Richard J Roman

List of Publications by Year
in descending order

160 papers	6,830 citations	57631 44 h-index	69108 77 g-index
161 all docs	161 docs citations	161 times ranked	4937 citing authors

#	Article	IF	Citations
1	Hippocampus is more susceptible to hypoxic injury: has the Rosetta Stone of regional variation in neurovascular coupling been deciphered?. GeroScience, 2022, 44, 127-130.	2.1	25
2	Traumatic brain injury induced by exposure to blast overpressure via ear canal. Neural Regeneration Research, 2022, 17, 115.	1.6	2
3	The adducin saga: pleiotropic genomic targets for precision medicine in human hypertensionâ€"vascular, renal, and cognitive diseases. Physiological Genomics, 2022, 54, 58-70.	1.0	5
4	Luseogliflozin, a sodium-glucose cotransporter-2 inhibitor, reverses cerebrovascular dysfunction and cognitive impairments in 18-mo-old diabetic animals. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H246-H259.	1.5	12
5	Contribution of cerebral microvascular mechanisms to age-related cognitive impairment and dementia. Physiology International, 2022, 109, 20-30.	0.8	10
6	Contribution of Betaâ€amyloid Accumulation to Cerebral Hypoperfusion in Alzheimer's Disease. FASEB Journal, 2022, 36, .	0.2	2
7	Optimization of Renal Delivery of an MMP2â€inhibitory Peptide Delivered Using the Elastinâ€like Polypeptide Carrier. FASEB Journal, 2022, 36, .	0.2	0
8	From 1901 to 2022, how far are we from truly understanding the pathogenesis of age-related dementia?. GeroScience, 2022, 44, 1879-1883.	2.1	22
9	Renoprotective effects of empagliflozin in type 1 and type 2 models of diabetic nephropathy superimposed with hypertension. GeroScience, 2022, 44, 2845-2861.	2.1	7
10	Increased Levels of Renal Lysophosphatidic Acid in Rodent Models with Renal Disease. Journal of Pharmacology and Experimental Therapeutics, 2021, 376, 240-249.	1.3	4
11	Reduced pericyte and tight junction coverage in old diabetic rats are associated with hyperglycemia-induced cerebrovascular pericyte dysfunction. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H549-H562.	1.5	35
12	Role of Î³-adducin in actin cytoskeleton rearrangements in podocyte pathophysiology. American Journal of Physiology - Renal Physiology, 2021, 320, F97-F113.	1.3	9
13	Knockout ofÎ³-Adducin Promotes N^G-Nitro-L-Arginine-Methyl-Esterâ€"Induced Hypertensive Renal Injury. Journal of Pharmacology and Experimental Therapeutics, 2021, 377, 189-198.	1.3	6
14	Novel Mechanistic Insights and Potential Therapeutic Impact of TRPC6 in Neurovascular Coupling and Ischemic Stroke. International Journal of Molecular Sciences, 2021, 22, 2074.	1.8	32
15	Reversal of cerebral hypoperfusion: a novel therapeutic target for the treatment of AD/ADRD?. GeroScience, 2021, 43, 1065-1067.	2.1	14
16	Aging diabetes, deconstructing the cerebrovascular wall. Aging, 2021, 13, 9158-9159.	1.4	11
17	A Biopolymerâ€delivered MMPâ€2 Inhibitory for Treatment of Renal Fibrosis. FASEB Journal, 2021, 35, .	0.2	0
18	20-HETE-promoted cerebral blood flow autoregulation is associated with enhanced pericyte contractility. Prostaglandins and Other Lipid Mediators, 2021, 154, 106548.	1.0	13

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19	Recent Insights Into the Protective Mechanisms of Paeoniflorin in Neurological, Cardiovascular, and Renal Diseases. Journal of Cardiovascular Pharmacology, 2021, 77, 728-734.	0.8	20
20	Vascular contributions to cognitive impairment and dementia: the emerging role of 20-HETE. Clinical Science, 2021, 135, 1929-1944.	1.8	11
21	Abstract 35: Gamma Adducin Dysfunction Leads To Cerebrovascular Distention, Blood Brain Barrier Leakage, And Cognitive Deficits In The Fawn-hooded Hypertensive Rats. Hypertension, 2021, 78, .	1.3	4
22	Genetic susceptibility of hypertensionâ€induced kidney disease. Physiological Reports, 2021, 9, e14688.	0.7	15
23	Capillary Stalling: A Mechanism of Decreased Cerebral Blood Flow in AD/ADRD. , 2021, 2, 149-153.		12
24	DMOG, a Prolyl Hydroxylase Inhibitor, Increases Hemoglobin Levels without Exacerbating Hypertension and Renal Injury in Salt-Sensitive Hypertensive Rats. Journal of Pharmacology and Experimental Therapeutics, 2020, 372, 166-174.	1.3	13
25	20-HETE Enzymes and Receptors in the Neurovascular Unit: Implications in Cerebrovascular Disease. Frontiers in Neurology, 2020, 11, 983.	1.1	28
26	Aging exacerbates impairments of cerebral blood flow autoregulation and cognition in diabetic rats. GeroScience, 2020, 42, 1387-1410.	2.1	40
27	Impaired renal hemodynamics and glomerular hyperfiltration contribute to hypertension-induced renal injury. American Journal of Physiology - Renal Physiology, 2020, 319, F624-F635.	1.3	13
28	Effects of an SGLT2 inhibitor on cognition in diabetes involving amelioration of deep cortical cerebral blood flow autoregulation and pericyte function. Alzheimer's and Dementia, 2020, 16, e037056.	0.4	1
29	Eicosanoid Profiles in the Vitreous Humor of Patients with Proliferative Diabetic Retinopathy. International Journal of Molecular Sciences, 2020, 21, 7451.	1.8	12
30	A Mutation in Î³-Adducin Impairs Autoregulation of Renal Blood Flow and Promotes the Development of Kidney Disease. Journal of the American Society of Nephrology: JASN, 2020, 31, 687-700.	3.0	23
31	Sex differences in the structure and function of rat middle cerebral arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H1219-H1232.	1.5	30
32	Accelerated cerebral vascular injury in diabetes is associated with vascular smooth muscle cell dysfunction. GeroScience, 2020, 42, 547-561.	2.1	41
33	Influence of dualâ€specificity protein phosphatase 5 on mechanical properties of rat cerebral and renal arterioles. Physiological Reports, 2020, 8, e14345.	0.7	20
34	Abstract WP498: Impaired Pericyte Constriction and Cerebral Blood Flow Autoregulationin Diabetes. Stroke, 2020, 51, .	1.0	5
35	Duration and magnitude of bidirectional fluctuation in blood pressure: the link between cerebrovascular dysfunction and cognitive impairment following spinal cord injury. Journal of Neurobiology and Physiology, 2020, 2, 15-18.	1.0	1
36	Conflicting Roles of 20-HETE in Hypertension and Stroke. International Journal of Molecular Sciences, 2019, 20, 4500.	1.8	32

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37	Knockout of Dual-Specificity Protein Phosphatase 5 Protects Against Hypertension-Induced Renal Injury. Journal of Pharmacology and Experimental Therapeutics, 2019, 370, 206-217.	1.3	21
38	Visualization of the intrarenal distribution of capillary blood flow. Physiological Reports, 2019, 7, e14065.	0.7	7
39	The angiotensin II type I receptor contributes to impaired cerebral blood flow autoregulation caused by placental ischemia in pregnant rats. Biology of Sex Differences, 2019, 10, 58.	1.8	14
40	Increased Renal Expression of Adhesion Molecules and Inflammation in Diabetic Nephropathy. FASEB Journal, 2019, 33, 573.7.	0.2	2
41	Excessive salt consumption increases susceptibility to cerebrovascular dysfunction and cognitive impairments in the elderly of both sexes. FASEB Journal, 2019, 33, 511.7.	0.2	0
42	Hypertensionâ€Induced Renal Injury is Associated with Impaired Glomerular Barrier Function Involving Podocyte Dysfunction. FASEB Journal, 2019, 33, 573.9.	0.2	0
43	Localization of the CYP4A Enzymes that Produce 20â€HETE and the 20â€HETE Receptor in the Brain. FASEB Journal, 2019, 33, 500.12.	0.2	0
44	Genetic Susceptibility to Hypertension-Induced Renal Injury. Hypertension, 2018, 71, 559-560.	1.3	4
45	Inflammation and renal fibrosis: Recent developments on key signaling molecules as potential therapeutic targets. European Journal of Pharmacology, 2018, 820, 65-76.	1.7	219
46	Diffusion-weighted 7.0T Magnetic Resonance Imaging in Assessment of Intervertebral Disc Degeneration in Rats. Chinese Medical Journal, 2018, 131, 63-68.	0.9	9
47	Enhanced renal ischemia-reperfusion injury in aging and diabetes. American Journal of Physiology - Renal Physiology, 2018, 315, F1843-F1854.	1.3	22
48	Inhibition of prolyl hydroxylases alters cell metabolism and reverses pre-existing diastolic dysfunction in mice. International Journal of Cardiology, 2018, 272, 281-287.	0.8	17
49	20-HETE. Hypertension, 2018, 72, 12-18.	1.3	50
50	Oxidative Stress and Renal Fibrosis: Recent Insights for the Development of Novel Therapeutic Strategies. Frontiers in Physiology, 2018, 9, 105.	1.3	102
51	Downâ€Regulation of Gammaâ€Adducin Disrupts the Actin Cytoskeleton in FHH rats and May Contribute to the Development of Hypertensionâ€Induced Renal Injury. FASEB Journal, 2018, 32, 721.10.	0.2	3
52	Down Regulation of Add3 in Astrocytes Disrupts the Actin Cytoskeleton in Association with Decreasing Small Molecule Uptake and May Contribute to Cognitive Deficits in FHH rats. FASEB Journal, 2018, 32, 697.10.	0.2	1
53	Upregulation of 20-HETE Synthetic Cytochrome P450 Isoforms by Oxygenâ€“Glucose Deprivation in Cortical Neurons. Cellular and Molecular Neurobiology, 2017, 37, 1279-1286.	1.7	18
54	Knockdown of Add3 impairs the myogenic response of renal afferent arterioles and middle cerebral arteries. American Journal of Physiology - Renal Physiology, 2017, 312, F971-F981.	1.3	38

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55	GPR75 Identified as the First 20-HETE Receptor. Circulation Research, 2017, 120, 1696-1698.	2.0	23
56	Endothelial specific SIRT3 deletion impairs glycolysis and angiogenesis and causes diastolic dysfunction. Journal of Molecular and Cellular Cardiology, 2017, 112, 104-113.	0.9	78
57	Effect of Cytochrome P450 Metabolites of Arachidonic Acid in Nephrology. Journal of the American Society of Nephrology: JASN, 2017, 28, 2845-2855.	3.0	71
58	Elevated K⁺ channel activity opposes vasoconstrictor response to serotonin in cerebral arteries of the Fawn Hooded Hypertensive rat. Physiological Genomics, 2017, 49, 27-36.	1.0	9
59	Impaired myogenic response of the afferent arteriole contributes to the increased susceptibility to renal disease in Milan normotensive rats. Physiological Reports, 2017, 5, e13089.	0.7	14
60	Menopause and Ischemic Stroke: A Brief Review. MOJ Toxicology, 2017, 3, .	0.2	14
61	Cerebral Autoregulation in Hypertension and Ischemic Stroke: A Mini Review. , 2017, 2017, 21-27.		27
62	Molecular mechanisms and cell signaling of 20-hydroxyeicosatetraenoic acid in vascular pathophysiology. Frontiers in Bioscience - Landmark, 2016, 21, 1427-1463.	3.0	75
63	Expression of CYP 4A Ï‰-hydroxylase and formation of 20-hydroxyeicosatetreanoic acid (20-HETE) in cultured rat brain astrocytes. Prostaglandins and Other Lipid Mediators, 2016, 124, 16-26.	1.0	24
64	Intrarenal Reninâ€“Angiotensin System. Hypertension, 2016, 67, 831-833.	1.3	12
65	Macula Densa Nitric Oxide Synthase 1Î² Protects against Salt-Sensitive Hypertension. Journal of the American Society of Nephrology: JASN, 2016, 27, 2346-2356.	3.0	55
66	Loss of prolyl hydroxylase domain protein 2 in vascular endothelium increases pericyte coverage and promotes pulmonary arterial remodeling. Oncotarget, 2016, 7, 58848-58861.	0.8	33
67	Is Beta-Amyloid Accumulation a Cause or Consequence of Alzheimer's Disease?. , 2016, 1, .		13
68	Renoprotective effects of combined SGLT2 and ACE inhibitor therapy in diabetic Dahl S rats. Physiological Reports, 2015, 3, e12436.	0.7	51
69	Fluorescence dilution technique for measurement of albumin reflection coefficient in isolated glomeruli. American Journal of Physiology - Renal Physiology, 2015, 309, F1049-F1059.	1.3	15
70	Shear stress blunts tubuloglomerular feedback partially mediated by primary cilia and nitric oxide at the macula densa. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R757-R766.	0.9	17
71	Identification and function of adenosine A₃ receptor in afferent arterioles. American Journal of Physiology - Renal Physiology, 2015, 308, F1020-F1025.	1.3	16
72	Impaired myogenic response and autoregulation of cerebral blood flow is rescued in CYP4A1 transgenic Dahl salt-sensitive rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R379-R390.	0.9	55

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73	Elevated Aminopeptidase P Attenuates Cerebral Arterial Responses to Bradykinin in Fawn-Hooded Hypertensive Rats. PLoS ONE, 2015, 10, e0145335.	1.1	1
74	Impaired myogenic responses of the Afâ€Art contributes to chronic kidney disease in Milan Normotensive rats. FASEB Journal, 2015, 29, 811.17.	0.2	0
75	Molecular Mechanisms of Renal Blood Flow Autoregulation. Current Vascular Pharmacology, 2014, 12, 845-858.	0.8	117
76	Urinary CYP eicosanoid excretion correlates with glomerular filtration in African-Americans with chronic kidney disease. Prostaglandins and Other Lipid Mediators, 2014, 113-115, 45-51.	1.0	24
77	Placental ischemia in pregnant rats impairs cerebral blood flow autoregulation and increases blood-brain barrier permeability. Physiological Reports, 2014, 2, e12134.	0.7	75
78	Sex differences in blood pressure control in SHR: lack of a role for EETs. Physiological Reports, 2014, 2, e12022.	0.7	9
79	Role of 20-HETE in the impaired myogenic and TGF responses of the Af-Art of Dahl salt-sensitive rats. American Journal of Physiology - Renal Physiology, 2014, 307, F509-F515.	1.3	33
80	Enhanced large conductance K⁺channel activity contributes to the impaired myogenic response in the cerebral vasculature of Fawn Hooded Hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H989-H1000.	1.5	23
81	Zinc-Finger Nuclease Knockout of Dual-Specificity Protein Phosphatase-5 Enhances the Myogenic Response and Autoregulation of Cerebral Blood Flow in FHH.1BN Rats. PLoS ONE, 2014, 9, e112878.	1.1	39
82	Endogenously produced 20-HETE modulates myogenic and TGF response in microperfused afferent arterioles. Prostaglandins and Other Lipid Mediators, 2013, 102-103, 42-48.	1.0	29
83	Effects of a New SGLT2 Inhibitor, Luseogliflozin, on Diabetic Nephropathy in T2DN Rats. Journal of Pharmacology and Experimental Therapeutics, 2013, 345, 464-472.	1.3	132
84	Genetic basis of the impaired renal myogenic response in FHH rats. American Journal of Physiology - Renal Physiology, 2013, 304, F565-F577.	1.3	28
85	Identification of a region of rat chromosome 1 that impairs the myogenic response and autoregulation of cerebral blood flow in fawn-hooded hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H311-H317.	1.5	18
86	20-Hydroxyeicosatetraenoic Acid Inhibition Attenuates Balloon Injury-Induced Neointima Formation and Vascular Remodeling in Rat Carotid Arteries. Journal of Pharmacology and Experimental Therapeutics, 2013, 346, 67-74.	1.3	36
87	20-Hydroxyeicosatetraenoic Acid Contributes to the Inhibition of K+ Channel Activity and Vasoconstrictor Response to Angiotensin II in Rat Renal Microvessels. PLoS ONE, 2013, 8, e82482.	1.1	54
88	Using the T2DN rat as a model to determine therapeutic efficacy of Serelaxin (recombinant human) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	0
89	Macula Densa NOS1 Protects Against Acute Kidney Injury (AKI) Mediated by Primary Cilia. FASEB Journal, 2013, 27, 910.8.	0.2	0
90	Increases in renal medullary 20â€HETE formation oppose the development of hypertension and improves pressure natriuresis in CYP4A1 transgenic Dahl S rats. FASEB Journal, 2013, 27, 1115.3.	0.2	2

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91	Role of 20â€HETE in neuronal signaling and contribution to neonatal hypoxicâ€ischemic encephalopathy. FASEB Journal, 2012, 26, 711.4.	0.2	0
92	The Reduction of Renal Injury in Diabetic Dahl Saltâ€sensitive Rats with Insulin is Associated with Decreased MMP Activity. FASEB Journal, 2012, 26, 687.3.	0.2	0
93	Increased MMPâ€9 Activity During the Progression of Renal Injury in Typeâ€2 Diabetic Nephropathy rats. FASEB Journal, 2012, 26, 687.4.	0.2	0
94	Upregulation of renal medullary 20â€HETE production opposes the development of hypertension in Sleeping Beauty Transposon CYP4A1 transgenic Dahl S rats. FASEB Journal, 2012, 26, .	0.2	2
95	20-HETE in acute kidney injury. Kidney International, 2011, 79, 10-13.	2.6	20
96	Temporal characterization of the development of renal injury in FHH rats and FHH.1^{BN}congenic strains. American Journal of Physiology - Renal Physiology, 2011, 300, F330-F338.	1.3	19
97	The progression of diabetesâ€induced renal injury in Dahl saltâ€sensitive rats. FASEB Journal, 2011, 25, 664.7.	0.2	0
98	20-Hydroxyeicosatetraeonic Acid: A New Target for the Treatment of Hypertension. Journal of Cardiovascular Pharmacology, 2010, 56, 336-344.	0.8	154
99	Effects of cytochrome P450 metabolites of arachidonic acid on the epithelial sodium channel (ENaC). FASEB Journal, 2010, 24, 611.3.	0.2	0
100	Role of 20â€HETE in Differential Effects of High Salt Diet on Resistance Artery Function in Dahl Saltâ€Sensitive (SS) Rats and SSâ€5BN Consomic Rats. FASEB Journal, 2010, 24, 976.6.	0.2	0
101	Effect of 20-HETE Inhibition on Infarct Volume and Cerebral Blood Flow after Transient Middle Cerebral Artery Occlusion. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 629-639.	2.4	91
102	Dilutional fluorescent method to measure glomerular albumin reflection coefficient (dÏƒAlb) in vitro. FASEB Journal, 2009, 23, .	0.2	0
103	Elevated production of 20-HETE in the cerebral vasculature contributes to severity of ischemic stroke and oxidative stress in spontaneously hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H2455-H2465.	1.5	126
104	Interaction of nitric oxide, 20-HETE, and EETs during functional hyperemia in whisker barrel cortex. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H619-H631.	1.5	67
105	Molecular changes in the cytochrome P450 4A isoforms in the Sprague Dawley rat kidney following ischemia/reperfusion. FASEB Journal, 2008, 22, 730.10.	0.2	0
106	Overexpression of CYP4A1â€20â€HETE in U251 Glioma Cell Induces Hyperproliferative Phenotypes in vitro and in vivo. FASEB Journal, 2008, 22, 1136.13.	0.2	0
107	Activation of Vascular Endothelial Growth Factor through Reactive Oxygen Species Mediates 20-Hydroxyeicosatetraenoic Acid-Induced Endothelial Cell Proliferation. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 18-27.	1.3	103
108	Functional polymorphism in human CYP4F2 decreases 20-HETE production. Physiological Genomics, 2007, 30, 74-81.	1.0	131

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109	Chromosomal mapping of the genetic basis of hypertension and renal disease in FHH rats. American Journal of Physiology - Renal Physiology, 2007, 293, F1905-F1914.	1.3	42
110	Effect of cellâ€free hemoglobin transfusion and 20â€HETE synthesis inhibition on pial arteriolar diameter during middle cerebral artery occlusion. FASEB Journal, 2007, 21, A1274.	0.2	0
111	Protective effect of 20â€HETE inhibition on infarct volume following temporary middle cerebral artery occlusion is not associated with changes in cerebral blood flow. FASEB Journal, 2007, 21, A1383.	0.2	0
112	Highâ€Throughput Production and Phenotyping of Rat Knockout Models for Hypertension. FASEB Journal, 2007, 21, A1236.	0.2	0
113	Cerebral vascular cytochrome Pâ€450 4A enzyme activity and expression are elevated in a genetic model of stroke. FASEB Journal, 2007, 21, A1383.	0.2	0
114	Evidence that 20-HETE contributes to the development of acute and delayed cerebral vasospasm. Neurological Research, 2006, 28, 738-749.	0.6	64
115	Identification of a QTL on chromosome 1 for impaired autoregulation of RBF in fawn-hooded hypertensive rats. American Journal of Physiology - Renal Physiology, 2006, 290, F1213-F1221.	1.3	34
116	Eicosanoid profiling in cerebral vessels and brain of WKY, SHR, and SHRâ€SP rats. FASEB Journal, 2006, 20, A731.	0.2	0
117	Efficient transgenic rat production by a lentiviral vector. FASEB Journal, 2006, 20, A407.	0.2	0
118	Interaction of nitric oxide and 20â€HETE during cortical functional hyperemia. FASEB Journal, 2006, 20, A730.	0.2	0
119	Substitution of chromosome 1 ameliorates l-NAME hypertension and renal disease in the fawn-hooded hypertensive rat. American Journal of Physiology - Renal Physiology, 2005, 288, F1015-F1022.	1.3	31
120	Initial Characterization of a Rat Model of Diabetic Nephropathy. Diabetes, 2004, 53, 735-742.	0.3	74
121	Contribution of 5-Hydroxytryptamine1BReceptors and 20-Hydroxyeiscosatetraenoic Acid to Fall in Cerebral Blood Flow After Subarachnoid Hemorrhage. Stroke, 2003, 34, 1269-1275.	1.0	89
122	CYP4A metabolites of arachidonic acid and VEGF are mediators of skeletal muscle angiogenesis. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H1528-H1535.	1.5	73
123	P-450 Metabolites of Arachidonic Acid in the Control of Cardiovascular Function. Physiological Reviews, 2002, 82, 131-185.	13.1	1,235
124	Abnormal pressure-natriuresis in hypertension: role of cytochrome P450 metabolites of arachidonic acid. American Journal of Hypertension, 2001, 14, S90-S97.	1.0	63
125	Effects of converting enzyme inhibitors on renalP-450 metabolism of arachidonic acid. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R822-R830.	0.9	15
126	Role of guanylyl cyclase and cytochrome P-450 on renal response to nitric oxide. American Journal of Physiology - Renal Physiology, 2001, 281, F420-F427.	1.3	27

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127	20-HETE modulates myogenic response of skeletal muscle resistance arteries from hypertensive Dahl-SS rats. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H1066-H1074.	1.5	43
128	20â€HETE Contributes to Myogenic Activation of Skeletal Muscle Resistance Arteries in Brown Norway and Sprague â€Dawley Rats. Microcirculation, 2001, 8, 45-55.	1.0	27
129	Altered Mechanisms Underlying Hypoxic Dilation of Skeletal Muscle Resistance Arteries of Hypertensive versus Normotensive Dahl Rats. Microcirculation, 2001, 8, 115-127.	1.0	32
130	Differential Effect of Cytochrome Pâ€450 Ï‰â€Hydroxylase Inhibition on O₂â€Induced Constriction of Arterioles in SHR With Early and Established Hypertension. Microcirculation, 2001, 8, 435-443.	1.0	18
131	Brown Norway Chromosome 13 Confers Protection From High Salt to Consomic Dahl S Rat. Hypertension, 2001, 37, 456-461.	1.3	194
132	Renin Gene Transfer Restores Angiogenesis and Vascular Endothelial Growth Factor Expression in Dahl S Rats. Hypertension, 2001, 37, 386-390.	1.3	55
133	20-HETE Contributes to Myogenic Activation of Skeletal Muscle Resistance Arteries in Brown Norway and Sprague-Dawley Rats. Microcirculation, 2001, 8, 45-55.	1.0	6
134	Renal And Cardiovascular Actions Of 20-Hydroxyeicosatetraenoic Acid And Epoxyeicosatrienoic Acids. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 855-865.	0.9	114
135	Role of cGMP versus 20-HETE in the vasodilator response to nitric oxide in rat cerebral arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H339-H350.	1.5	86
136	Fluorescent HPLC assay for 20-HETE and other P-450 metabolites of arachidonic acid. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H863-H871.	1.5	47
137	Genetically defined risk of salt sensitivity in an intercross of Brown Norway and Dahl S rats. Physiological Genomics, 2000, 2, 107-115.	1.0	78
138	Transfer of Brown Norway Rat Chromosome 13 into Dahl S Genomic Background Confers Protection from High Salt Diet. Hypertension, 2000, 36, 717-717.	1.3	1
139	Impaired autoregulation of renal blood flow in the fawn-hooded rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R189-R196.	0.9	37
140	Altered renal hemodynamics and impaired myogenic responses in the fawn-hooded rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R855-R863.	0.9	51
141	Regulation ofP-450 4A activity in the glomerulus of the rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1749-R1757.	0.9	30
142	20-HETE agonists and antagonists in the renal circulation. American Journal of Physiology - Renal Physiology, 1999, 277, F790-F796.	1.3	75
143	Cytochrome P-450 Ï‰-hydroxylase senses O2 in hamster muscle, but not cheek pouch epithelium, microcirculation. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H503-H508.	1.5	35
144	P-450 Eicosanoids: A Novel Signaling Pathway Regulating Renal Function. Physiology, 1999, 14, 238-242.	1.6	13

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145	Electrical and mechanical responses of rat middle cerebral arteries to reduced P O 2 and prostacyclin. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H509-H516.	1.5	55
146	Role of 20-HETE in Elevating Chloride Transport in the Thick Ascending Limb of Dahl SS/Jr Rats. Hypertension, 1999, 33, 419-423.	1.3	93
147	Cytochrome P-450 arachidonate metabolite inhibition improves renal function in Lyon hypertensive rats. American Journal of Hypertension, 1999, 12, 398-404.	1.0	16
148	Lovastatin reduces renal vascular reactivity in spontaneously hypertensive ratsâ˜†. American Journal of Hypertension, 1998, 11, 1222-1231.	1.0	25
149	Nitric Oxide-20â€“Hydroxyeicosatetraenoic Acid Interaction in the Regulation of K ⁺ Channel Activity and Vascular Tone in Renal Arterioles. Circulation Research, 1998, 83, 1069-1079.	2.0	162
150	Effects of Intrarenal Infusion of 17-Octadecynoic Acid on Renal Antihypertensive Mechanisms in Anesthetized Rabbits. American Journal of Hypertension, 1998, 11, 803-812.	1.0	10
151	Contribution of 20-HETE to the vasodilator actions of nitric oxide in renal arteries. American Journal of Physiology - Renal Physiology, 1998, 275, F370-F378.	1.3	58
152	Localization of cytochromeP-450 4A isoforms along the rat nephron. American Journal of Physiology - Renal Physiology, 1998, 274, F395-F404.	1.3	64
153	Renal P450 Metabolites of Arachidonic Acid and the Development of Hypertension in Dahl Salt-Sensitive Rats. American Journal of Hypertension, 1997, 10, 63S-67S.	1.0	56
154	Reversal of Microvascular Rarefaction and Reduced Renal Mass Hypertension. Hypertension, 1997, 30, 120-127.	1.3	47
155	Lovastatin Prevents Development of Hypertension in Spontaneously Hypertensive Rats. Hypertension, 1997, 30, 968-974.	1.3	67
156	Cytochrome P4504A Genotype Cosegregates With Hypertension in Dahl S Rats. Hypertension, 1996, 27, 564-568.	1.3	62
157	Role of 20-HETE in Elevating Loop Chloride Reabsorption in Dahl SS/Jr Rats. Hypertension, 1996, 27, 631-635.	1.3	67
158	Molecular Characterization of an Arachidonic Acid Epoxygenase in Rat Brain Astrocytes. Stroke, 1996, 27, 971-979.	1.0	176
159	The Renal Medulla and Hypertension. Hypertension, 1995, 25, 663-673.	1.3	184
160	Energy-dispersive X-ray microanalysis of aqueous biologic samples on bulk supports. Journal of Electron Microscopy Technique, 1984, 1, 141-150.	1.1	3