

Richard J Roman

List of Publications by Year in descending order

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Version: 2024-02-01

160
papers

6,830
citations

57758

44
h-index

69250

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?. <i>GeroScience</i> , 2022, 44, 127-130.	4.6	25
2	Traumatic brain injury induced by exposure to blast overpressure via ear canal. <i>Neural Regeneration Research</i> , 2022, 17, 115.	3.0	2
3	The adducin saga: pleiotropic genomic targets for precision medicine in human hypertension—vascular, renal, and cognitive diseases. <i>Physiological Genomics</i> , 2022, 54, 58-70.	2.3	5
4	Luseogliflozin, a sodium-glucose cotransporter-2 inhibitor, reverses cerebrovascular dysfunction and cognitive impairments in 18-mo-old diabetic animals. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H246-H259.	3.2	12
5	Contribution of cerebral microvascular mechanisms to age-related cognitive impairment and dementia. <i>Physiology International</i> , 2022, 109, 20-30.	1.6	10
6	Contribution of Beta-amyloid Accumulation to Cerebral Hypoperfusion in Alzheimer's Disease. <i>FASEB Journal</i> , 2022, 36, .	0.5	2
7	Optimization of Renal Delivery of an MMP2-inhibitory Peptide Delivered Using the Elastin-like Polypeptide Carrier. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
8	From 1901 to 2022, how far are we from truly understanding the pathogenesis of age-related dementia?. <i>GeroScience</i> , 2022, 44, 1879-1883.	4.6	22
9	Renoprotective effects of empagliflozin in type 1 and type 2 models of diabetic nephropathy superimposed with hypertension. <i>GeroScience</i> , 2022, 44, 2845-2861.	4.6	7
10	Increased Levels of Renal Lysophosphatidic Acid in Rodent Models with Renal Disease. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 376, 240-249.	2.5	4
11	Reduced pericyte and tight junction coverage in old diabetic rats are associated with hyperglycemia-induced cerebrovascular pericyte dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H549-H562.	3.2	35
12	Role of β -adducin in actin cytoskeleton rearrangements in podocyte pathophysiology. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F97-F113.	2.7	9
13	Knockout of β -Adducin Promotes N ^G -Nitro-L-Arginine-Methyl-Ester-Induced Hypertensive Renal Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 377, 189-198.	2.5	6
14	Novel Mechanistic Insights and Potential Therapeutic Impact of TRPC6 in Neurovascular Coupling and Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2074.	4.1	32
15	Reversal of cerebral hypoperfusion: a novel therapeutic target for the treatment of AD/ADRD?. <i>GeroScience</i> , 2021, 43, 1065-1067.	4.6	14
16	Aging diabetes, deconstructing the cerebrovascular wall. <i>Aging</i> , 2021, 13, 9158-9159.	3.1	11
17	A Biopolymer-delivered MMP-2 Inhibitory for Treatment of Renal Fibrosis. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
18	20-HETE-promoted cerebral blood flow autoregulation is associated with enhanced pericyte contractility. <i>Prostaglandins and Other Lipid Mediators</i> , 2021, 154, 106548.	1.9	13

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19	Recent Insights Into the Protective Mechanisms of Paeoniflorin in Neurological, Cardiovascular, and Renal Diseases. <i>Journal of Cardiovascular Pharmacology</i> , 2021, 77, 728-734.	1.9	20
20	Vascular contributions to cognitive impairment and dementia: the emerging role of 20-HETE. <i>Clinical Science</i> , 2021, 135, 1929-1944.	4.3	11
21	Abstract 35: Gamma Adducin Dysfunction Leads To Cerebrovascular Distention, Blood Brain Barrier Leakage, And Cognitive Deficits In The Fawn-hooded Hypertensive Rats. <i>Hypertension</i> , 2021, 78, .	2.7	4
22	Genetic susceptibility of hypertension-induced kidney disease. <i>Physiological Reports</i> , 2021, 9, e14688.	1.7	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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 372, 166-174.	2.5	13
25	20-HETE Enzymes and Receptors in the Neurovascular Unit: Implications in Cerebrovascular Disease. <i>Frontiers in Neurology</i> , 2020, 11, 983.	2.4	28
26	Ageing exacerbates impairments of cerebral blood flow autoregulation and cognition in diabetic rats. <i>GeroScience</i> , 2020, 42, 1387-1410.	4.6	40
27	Impaired renal hemodynamics and glomerular hyperfiltration contribute to hypertension-induced renal injury. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, F624-F635.	2.7	13
28	Effects of an SGLT2 inhibitor on cognition in diabetes involving amelioration of deep cortical cerebral blood flow autoregulation and pericyte function. <i>Alzheimer's and Dementia</i> , 2020, 16, e037056.	0.8	1
29	Eicosanoid Profiles in the Vitreous Humor of Patients with Proliferative Diabetic Retinopathy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7451.	4.1	12
30	A Mutation in β -Adducin Impairs Autoregulation of Renal Blood Flow and Promotes the Development of Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 687-700.	6.1	23
31	Sex differences in the structure and function of rat middle cerebral arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1219-H1232.	3.2	30
32	Accelerated cerebral vascular injury in diabetes is associated with vascular smooth muscle cell dysfunction. <i>GeroScience</i> , 2020, 42, 547-561.	4.6	41
33	Influence of dual-specificity protein phosphatase 5 on mechanical properties of rat cerebral and renal arterioles. <i>Physiological Reports</i> , 2020, 8, e14345.	1.7	20
34	Abstract WP498: Impaired Pericyte Constriction and Cerebral Blood Flow Autoregulation in Diabetes. <i>Stroke</i> , 2020, 51, .	2.0	5
35	Duration and magnitude of bidirectional fluctuation in blood pressure: the link between cerebrovascular dysfunction and cognitive impairment following spinal cord injury. <i>Journal of Neurobiology and Physiology</i> , 2020, 2, 15-18.	1.0	1
36	Conflicting Roles of 20-HETE in Hypertension and Stroke. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4500.	4.1	32

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37	Knockout of Dual-Specificity Protein Phosphatase 5 Protects Against Hypertension-Induced Renal Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 206-217.	2.5	21
38	Visualization of the intrarenal distribution of capillary blood flow. <i>Physiological Reports</i> , 2019, 7, e14065.	1.7	7
39	The angiotensin II type I receptor contributes to impaired cerebral blood flow autoregulation caused by placental ischemia in pregnant rats. <i>Biology of Sex Differences</i> , 2019, 10, 58.	4.1	14
40	Increased Renal Expression of Adhesion Molecules and Inflammation in Diabetic Nephropathy. <i>FASEB Journal</i> , 2019, 33, 573.7.	0.5	2
41	Excessive salt consumption increases susceptibility to cerebrovascular dysfunction and cognitive impairments in the elderly of both sexes. <i>FASEB Journal</i> , 2019, 33, 511.7.	0.5	0
42	Hypertension-Induced Renal Injury is Associated with Impaired Glomerular Barrier Function Involving Podocyte Dysfunction. <i>FASEB Journal</i> , 2019, 33, 573.9.	0.5	0
43	Localization of the CYP4A Enzymes that Produce 20-HETE and the 20-HETE Receptor in the Brain. <i>FASEB Journal</i> , 2019, 33, 500.12.	0.5	0
44	Genetic Susceptibility to Hypertension-Induced Renal Injury. <i>Hypertension</i> , 2018, 71, 559-560.	2.7	4
45	Inflammation and renal fibrosis: Recent developments on key signaling molecules as potential therapeutic targets. <i>European Journal of Pharmacology</i> , 2018, 820, 65-76.	3.5	219
46	Diffusion-weighted 7.0T Magnetic Resonance Imaging in Assessment of Intervertebral Disc Degeneration in Rats. <i>Chinese Medical Journal</i> , 2018, 131, 63-68.	2.3	9
47	Enhanced renal ischemia-reperfusion injury in aging and diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1843-F1854.	2.7	22
48	Inhibition of prolyl hydroxylases alters cell metabolism and reverses pre-existing diastolic dysfunction in mice. <i>International Journal of Cardiology</i> , 2018, 272, 281-287.	1.7	17
49	20-HETE. <i>Hypertension</i> , 2018, 72, 12-18.	2.7	50
50	Oxidative Stress and Renal Fibrosis: Recent Insights for the Development of Novel Therapeutic Strategies. <i>Frontiers in Physiology</i> , 2018, 9, 105.	2.8	102
51	Down-Regulation of Gamma-Adducin Disrupts the Actin Cytoskeleton in FHH rats and May Contribute to the Development of Hypertension-Induced Renal Injury. <i>FASEB Journal</i> , 2018, 32, 721.10.	0.5	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. <i>FASEB Journal</i> , 2018, 32, 697.10.	0.5	1
53	Upregulation of 20-HETE Synthetic Cytochrome P450 Isoforms by Oxygen-Glucose Deprivation in Cortical Neurons. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 1279-1286.	3.3	18
54	Knockdown of Add3 impairs the myogenic response of renal afferent arterioles and middle cerebral arteries. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F971-F981.	2.7	38

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55	GPR75 Identified as the First 20-HETE Receptor. <i>Circulation Research</i> , 2017, 120, 1696-1698.	4.5	23
56	Endothelial specific SIRT3 deletion impairs glycolysis and angiogenesis and causes diastolic dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 104-113.	1.9	78
57	Effect of Cytochrome P450 Metabolites of Arachidonic Acid in Nephrology. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2845-2855.	6.1	71
58	Elevated K^{+} channel activity opposes vasoconstrictor response to serotonin in cerebral arteries of the Fawn Hooded Hypertensive rat. <i>Physiological Genomics</i> , 2017, 49, 27-36.	2.3	9
59	Impaired myogenic response of the afferent arteriole contributes to the increased susceptibility to renal disease in Milan normotensive rats. <i>Physiological Reports</i> , 2017, 5, e13089.	1.7	14
60	Menopause and Ischemic Stroke: A Brief Review. <i>MOJ Toxicology</i> , 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. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 1427-1463.	3.0	75
63	Expression of CYP 4A ω -hydroxylase and formation of 20-hydroxyeicosatetraenoic acid (20-HETE) in cultured rat brain astrocytes. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 124, 16-26.	1.9	24
64	Intrarenal Renin-Angiotensin System. <i>Hypertension</i> , 2016, 67, 831-833.	2.7	12
65	Macula Densa Nitric Oxide Synthase 1 β Protects against Salt-Sensitive Hypertension. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2346-2356.	6.1	55
66	Loss of prolyl hydroxylase domain protein 2 in vascular endothelium increases pericyte coverage and promotes pulmonary arterial remodeling. <i>Oncotarget</i> , 2016, 7, 58848-58861.	1.8	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. <i>Physiological Reports</i> , 2015, 3, e12436.	1.7	51
69	Fluorescence dilution technique for measurement of albumin reflection coefficient in isolated glomeruli. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F1049-F1059.	2.7	15
70	Shear stress blunts tubuloglomerular feedback partially mediated by primary cilia and nitric oxide at the macula densa. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R757-R766.	1.8	17
71	Identification and function of adenosine A_{3} receptor in afferent arterioles. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F1020-F1025.	2.7	16
72	Impaired myogenic response and autoregulation of cerebral blood flow is rescued in CYP4A1 transgenic Dahl salt-sensitive rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R379-R390.	1.8	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.	2.5	1
74	Impaired myogenic responses of the Afferent arteriole contributes to chronic kidney disease in Milan Normotensive rats. FASEB Journal, 2015, 29, 811.17.	0.5	0
75	Molecular Mechanisms of Renal Blood Flow Autoregulation. Current Vascular Pharmacology, 2014, 12, 845-858.	1.7	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.	1.9	24
77	Placental ischemia in pregnant rats impairs cerebral blood flow autoregulation and increases blood-brain barrier permeability. Physiological Reports, 2014, 2, e12134.	1.7	75
78	Sex differences in blood pressure control in SHR: lack of a role for EETs. Physiological Reports, 2014, 2, e12022.	1.7	9
79	Role of 20-HETE in the impaired myogenic and TGF responses of the Afferent Arteriole of Dahl salt-sensitive rats. American Journal of Physiology - Renal Physiology, 2014, 307, F509-F515.	2.7	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.	3.2	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.	2.5	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.	1.9	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.	2.5	132
84	Genetic basis of the impaired renal myogenic response in FHH rats. American Journal of Physiology - Renal Physiology, 2013, 304, F565-F577.	2.7	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.	3.2	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.	2.5	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.	2.5	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 50	0.5	0
89	Macula Densa NOS1 Protects Against Acute Kidney Injury (AKI) Mediated by Primary Cilia. FASEB Journal, 2013, 27, 910.8.	0.5	0
90	Increases in renal medullary 20-HETE formation oppose the development of hypertension and improves pressure natriuresis in CYP4A1 transgenic Dahl S rats. FASEB Journal, 2013, 27, 1115.3.	0.5	2

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91	Role of 20-HETE in neuronal signaling and contribution to neonatal hypoxic-ischemic encephalopathy. FASEB Journal, 2012, 26, 711.4.	0.5	0
92	The Reduction of Renal Injury in Diabetic Dahl Salt-sensitive Rats with Insulin is Associated with Decreased MMP Activity. FASEB Journal, 2012, 26, 687.3.	0.5	0
93	Increased MMP-9 Activity During the Progression of Renal Injury in Type-2 Diabetic Nephropathy rats. FASEB Journal, 2012, 26, 687.4.	0.5	0
94	Upregulation of renal medullary 20-HETE production opposes the development of hypertension in Sleeping Beauty Transposon CYP4A1 transgenic Dahl S rats. FASEB Journal, 2012, 26, .	0.5	2
95	20-HETE in acute kidney injury. Kidney International, 2011, 79, 10-13.	5.2	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.	2.7	19
97	The progression of diabetes-induced renal injury in Dahl salt-sensitive rats. FASEB Journal, 2011, 25, 664.7.	0.5	0
98	20-Hydroxyeicosatetraenoic Acid: A New Target for the Treatment of Hypertension. Journal of Cardiovascular Pharmacology, 2010, 56, 336-344.	1.9	154
99	Effects of cytochrome P450 metabolites of arachidonic acid on the epithelial sodium channel (ENaC). FASEB Journal, 2010, 24, 611.3.	0.5	0
100	Role of 20-HETE in Differential Effects of High Salt Diet on Resistance Artery Function in Dahl Salt-sensitive (SS) Rats and SS ^{BN} Consomic Rats. FASEB Journal, 2010, 24, 976.6.	0.5	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.	4.3	91
102	Dilutional fluorescent method to measure glomerular albumin reflection coefficient (d _f Alb) in vitro. FASEB Journal, 2009, 23, .	0.5	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.	3.2	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.	3.2	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.	0.5	0
106	Overexpression of CYP4A1-20-HETE in U251 Glioma Cell Induces Hyperproliferative Phenotypes in vitro and in vivo. FASEB Journal, 2008, 22, 1136.13.	0.5	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.	2.5	103
108	Functional polymorphism in human CYP4F2 decreases 20-HETE production. Physiological Genomics, 2007, 30, 74-81.	2.3	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.	2.7	42
110	Effect of cell-free hemoglobin transfusion and 20-HETE synthesis inhibition on pial arteriolar diameter during middle cerebral artery occlusion. FASEB Journal, 2007, 21, A1274.	0.5	0
111	Protective effect of 20-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.	0.5	0
112	High-Throughput Production and Phenotyping of Rat Knockout Models for Hypertension. FASEB Journal, 2007, 21, A1236.	0.5	0
113	Cerebral vascular cytochrome P-450 4A enzyme activity and expression are elevated in a genetic model of stroke. FASEB Journal, 2007, 21, A1383.	0.5	0
114	Evidence that 20-HETE contributes to the development of acute and delayed cerebral vasospasm. Neurological Research, 2006, 28, 738-749.	1.3	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.	2.7	34
116	Eicosanoid profiling in cerebral vessels and brain of WKY, SHR, and SHR-SP rats. FASEB Journal, 2006, 20, A731.	0.5	0
117	Efficient transgenic rat production by a lentiviral vector. FASEB Journal, 2006, 20, A407.	0.5	0
118	Interaction of nitric oxide and 20-HETE during cortical functional hyperemia. FASEB Journal, 2006, 20, A730.	0.5	0
119	Substitution of chromosome 1 ameliorates I-NAME hypertension and renal disease in the fawn-hooded hypertensive rat. American Journal of Physiology - Renal Physiology, 2005, 288, F1015-F1022.	2.7	31
120	Initial Characterization of a Rat Model of Diabetic Nephropathy. Diabetes, 2004, 53, 735-742.	0.6	74
121	Contribution of 5-Hydroxytryptamine _{1B} Receptors and 20-Hydroxyeicosatetraenoic Acid to Fall in Cerebral Blood Flow After Subarachnoid Hemorrhage. Stroke, 2003, 34, 1269-1275.	2.0	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.	3.2	73
123	P-450 Metabolites of Arachidonic Acid in the Control of Cardiovascular Function. Physiological Reviews, 2002, 82, 131-185.	28.8	1,235
124	Abnormal pressure-natriuresis in hypertension: role of cytochrome P450 metabolites of arachidonic acid. American Journal of Hypertension, 2001, 14, S90-S97.	2.0	63
125	Effects of converting enzyme inhibitors on renal P-450 metabolism of arachidonic acid. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R822-R830.	1.8	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.	2.7	27

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127	20-HETE modulates myogenic response of skeletal muscle resistance arteries from hypertensive Dahl-SS rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H1066-H1074.	3.2	43
128	20-HETE Contributes to Myogenic Activation of Skeletal Muscle Resistance Arteries in Brown Norway and Sprague-Dawley Rats. <i>Microcirculation</i> , 2001, 8, 45-55.	1.8	27
129	Altered Mechanisms Underlying Hypoxic Dilation of Skeletal Muscle Resistance Arteries of Hypertensive versus Normotensive Dahl Rats. <i>Microcirculation</i> , 2001, 8, 115-127.	1.8	32
130	Differential Effect of Cytochrome P-450 ω -Hydroxylase Inhibition on O ₂ -Induced Constriction of Arterioles in SHR With Early and Established Hypertension. <i>Microcirculation</i> , 2001, 8, 435-443.	1.8	18
131	Brown Norway Chromosome 13 Confers Protection From High Salt to Consomic Dahl S Rat. <i>Hypertension</i> , 2001, 37, 456-461.	2.7	194
132	Renin Gene Transfer Restores Angiogenesis and Vascular Endothelial Growth Factor Expression in Dahl S Rats. <i>Hypertension</i> , 2001, 37, 386-390.	2.7	55
133	20-HETE Contributes to Myogenic Activation of Skeletal Muscle Resistance Arteries in Brown Norway and Sprague-Dawley Rats. <i>Microcirculation</i> , 2001, 8, 45-55.	1.8	6
134	Renal And Cardiovascular Actions Of 20-Hydroxyeicosatetraenoic Acid And Epoxyeicosatrienoic Acids. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 855-865.	1.9	114
135	Role of cGMP versus 20-HETE in the vasodilator response to nitric oxide in rat cerebral arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H339-H350.	3.2	86
136	Fluorescent HPLC assay for 20-HETE and other P-450 metabolites of arachidonic acid. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H863-H871.	3.2	47
137	Genetically defined risk of salt sensitivity in an intercross of Brown Norway and Dahl S rats. <i>Physiological Genomics</i> , 2000, 2, 107-115.	2.3	78
138	Transfer of Brown Norway Rat Chromosome 13 into Dahl S Genomic Background Confers Protection from High Salt Diet. <i>Hypertension</i> , 2000, 36, 717-717.	2.7	1
139	Impaired autoregulation of renal blood flow in the fawn-hooded rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R189-R196.	1.8	37
140	Altered renal hemodynamics and impaired myogenic responses in the fawn-hooded rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R855-R863.	1.8	51
141	Regulation of P-450 4A activity in the glomerulus of the rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1749-R1757.	1.8	30
142	20-HETE agonists and antagonists in the renal circulation. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 277, F790-F796.	2.7	75
143	Cytochrome P-450 ω -hydroxylase senses O ₂ in hamster muscle, but not cheek pouch epithelium, microcirculation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 276, H503-H508.	3.2	35
144	P-450 Eicosanoids: A Novel Signaling Pathway Regulating Renal Function. <i>Physiology</i> , 1999, 14, 238-242.	3.1	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.	3.2	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.	2.7	93
147	Cytochrome P-450 arachidonate metabolite inhibition improves renal function in Lyon hypertensive rats. American Journal of Hypertension, 1999, 12, 398-404.	2.0	16
148	Lovastatin reduces renal vascular reactivity in spontaneously hypertensive rats. American Journal of Hypertension, 1998, 11, 1222-1231.	2.0	25
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