Crossover Study. Nutrients, 2022, 14, 2480.	1.7	7
5	Germâ€free mice are not protected against dietâ€induced obesity and metabolic dysfunction. Acta Physiologica, 2021, 231, e13581.	1.8	24
6	Long-term co-administration of sodium nitrite and sodium hydrosulfide inhibits hepatic gluconeogenesis in male type 2 diabetic rats: Role of PI3K-Akt-eNOS pathway. Life Sciences, 2021, 265, 118770.	2.0	5
7	Effects of vitamin D-induced supernatant of placental explants from preeclamptic women on oxidative stress and nitric oxide bioavailability in human umbilical vein endothelial cells. Brazilian Journal of Medical and Biological Research, 2021, 54, e11073.	0.7	1
8	Monocytes from preeclamptic women previously treated with silibinin attenuate oxidative stress in human endothelial cells. Hypertension in Pregnancy, 2021, 40, 124-132.	0.5	2
9	Renovascular effects of inorganic nitrate following ischemia-reperfusion of the kidney. Redox Biology, 2021, 39, 101836.	3.9	13
10	Resveratrol and grape juice: Effects on redox status and nitric oxide production of endothelial cells in in vitro preeclampsia model. Pregnancy Hypertension, 2021, 23, 205-210.	0.6	14
11	Red blood cells from patients with pre-eclampsia induce endothelial dysfunction. Journal of Hypertension, 2021, 39, 1628-1641.	0.3	10
12	Different profiles of circulating arginase 2 in subtypes of preeclampsia pregnant women. Clinical Biochemistry, 2021, 92, 25-33.	0.8	2
13	Renal handling of nitrate in women and men with elevated blood pressure. Acta Physiologica, 2021, 232, e13637.	1.8	8
14	Effects of inorganic nitrate supplementation on cardiovascular function and exercise tolerance in heart failure. Journal of Applied Physiology, 2021, 130, 914-922.	1.2	12
15	Different Pharmacokinetic Responses to an Acute Dose of Inorganic Nitrate in Patients with Type 2 Diabetes. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 878-886.	0.6	6
16	Nitric oxide signalling in kidney regulation and cardiometabolic health. Nature Reviews Nephrology, 2021, 17, 575-590.	4.1	104
17	Inorganic nitrate: A potential prebiotic for oral microbiota dysbiosis associated with type 2 diabetes. Nitric Oxide - Biology and Chemistry, 2021, 116, 38-46.	1.2	8
18	Effects of chronic dietary nitrate supplementation on longevity, vascular function and cancer incidence in rats. Redox Biology, 2021, 48, 102209.	3.9	8

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19	Low Plasma Sodium Concentration Predicts Perforated Acute Appendicitis in Children: A Prospective Diagnostic Accuracy Study. European Journal of Pediatric Surgery, 2020, 30, 350-356.	0.7	23
20	miR-27a in Extracellular Vesicles: Is It a Novel Modulator of Hypertension?. American Journal of Hypertension, 2020, 33, 21-22.	1.0	1
21	Effects of inorganic nitrate in a rat model of monocrotalineâ€induced pulmonary arterial hypertension. Basic and Clinical Pharmacology and Toxicology, 2020, 126, 99-109.	1.2	6
22	Maternal androgen excess induces cardiac hypertrophy and left ventricular dysfunction in female mice offspring. Cardiovascular Research, 2020, 116, 619-632.	1.8	29
23	Dietary nitrate attenuates high-fat diet-induced obesity via mechanisms involving higher adipocyte respiration and alterations in inflammatory status. Redox Biology, 2020, 28, 101387.	3.9	28
24	The new organic nitrate 2-nitrate-1,3-diocthanoxypropan (NDOP) induces nitric oxide production and vasorelaxation via activation of inward-rectifier potassium channels (KIR). Nitric Oxide - Biology and Chemistry, 2020, 104-105, 61-69.	1.2	4
25	Dietary nitrite extends lifespan and prevents age-related locomotor decline in the fruit fly. Free Radical Biology and Medicine, 2020, 160, 860-870.	1.3	13
26	Head-to-head comparison of inorganic nitrate and metformin in a mouse model of cardiometabolic disease. Nitric Oxide - Biology and Chemistry, 2020, 97, 48-56.	1.2	20
27	Microbiota, diet and the generation of reactive nitrogen compounds. Free Radical Biology and Medicine, 2020, 161, 321-325.	1.3	21
28	Erik Persson (1941â€2020) â€“ a Remembrance. Acta Physiologica, 2020, 230, 1-2.	1.8	0
29	Protective effect of intermediate doses of hydrogen sulfide against myocardial ischemia-reperfusion injury in obese type 2 diabetic rats. Life Sciences, 2020, 256, 117855.	2.0	8
30	Mangiferin Ameliorates Hyperuricemic Nephropathy Which Is Associated With Downregulation of AQP2 and Increased Urinary Uric Acid Excretion. Frontiers in Pharmacology, 2020, 11, 49.	1.6	29
31	A randomized clinical trial of the effects of leafy green vegetables and inorganic nitrate on blood pressure. American Journal of Clinical Nutrition, 2020, 111, 749-756.	2.2	32
32	Dose-Dependent Effects of Long-Term Administration of Hydrogen Sulfide on Myocardial Ischemiaâ€“Reperfusion Injury in Male Wistar Rats: Modulation of RKIP, NF-Î°B, and Oxidative Stress. International Journal of Molecular Sciences, 2020, 21, 1415.	1.8	19
33	â€œRemoval of nitrate and nitrite by hemodialysis in end-stage renal disease and by sustained low-efficiency dialysis in acute kidney injuryâ€. Nitric Oxide - Biology and Chemistry, 2020, 98, 33-40.	1.2	6
34	Nitric oxide: To be or not to be an endocrine hormone?. Acta Physiologica, 2020, 229, e13443.	1.8	25
35	Modulation of mitochondria and NADPH oxidase function by the nitrate-nitrite-NO pathway in metabolic disease with focus on type 2 diabetes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165811.	1.8	29
36	Secondary ossification center induces and protects growth plate structure. ELife, 2020, 9, .	2.8	29

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37	Therapeutic value of stimulating the nitrateâ€“nitriteâ€“nitric oxide pathway to attenuate oxidative stress and restore nitric oxide bioavailability in cardiorenal disease. Journal of Internal Medicine, 2019, 285, 2-18.	2.7	63
38	Hydronephrosis and risk of later development of hypertension. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 50-57.	0.7	12
39	The obligatory role of host microbiota in bioactivation of dietary nitrate. Free Radical Biology and Medicine, 2019, 145, 342-348.	1.3	23
40	Hydrogen sulfide potentiates the favorable metabolic effects of inorganic nitrite in type 2 diabetic rats. Nitric Oxide - Biology and Chemistry, 2019, 92, 60-72.	1.2	15
41	Mice exposed to maternal androgen excess and diet-induced obesity have altered phosphorylation of catechol-O-methyltransferase in the placenta and fetal liver. International Journal of Obesity, 2019, 43, 2176-2188.	1.6	16
42	Effect of spironolactone for 1 yr on endothelial function and vascular inflammation biomarkers in renal transplant recipients. American Journal of Physiology - Renal Physiology, 2019, 317, F529-F539.	1.3	12
43	Circulating markers of nitric oxide homeostasis and cardiometabolic diseases: insights from population-based studies. Free Radical Research, 2019, 53, 359-376.	1.5	9
44	Hemoglobin Î²93 Cysteine Is Not Required for Export of Nitric Oxide Bioactivity From the Red Blood Cell. Circulation, 2019, 139, 2654-2663.	1.6	42
45	The Other Glucose Transporter, SGLT1 â€“ Also a Potential Trouble Maker in Diabetes?. Journal of the American Society of Nephrology: JASN, 2019, 30, 519-521.	3.0	4
46	Mechanisms underlying the effects of renal denervation in renovascular hypertension. Hypertension Research, 2019, 42, 754-757.	1.5	3
47	Maresin 1 attenuates neuroinflammation in a mouse model of perioperative neurocognitive disorders. British Journal of Anaesthesia, 2019, 122, 350-360.	1.5	83
48	Sodium and water homeostasis in children admitted with acute appendicitis: a prospective study. Pediatric Research, 2019, 86, 5-8.	1.1	3
49	AMP-activated protein kinase activation and NADPH oxidase inhibition by inorganic nitrate and nitrite prevent liver steatosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 217-226.	3.3	68
50	The G-protein coupled receptor ChemR23 determines smooth muscle cell phenotypic switching to enhance high phosphate-induced vascular calcification. Cardiovascular Research, 2019, 115, 1557-1566.	1.8	35
51	Dietary Nitrate Reduces Blood Pressure in Rats With Angiotensin IIâ€“Induced Hypertension via Mechanisms That Involve Reduction of Sympathetic Hyperactivity. Hypertension, 2019, 73, 839-848.	1.3	26
52	Coffee consumption and gout: a Mendelian randomisation study. Annals of the Rheumatic Diseases, 2018, 77, 1544-1546.	0.5	17
53	Organ uptake and release of inorganic nitrate and nitrite in the pig. Nitric Oxide - Biology and Chemistry, 2018, 75, 16-26.	1.2	15
54	Mechanisms underlying blood pressure reduction by dietary inorganic nitrate. Acta Physiologica, 2018, 224, e13080.	1.8	65

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55	Effects of long-term nitrate supplementation on carbohydrate metabolism, lipid profiles, oxidative stress, and inflammation in male obese type 2 diabetic rats. Nitric Oxide - Biology and Chemistry, 2018, 75, 27-41.	1.2	66
56	Adenosine A₁ receptor activates background potassium channels and modulates information processing in olfactory bulb mitral cells. Journal of Physiology, 2018, 596, 717-733.	1.3	23
57	Total antioxidant capacity of the diet modulates the association between habitual nitrate intake and cardiovascular events: A longitudinal follow-up in Tehran Lipid and Glucose Study. Nutrition and Metabolism, 2018, 15, 19.	1.3	5
58	Coffee consumption and reduced risk of developing type 2 diabetes: a systematic review with meta-analysis. Nutrition Reviews, 2018, 76, 395-417.	2.6	144
59	Extravasal albumin concentration modulates contractile responses of renal afferent arterioles. Acta Physiologica, 2018, 222, e12925.	1.8	2
60	The novel organic mononitrate NDHP attenuates hypertension and endothelial dysfunction in hypertensive rats. Redox Biology, 2018, 15, 182-191.	3.9	12
61	Changes in arterial pressure and markers of nitric oxide homeostasis and oxidative stress following surgical correction of hydronephrosis in children. Pediatric Nephrology, 2018, 33, 639-649.	0.9	6
62	Hydronephrosis is associated with elevated plasmin in urine in pediatric patients and rats and changes in NCC and Î³-ENaC abundance in rat kidney. American Journal of Physiology - Renal Physiology, 2018, 315, F547-F557.	1.3	5
63	Changes of arterial pressure following relief of obstruction in adults with hydronephrosis. Upsala Journal of Medical Sciences, 2018, 123, 216-224.	0.4	3
64	Long-term effects of coffee and caffeine intake on the risk of pre-diabetes and type 2 diabetes: Findings from a population with low coffee consumption. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 1261-1266.	1.1	25
65	Fibroblast Growth Factor Binding Protein 3 (FGFBP3) impacts carbohydrate and lipid metabolism. Scientific Reports, 2018, 8, 15973.	1.6	12
66	Metabolic Effects of Dietary Nitrate in Health and Disease. Cell Metabolism, 2018, 28, 9-22.	7.2	242
67	Hypoxia/Reoxygenation of Rat Renal Arteries Impairs Vasorelaxation via Modulation of Endothelium-Independent sGC/cGMP/PKG Signaling. Frontiers in Physiology, 2018, 9, 480.	1.3	10
68	Genetic ablation of adenosine receptor A3 results in articular cartilage degeneration. Journal of Molecular Medicine, 2018, 96, 1049-1060.	1.7	13
69	Pharmacological targeting of adenosine receptor signaling. Molecular Aspects of Medicine, 2017, 55, 4-8.	2.7	63
70	Adenosine signaling in diabetes mellitus and associated cardiovascular and renal complications. Molecular Aspects of Medicine, 2017, 55, 62-74.	2.7	38
71	Therapeutic value of renal denervation in cardiovascular disease?. Acta Physiologica, 2017, 220, 11-13.	1.8	10
72	Synthesis and characterization of a novel organic nitrate NDHP: Role of xanthine oxidoreductase-mediated nitric oxide formation. Redox Biology, 2017, 13, 163-169.	3.9	12

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73	Dietary nitrate attenuates renal ischemia-reperfusion injuries by modulation of immune responses and reduction of oxidative stress. Redox Biology, 2017, 13, 320-330.	3.9	57
74	Effect of nitric oxide on renal autoregulation during hypothermia in the rat. Pflugers Archiv European Journal of Physiology, 2017, 469, 669-680.	1.3	7
75	Exercise differentially affects metabolic functions and white adipose tissue in female letrozole- and dihydrotestosterone-induced mouse models of polycystic ovary syndrome. Molecular and Cellular Endocrinology, 2017, 448, 66-76.	1.6	10
76	Vitamin C intake modify the impact of dietary nitrite on the incidence of type 2 diabetes: A 6-year follow-up in Tehran Lipid and Glucose Study. Nitric Oxide - Biology and Chemistry, 2017, 62, 24-31.	1.2	18
77	Renal denervation attenuates hypertension and renal dysfunction in a model of cardiovascular and renal disease, which is associated with reduced NADPH and xanthine oxidase activity. Redox Biology, 2017, 13, 522-527.	3.9	16
78	Blood Pressureâ€"Lowering Effect of Orally Ingested Nitrite Is Abolished by a Proton Pump Inhibitor. Hypertension, 2017, 69, 23-31.	1.3	74
79	Dual Influence of Endocannabinoids on Long-Term Potentiation of Synaptic Transmission. Frontiers in Pharmacology, 2017, 8, 921.	1.6	25
80	Association between Dietary Intakes of Nitrate and Nitrite and the Risk of Hypertension and Chronic Kidney Disease: Tehran Lipid and Glucose Study. Nutrients, 2016, 8, 811.	1.7	27
81	Nitric oxide generation by the organic nitrate NDBP attenuates oxidative stress and angiotensin Iiâ€mediated hypertension. British Journal of Pharmacology, 2016, 173, 2290-2302.	2.7	16
82	Peritoneal dialysis impairs nitric oxide homeostasis and may predispose infants with low systolic blood pressure to cerebral ischemia. Nitric Oxide - Biology and Chemistry, 2016, 58, 1-9.	1.2	8
83	Genetic Abrogation of Adenosine A ₃ Receptor Prevents Uninephrectomy and High Saltâ€"Induced Hypertension. Journal of the American Heart Association, 2016, 5, .	1.6	25
84	Enhanced XOR activity in eNOS-deficient mice. Free Radical Biology and Medicine, 2016, 99, 472-484.	1.3	60
85	Nitrite-mediated reduction of macrophage NADPH oxidase activity is dependent on xanthine oxidoreductase-derived nitric oxide but independent of S-nitrosation. Redox Biology, 2016, 10, 119-127.	3.9	37
86	Dietary nitrate improves age-related hypertension and metabolic abnormalities in rats via modulation of angiotensin II receptor signaling and inhibition of superoxide generation. Free Radical Biology and Medicine, 2016, 99, 87-98.	1.3	67
87	Letter by CarlstrÃ¶m and Lundberg Regarding Article, â€œSIRT3-AMPâ€"Activated Protein Kinase Activation by Nitrite and Metformin Improves Hyperglycemia and Normalizes Pulmonary Hypertension Associated With Heart Failure With Preserved Ejection Fractionâ€. Circulation, 2016, 134, e77-8.	1.6	3
88	Profound differences between humans and rodents in the ability to concentrate salivary nitrate: Implications for translational research. Redox Biology, 2016, 10, 206-210.	3.9	65
89	Renal denervation attenuates NADPH oxidase-mediated oxidative stress and hypertension in rats with hydronephrosis. American Journal of Physiology - Renal Physiology, 2016, 310, F43-F56.	1.3	15
90	Diadenosine pentaphosphate modulates glomerular arteriolar tone and glomerular filtration rate. Acta Physiologica, 2015, 213, 285-293.	1.8	8

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91	In adenosine A2B knockouts acute treatment with inorganic nitrate improves glucose disposal, oxidative stress, and AMPK signaling in the liver. Frontiers in Physiology, 2015, 6, 222.	1.3	39
92	Cross-talk Between Nitrate-Nitrite-NO and NO Synthase Pathways in Control of Vascular NO Homeostasis. Antioxidants and Redox Signaling, 2015, 23, 295-306.	2.5	90
93	Inorganic nitrite attenuates NADPH oxidase-derived superoxide generation in activated macrophages via a nitric oxide-dependent mechanism. Free Radical Biology and Medicine, 2015, 83, 159-166.	1.3	69
94	Identification and function of adenosine A₃ receptor in afferent arterioles. American Journal of Physiology - Renal Physiology, 2015, 308, F1020-F1025.	1.3	16
95	Surgical treatment reduces blood pressure in children with unilateral congenital hydronephrosis. Journal of Pediatric Urology, 2015, 11, 91.e1-91.e6.	0.6	11
96	Nitrite-mediated renal vasodilatation is increased during ischemic conditions via cGMP-independent signaling. Free Radical Biology and Medicine, 2015, 84, 154-160.	1.3	28
97	Plasma nitrate/nitrite removal by peritoneal dialysis might predispose infants with low blood pressure to cerebral ischaemia. CKJ: Clinical Kidney Journal, 2015, 8, 215-218.	1.4	9
98	Abrogation of adenosine A1 receptor signalling improves metabolic regulation in mice by modulating oxidative stress and inflammatory responses. Diabetologia, 2015, 58, 1610-1620.	2.9	38
99	Renal Autoregulation in Health and Disease. Physiological Reviews, 2015, 95, 405-511.	13.1	348
100	Cyclophilin D, a target for counteracting skeletal muscle dysfunction in mitochondrial myopathy. Human Molecular Genetics, 2015, 24, 6580-6587.	1.4	16
101	Adenosine A₁ receptorâ€dependent and independent pathways in modulating renal vascular responses to angiotensin <scp>II</scp>. Acta Physiologica, 2015, 213, 268-276.	1.8	7
102	Renal purinergic signalling in health and disease. Acta Physiologica, 2015, 213, 805-807.	1.8	7
103	Effects of long-term dietary nitrate supplementation in mice. Redox Biology, 2015, 5, 234-242.	3.9	54
104	NADPH Oxidase in the Renal Microvasculature Is a Primary Target for Blood Pressureâ€“Lowering Effects by Inorganic Nitrate and Nitrite. Hypertension, 2015, 65, 161-170.	1.3	83
105	Microbial regulation of host hydrogen sulfide bioavailability and metabolism. Free Radical Biology and Medicine, 2013, 60, 195-200.	1.3	151
106	Rats with adenine-induced chronic renal failure develop low-renin, salt-sensitive hypertension and increased aortic stiffness. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R744-R752.	0.9	27
107	Impaired EphA4 signaling leads to congenital hydronephrosis, renal injury, and hypertension. American Journal of Physiology - Renal Physiology, 2013, 305, F71-F79.	1.3	16
108	Aspirinâ€triggered resolvin D1 prevents surgeryâ€induced cognitive decline. FASEB Journal, 2013, 27, 3564-3571.	0.2	126

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109	Interactions between adenosine, angiotensin II and nitric oxide on the afferent arteriole influence sensitivity of the tubuloglomerular feedback. Frontiers in Physiology, 2013, 4, 187.	1.3	23
110	<scp>L</scp>â€arginine or tempol supplementation improves renal and cardiovascular function in rats with reduced renal mass and chronic high salt intake. Acta Physiologica, 2013, 207, 732-741.	1.8	25
111	p47 ^{phox} Is Required for Afferent Arteriolar Contractile Responses to Angiotensin II and Perfusion Pressure in Mice. Hypertension, 2012, 59, 415-420.	1.3	45
112	265 Tricuspid Regurgitation and Surgical Technique Influences Outcome after Heart Transplantation. Journal of Heart and Lung Transplantation, 2012, 31, S96.	0.3	0
113	Role of Adenosine A1 Receptors in Regulation of Arteriolar Responses to Adenosine and Angiotensin II. FASEB Journal, 2012, 26, 690.3.	0.2	0
114	Roles of dietary inorganic nitrate in cardiovascular health and disease. Cardiovascular Research, 2011, 89, 525-532.	1.8	268
115	Seasonal Variation in Metabolic Syndrome Components: How Much Do They Influence the Diagnosis of Metabolic Syndrome?. Current Cardiovascular Risk Reports, 2011, 5, 29-37.	0.8	3
116	Response to Sex of the Animal Impacts Responses to Angiotensin II, Oxidative Stress Levels, and Nitric Oxide Bioavailability. Hypertension, 2011, 57, .	1.3	1
117	Dietary nitrate attenuates oxidative stress, prevents cardiac and renal injuries, and reduces blood pressure in salt-induced hypertension. Cardiovascular Research, 2011, 89, 574-585.	1.8	216
118	Tubuloglomerular feedback response in the prenatal and postnatal ovine kidney. American Journal of Physiology - Renal Physiology, 2011, 300, F1368-F1374.	1.3	10
119	Adenosine A2A receptor activation attenuates tubuloglomerular feedback responses by stimulation of endothelial nitric oxide synthase. American Journal of Physiology - Renal Physiology, 2011, 300, F457-F464.	1.3	31
120	Adenosine A₁-receptor deficiency diminishes afferent arteriolar and blood pressure responses during nitric oxide inhibition and angiotensin II treatment. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1669-R1681.	0.9	23
121	Inorganic nitrite attenuates Ang IIâ€mediated contraction of renal arterioles via xanthine oxidaseâ€dependent generation of nitric oxide. FASEB Journal, 2011, 25, .	0.2	0
122	Adenosine A1â€receptors enhance renal afferent arteriole contractile responses to Ang II and Lâ€NAME. FASEB Journal, 2011, 25, 665.10.	0.2	0
123	Causal link between neonatal hydronephrosis and later development of hypertension. Clinical and Experimental Pharmacology and Physiology, 2010, 37, e14-23.	0.9	20
124	Superoxide Dismutase 1 Limits Renal Microvascular Remodeling and Attenuates Arteriole and Blood Pressure Responses to Angiotensin II via Modulation of Nitric Oxide Bioavailability. Hypertension, 2010, 56, 907-913.	1.3	66
125	Seasonal variation may affect clinical diagnosis of metabolic syndrome. Hypertension Research, 2010, 33, 531-533.	1.5	4
126	Adenosine A2 receptors modulate tubuloglomerular feedback. American Journal of Physiology - Renal Physiology, 2010, 299, F412-F417.	1.3	27

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127	High-protein-induced glomerular hyperfiltration is independent of the tubuloglomerular feedback mechanism and nitric oxide synthases. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R1263-R1268.	0.9	33
128	Dietary inorganic nitrate reverses features of metabolic syndrome in endothelial nitric oxide synthase-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17716-17720.	3.3	316
129	Important Role of NAD(P)H Oxidase 2 in the Regulation of the Tubuloglomerular Feedback. Hypertension, 2009, 53, 456-457.	1.3	17
130	SOD1 deficiency causes salt sensitivity and aggravates hypertension in hydronephrosis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R82-R92.	0.9	31
131	Role of NOX2 in the regulation of afferent arteriole responsiveness. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R72-R79.	0.9	58
132	Gastroprotective and blood pressure lowering effects of dietary nitrate are abolished by an antiseptic mouthwash. Free Radical Biology and Medicine, 2009, 46, 1068-1075.	1.3	200
133	Angiotensin II enhances the afferent arteriolar response to adenosine through increases in cytosolic calcium. Acta Physiologica, 2009, 196, 435-445.	1.8	11
134	Angiogenesis inhibition causes hypertension and placental dysfunction in a rat model of preeclampsia. Journal of Hypertension, 2009, 27, 829-837.	0.3	18
135	SOD1â€deficiency causes saltâ€sensitivity and aggravates hypertension in hydronephrosis. FASEB Journal, 2009, 23, 803.11.	0.2	0
136	Mechanisms of neonatal increase in glomerular filtration rate. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R916-R921.	0.9	9
137	Role of nitric oxide deficiency in the development of hypertension in hydronephrotic animals. American Journal of Physiology - Renal Physiology, 2008, 294, F362-F370.	1.3	31
138	Nitric Oxide Deficiency and Increased Adenosine Response of Afferent Arterioles in Hydronephrotic Mice With Hypertension. Hypertension, 2008, 51, 1386-1392.	1.3	11
139	Neuronal Nitric Oxide Synthase-Deficient Mice Have Impaired Renin Release But Normal Blood Pressure. American Journal of Hypertension, 2008, 21, 111-116.	1.0	21
140	Uninephrectomy in Young Age or Chronic Salt Loading Causes Salt-Sensitive Hypertension in Adult Rats. Hypertension, 2007, 49, 1342-1350.	1.3	50
141	Relief of chronic partial ureteral obstruction attenuates salt-sensitive hypertension in rats. Acta Physiologica, 2007, 189, 67-75.	1.8	19
142	Hydronephrosis causes salt-sensitive hypertension and impaired renal concentrating ability in mice. Acta Physiologica, 2007, 189, 293-301.	1.8	22
143	Hydronephrosis causes salt-sensitive hypertension in rats. Journal of Hypertension, 2006, 24, 1437-1443.	0.3	36