Mattias Carlstrom

List of Publications by Year in Descending Order

134 papers	3,733 citations	31 h-index	56 g-index
171 ext. papers	4,474 ext. citations	6.3 avg, IF	5.93 L-index

#	Paper	IF	Citations
134	Inorganic nitrate and nitrite ameliorate kidney fibrosis by restoring lipid metabolism via dual regulation of AMP-activated protein kinase and the AKT-PGC1 pathway.. *Redox Biology*, **2022**, 51, 102266	11.3	0
133	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	5	0
132	Cardiovascular characterization of the novel organic mononitrate NDIBP in rats.. *Nitric Oxide - Biology and Chemistry*, **2021**, 119, 50-50	5	0
131	Different profiles of circulating arginase 2 in subtypes of preeclampsia pregnant women. *Clinical Biochemistry*, **2021**, 92, 25-33	3.5	0
130	Renal handling of nitrate in women and men with elevated blood pressure. *Acta Physiologica*, **2021**, 232, e13637	5.6	3
129	Effects of inorganic nitrate supplementation on cardiovascular function and exercise tolerance in heart failure. *Journal of Applied Physiology*, **2021**, 130, 914-922	3.7	1
128	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	2.2	3
127	Nitric oxide signalling in kidney regulation and cardiometabolic health. *Nature Reviews Nephrology*, **2021**, 17, 575-590	14.9	21
126	Germ-free mice are not protected against diet-induced obesity and metabolic dysfunction. *Acta Physiologica*, **2021**, 231, e13581	5.6	6
125	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	6.8	4
124	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	2.8	0
123	Monocytes from preeclamptic women previously treated with silibinin attenuate oxidative stress in human endothelial cells. *Hypertension in Pregnancy*, **2021**, 40, 124-132	2	1
122	Renovascular effects of inorganic nitrate following ischemia-reperfusion of the kidney. *Redox Biology*, **2021**, 39, 101836	11.3	2
121	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	2.6	4
120	Red blood cells from patients with pre-eclampsia induce endothelial dysfunction. *Journal of Hypertension*, **2021**, 39, 1628-1641	1.9	3
119	Inorganic nitrate: A potential prebiotic for oral microbiota dysbiosis associated with type 2 diabetes. *Nitric Oxide - Biology and Chemistry*, **2021**, 116, 38-46	5	1
118	Effects of chronic dietary nitrate supplementation on longevity, vascular function and cancer incidence in rats.. *Redox Biology*, **2021**, 48, 102209	11.3	0

117	Erik Persson (1941-2020) - a Remembrance. *Acta Physiologica*, **2020**, 230, 1-2	5.6	
116	Protective effect of intermediate doses of hydrogen sulfide against myocardial ischemia-reperfusion injury in obese type 2 diabetic rats. *Life Sciences*, **2020**, 256, 117855	6.8	6
115	Mangiferin Ameliorates Hyperuricemic Nephropathy Which Is Associated With Downregulation of AQP2 and Increased Urinary Uric Acid Excretion. *Frontiers in Pharmacology*, **2020**, 11, 49	5.6	13
114	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	7	17
113	Dose-Dependent Effects of Long-Term Administration of Hydrogen Sulfide on Myocardial Ischemia-Reperfusion Injury in Male Wistar Rats: Modulation of RKIP, NF-B, and Oxidative Stress. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	16
112	"Removal of nitrate and nitrite by hemodialysis in end-stage renal disease and by sustained low-efficiency dialysis in acute kidney injury". *Nitric Oxide - Biology and Chemistry*, **2020**, 98, 33-40	5	4
111	Nitric oxide: To be or not to be an endocrine hormone?. *Acta Physiologica*, **2020**, 229, e13443	5.6	13
110	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	6.9	13
109	Secondary ossification center induces and protects growth plate structure. *ELife*, **2020**, 9,	8.9	11
108	Dietary nitrate attenuates high-fat diet-induced obesity via mechanisms involving higher adipocyte respiration and alterations in inflammatory status. *Redox Biology*, **2020**, 28, 101387	11.3	16
107	The new organic nitrate 2-nitrate-1,3-diocthanoxypropan (NDOP) induces nitric oxide production and vasorelaxation via activation of inward-rectifier potassium channels (K). *Nitric Oxide - Biology and Chemistry*, **2020**, 104-105, 61-69	5	2
106	Dietary nitrite extends lifespan and prevents age-related locomotor decline in the fruit fly. *Free Radical Biology and Medicine*, **2020**, 160, 860-870	7.8	7
105	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	5	11
104	Microbiota, diet and the generation of reactive nitrogen compounds. *Free Radical Biology and Medicine*, **2020**, 161, 321-325	7.8	5
103	Low Plasma Sodium Concentration Predicts Perforated Acute Appendicitis in Children: A Prospective Diagnostic Accuracy Study. *European Journal of Pediatric Surgery*, **2020**, 30, 350-356	1.9	8
102	miR-27a in Extracellular Vesicles: Is It a Novel Modulator of Hypertension?. *American Journal of Hypertension*, **2020**, 33, 21-22	2.3	1
101	Effects of inorganic nitrate in a rat model of monocrotaline-induced pulmonary arterial hypertension. *Basic and Clinical Pharmacology and Toxicology*, **2020**, 126, 99-109	3.1	4
100	Maternal androgen excess induces cardiac hypertrophy and left ventricular dysfunction in female mice offspring. *Cardiovascular Research*, **2020**, 116, 619-632	9.9	14

99	Hydrogen sulfide potentiates the favorable metabolic effects of inorganic nitrite in type 2 diabetic rats. *Nitric Oxide - Biology and Chemistry*, **2019**, 92, 60-72	5	14
98	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	5.5	12
97	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	4.3	5
96	Circulating markers of nitric oxide homeostasis and cardiometabolic diseases: insights from population-based studies. *Free Radical Research*, **2019**, 53, 359-376	4	6
95	Hemoglobin β93 Cysteine Is Not Required for Export of Nitric Oxide Bioactivity From the Red Blood Cell. *Circulation*, **2019**, 139, 2654-2663	16.7	23
94	Maresin 1 attenuates neuroinflammation in a mouse model of perioperative neurocognitive disorders. *British Journal of Anaesthesia*, **2019**, 122, 350-360	5.4	47
93	Therapeutic value of stimulating the nitrate-nitrite-nitric oxide pathway to attenuate oxidative stress and restore nitric oxide bioavailability in cardiorenal disease. *Journal of Internal Medicine*, **2019**, 285, 2-18	10.8	38
92	Hydronephrosis and risk of later development of hypertension. *Acta Paediatrica, International Journal of Paediatrics*, **2019**, 108, 50-57	3.1	6
91	The obligatory role of host microbiota in bioactivation of dietary nitrate. *Free Radical Biology and Medicine*, **2019**, 145, 342-348	7.8	15
90	Dietary Nitrate Reduces Blood Pressure in Rats With Angiotensin II-Induced Hypertension via Mechanisms That Involve Reduction of Sympathetic Hyperactivity. *Hypertension*, **2019**, 73, 839-848	8.5	19
89	Sodium and water homeostasis in children admitted with acute appendicitis: a prospective study. *Pediatric Research*, **2019**, 86, 5-8	3.2	1
88	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	11.5	46
87	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	9.9	24
86	Coffee consumption and gout: a Mendelian randomisation study. *Annals of the Rheumatic Diseases*, **2018**, 77, 1544-1546	2.4	14
85	Organ uptake and release of inorganic nitrate and nitrite in the pig. *Nitric Oxide - Biology and Chemistry*, **2018**, 75, 16-26	5	12
84	Mechanisms underlying blood pressure reduction by dietary inorganic nitrate. *Acta Physiologica*, **2018**, 224, e13080	5.6	39
83	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	5	47
82	Adenosine A receptor activates background potassium channels and modulates information processing in olfactory bulb mitral cells. *Journal of Physiology*, **2018**, 596, 717-733	3.9	13

81	Total antioxidant capacity of the diet modulates the association between habitual nitrate intake and cardiovascular events:. *Nutrition and Metabolism*, **2018**, 15, 19	4.6	5
80	Coffee consumption and reduced risk of developing type 2 diabetes: a systematic review with meta-analysis. *Nutrition Reviews*, **2018**, 76, 395-417	6.4	90
79	Extravasal albumin concentration modulates contractile responses of renal afferent arterioles. *Acta Physiologica*, **2018**, 222, e12925	5.6	0
78	Hypoxia/Reoxygenation of Rat Renal Arteries Impairs Vasorelaxation via Modulation of Endothelium-Independent sGC/cGMP/PKG Signaling. *Frontiers in Physiology*, **2018**, 9, 480	4.6	7
77	Genetic ablation of adenosine receptor A3 results in articular cartilage degeneration. *Journal of Molecular Medicine*, **2018**, 96, 1049-1060	5.5	9
76	The novel organic mononitrate NDHP attenuates hypertension and endothelial dysfunction in hypertensive rats. *Redox Biology*, **2018**, 15, 182-191	11.3	11
75	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	3.2	6
74	Hydronephrosis is associated with elevated plasmin in urine in pediatric patients and rats and changes in NCC and ENaC abundance in rat kidney. *American Journal of Physiology - Renal Physiology*, **2018**, 315, F547-F557	4.3	3
73	Changes of arterial pressure following relief of obstruction in adults with hydronephrosis. *Upsala Journal of Medical Sciences*, **2018**, 123, 216-224	2.8	3
72	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	4.5	17
71	Fibroblast Growth Factor Binding Protein 3 (FGFBP3) impacts carbohydrate and lipid metabolism. *Scientific Reports*, **2018**, 8, 15973	4.9	6
70	Metabolic Effects of Dietary Nitrate in Health and Disease. *Cell Metabolism*, **2018**, 28, 9-22	24.6	139
69	Pharmacological targeting of adenosine receptor signaling. *Molecular Aspects of Medicine*, **2017**, 55, 4-8	16.7	43
68	Adenosine signaling in diabetes mellitus and associated cardiovascular and renal complications. *Molecular Aspects of Medicine*, **2017**, 55, 62-74	16.7	28
67	Synthesis and characterization of a novel organic nitrate NDHP: Role of xanthine oxidoreductase-mediated nitric oxide formation. *Redox Biology*, **2017**, 13, 163-169	11.3	9
66	Dietary nitrate attenuates renal ischemia-reperfusion injuries by modulation of immune responses and reduction of oxidative stress. *Redox Biology*, **2017**, 13, 320-330	11.3	43
65	Effect of nitric oxide on renal autoregulation during hypothermia in the rat. *Pflugers Archiv European Journal of Physiology*, **2017**, 469, 669-680	4.6	5
64	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	4.4	8

63	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	5	12
62	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	11.3	13
61	Blood Pressure-Lowering Effect of Orally Ingested Nitrite Is Abolished by a Proton Pump Inhibitor. *Hypertension*, **2017**, 69, 23-31	8.5	59
60	Dual Influence of Endocannabinoids on Long-Term Potentiation of Synaptic Transmission. *Frontiers in Pharmacology*, **2017**, 8, 921	5.6	19
59	Profound differences between humans and rodents in the ability to concentrate salivary nitrate: Implications for translational research. *Redox Biology*, **2016**, 10, 206-210	11.3	47
58	Renal denervation attenuates NADPH oxidase-mediated oxidative stress and hypertension in rats with hydronephrosis. *American Journal of Physiology - Renal Physiology*, **2016**, 310, F43-56	4.3	12
57	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,	6.7	22
56	Nitric oxide generation by the organic nitrate NDBP attenuates oxidative stress and angiotensin II-mediated hypertension. *British Journal of Pharmacology*, **2016**, 173, 2290-302	8.6	14
55	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	5	7
54	Genetic Abrogation of Adenosine A3 Receptor Prevents Uninephrectomy and High Salt-Induced Hypertension. *Journal of the American Heart Association*, **2016**, 5,	6	22
53	Enhanced XOR activity in eNOS-deficient mice: Effects on the nitrate-nitrite-NO pathway and ROS homeostasis. *Free Radical Biology and Medicine*, **2016**, 99, 472-484	7.8	48
52	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	11.3	30
51	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	7.8	57
50	Letter by Carlström and Lundberg Regarding Article, "SIRT3-AMP-Activated Protein Kinase Activation by Nitrite and Metformin Improves Hyperglycemia and Normalizes Pulmonary Hypertension Associated With Heart Failure With Preserved Ejection Fraction". *Circulation*, **2016**, 134, e77-8	16.7	3
49	Surgical treatment reduces blood pressure in children with unilateral congenital hydronephrosis. *Journal of Pediatric Urology*, **2015**, 11, 91.e1-6	1.5	9
48	Nitrite-mediated renal vasodilatation is increased during ischemic conditions via cGMP-independent signaling. *Free Radical Biology and Medicine*, **2015**, 84, 154-160	7.8	26
47	Plasma nitrate/nitrite removal by peritoneal dialysis might predispose infants with low blood pressure to cerebral ischaemia. *CKJ: Clinical Kidney Journal*, **2015**, 8, 215-8	4.5	8
46	Abrogation of adenosine A1 receptor signalling improves metabolic regulation in mice by modulating oxidative stress and inflammatory responses. *Diabetologia*, **2015**, 58, 1610-20	10.3	31

45	Renal autoregulation in health and disease. *Physiological Reviews*, **2015**, 95, 405-511	47.9	256
44	Cyclophilin D, a target for counteracting skeletal muscle dysfunction in mitochondrial myopathy. *Human Molecular Genetics*, **2015**, 24, 6580-7	5.6	11
43	Adenosine A1 receptor-dependent and independent pathways in modulating renal vascular responses to angiotensin II. *Acta Physiologica*, **2015**, 213, 268-76	5.6	6
42	Effects of long-term dietary nitrate supplementation in mice. *Redox Biology*, **2015**, 5, 234-242	11.3	47
41	NADPH oxidase in the renal microvasculature is a primary target for blood pressure-lowering effects by inorganic nitrate and nitrite. *Hypertension*, **2015**, 65, 161-70	8.5	71
40	Diadenosine pentaphosphate modulates glomerular arteriolar tone and glomerular filtration rate. *Acta Physiologica*, **2015**, 213, 285-93	5.6	8
39	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	4.6	33
38	Cross-talk Between Nitrate-Nitrite-NO and NO Synthase Pathways in Control of Vascular NO Homeostasis. *Antioxidants and Redox Signaling*, **2015**, 23, 295-306	8.4	73
37	Inorganic nitrite attenuates NADPH oxidase-derived superoxide generation in activated macrophages via a nitric oxide-dependent mechanism. *Free Radical Biology and Medicine*, **2015**, 83, 159-66	7.8	59
36	Identification and function of adenosine A3 receptor in afferent arterioles. *American Journal of Physiology - Renal Physiology*, **2015**, 308, F1020-5	4.3	13
35	Microbial regulation of host hydrogen sulfide bioavailability and metabolism. *Free Radical Biology and Medicine*, **2013**, 60, 195-200	7.8	114
34	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, R744-52	3.2	21
33	Impaired EphA4 signaling leads to congenital hydronephrosis, renal injury, and hypertension. *American Journal of Physiology - Renal Physiology*, **2013**, 305, F71-9	4.3	14
32	Aspirin-triggered resolvin D1 prevents surgery-induced cognitive decline. *FASEB Journal*, **2013**, 27, 3564-71	0.9	105
31	Interactions between adenosine, angiotensin II and nitric oxide on the afferent arteriole influence sensitivity of the tubuloglomerular feedback. *Frontiers in Physiology*, **2013**, 4, 187	4.6	19
30	L-arginine or tempol supplementation improves renal and cardiovascular function in rats with reduced renal mass and chronic high salt intake. *Acta Physiologica*, **2013**, 207, 732-41	5.6	23
29	p47(phox) is required for afferent arteriolar contractile responses to angiotensin II and perfusion pressure in mice. *Hypertension*, **2012**, 59, 415-20	8.5	42
28	Role of Adenosine A1 Receptors in Regulation of Arteriolar Responses to Adenosine and Angiotensin II. *FASEB Journal*, **2012**, 26, 690.3	0.9	

27	Seasonal Variation in Metabolic Syndrome Components: How Much Do They Influence the Diagnosis of Metabolic Syndrome?. *Current Cardiovascular Risk Reports*, **2011**, 5, 29-37	0.9	3
26	Roles of dietary inorganic nitrate in cardiovascular health and disease. *Cardiovascular Research*, **2011**, 89, 525-32	9.9	220
25	Dietary nitrate attenuates oxidative stress, prevents cardiac and renal injuries, and reduces blood pressure in salt-induced hypertension. *Cardiovascular Research*, **2011**, 89, 574-85	9.9	184
24	Tubuloglomerular feedback response in the prenatal and postnatal ovine kidney. *American Journal of Physiology - Renal Physiology*, **2011**, 300, F1368-74	4.3	9
23	Adenosine A2A receptor activation attenuates tubuloglomerular feedback responses by stimulation of endothelial nitric oxide synthase. *American Journal of Physiology - Renal Physiology*, **2011**, 300, F457-64	4.3	29
22	Adenosine A□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, R1669-81	3.2	21
21	Adenosine A1-receptors enhance renal afferent arteriole contractile responses to Ang II and L-NAME. *FASEB Journal*, **2011**, 25, 665.10	0.9	
20	Causal link between neonatal hydronephrosis and later development of hypertension. *Clinical and Experimental Pharmacology and Physiology*, **2010**, 37, e14-23	3	17
19	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, 907-13	8.5	61
18	Seasonal variation may affect clinical diagnosis of metabolic syndrome. *Hypertension Research*, **2010**, 33, 531-3	4.7	4
17	Adenosine A(2) receptors modulate tubuloglomerular feedback. *American Journal of Physiology - Renal Physiology*, **2010**, 299, F412-7	4.3	25
16	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, R1263-8	3.2	18
15	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, 17716-20	11.5	263
14	SOD1 deficiency causes salt sensitivity and aggravates hypertension in hydronephrosis. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2009**, 297, R82-92	3.2	29
13	Role of NOX2 in the regulation of afferent arteriole responsiveness. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2009**, 296, R72-9	3.2	51
12	Gastroprotective and blood pressure lowering effects of dietary nitrate are abolished by an antiseptic mouthwash. *Free Radical Biology and Medicine*, **2009**, 46, 1068-75	7.8	175
11	Angiotensin II enhances the afferent arteriolar response to adenosine through increases in cytosolic calcium. *Acta Physiologica*, **2009**, 196, 435-45	5.6	11
10	Angiogenesis inhibition causes hypertension and placental dysfunction in a rat model of preeclampsia. *Journal of Hypertension*, **2009**, 27, 829-37	1.9	12

9	SOD1-deficiency causes salt-sensitivity and aggravates hypertension in hydronephrosis. *FASEB Journal*, **2009**, 23, 803.11	0.9	
8	Mechanisms of neonatal increase in glomerular filtration rate. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2008**, 295, R916-21	3.2	9
7	Role of nitric oxide deficiency in the development of hypertension in hydronephrotic animals. *American Journal of Physiology - Renal Physiology*, **2008**, 294, F362-70	4.3	31
6	Nitric oxide deficiency and increased adenosine response of afferent arterioles in hydronephrotic mice with hypertension. *Hypertension*, **2008**, 51, 1386-92	8.5	11
5	Neuronal nitric oxide synthase-deficient mice have impaired renin release but normal blood pressure. *American Journal of Hypertension*, **2008**, 21, 111-6	2.3	18
4	Relief of chronic partial ureteral obstruction attenuates salt-sensitive hypertension in rats. *Acta Physiologica*, **2007**, 189, 67-75	5.6	16
3	Hydronephrosis causes salt-sensitive hypertension and impaired renal concentrating ability in mice. *Acta Physiologica*, **2007**, 189, 293-301	5.6	21
2	Uninephrectomy in young age or chronic salt loading causes salt-sensitive hypertension in adult rats. *Hypertension*, **2007**, 49, 1342-50	8.5	49
1	Hydronephrosis causes salt-sensitive hypertension in rats. *Journal of Hypertension*, **2006**, 24, 1437-43	1.9	33