Roger G Evans

List of Publications by Year
in descending order

315 papers	7,490 citations	53751 45 h-index	110317 64 g-index
321 all docs	321 docs citations	321 times ranked	5419 citing authors

#	Article	IF	Citations
1	Intrarenal oxygenation: unique challenges and the biophysical basis of homeostasis. American Journal of Physiology - Renal Physiology, 2008, 295, F1259-F1270.	1.3	235
2	Haemodynamic influences on kidney oxygenation: Clinical implications of integrative physiology. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 106-122.	0.9	209
3	Intrarenal and urinary oxygenation during norepinephrine resuscitation in ovine septic acuteÂkidney injury. Kidney International, 2016, 90, 100-108.	2.6	134
4	Sepsisâ€induced acute kidney injury: A disease of the microcirculation. Microcirculation, 2019, 26, e12483.	1.0	118
5	Mechanisms underlying the differential control of blood flow in the renal medulla and cortex. Journal of Hypertension, 2004, 22, 1439-1451.	0.3	112
6	Gender Differences in Pressure-Natriuresis and Renal Autoregulation. Hypertension, 2011, 57, 275-282.	1.3	112
7	Effects of dietary protein restriction on nephron number in the mouse. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1768-R1774.	0.9	105
8	Combined prenatal and postnatal protein restriction influences adult kidney structure, function, and arterial pressure. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R462-R469.	0.9	102
9	Cortical and Medullary Tissue Perfusion and Oxygenation in Experimental Septic Acute Kidney Injury. Critical Care Medicine, 2015, 43, e431-e439.	0.4	100
10	Dysfunction of the Cholinergic Anti-Inflammatory Pathway Mediates Organ Damage in Hypertension. Hypertension, 2011, 57, 298-307.	1.3	98
11	Arterial spin labelling MRI to measure renal perfusion: a systematic review and statement paper. Nephrology Dialysis Transplantation, 2018, 33, ii15-ii21.	0.4	98
12	Renal hypoxia in kidney disease: Cause or consequence?. Acta Physiologica, 2018, 222, e12999.	1.8	97
13	MECHANISMS MEDIATING PRESSURE NATRIURESIS: WHAT WE KNOW and WHAT WE NEED TO FIND OUT. Clinical and Experimental Pharmacology and Physiology, 2005, 32, 400-409.	0.9	92
14	John Ludbrook APPS Symposium Neural Mechanisms In The Cardiovascular Responses To Acute Central Hypovolaemia. Clinical and Experimental Pharmacology and Physiology, 2001, 28, 479-487.	0.9	91
15	Evidence that renal arterial-venous oxygen shunting contributes to dynamic regulation of renal oxygenation. American Journal of Physiology - Renal Physiology, 2007, 292, F1726-F1733.	1.3	91
16	Renal medullary tissue oxygenation is dependent on both cortical and medullary blood flow. American Journal of Physiology - Renal Physiology, 2006, 290, F688-F694.	1.3	79
17	Urinary Oxygenation as a Surrogate Measure of Medullary Oxygenation During Angiotensin II Therapy in Septic Acute Kidney Injury. Critical Care Medicine, 2018, 46, e41-e48.	0.4	78
18	Prenatal glucocorticoid exposure in the sheep alters renal development in utero: implications for adult renal function and blood pressure control. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R500-R509.	0.9	69

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19	Renal haemodynamics and oxygenation during and after cardiac surgery and cardiopulmonary bypass. Acta Physiologica, 2018, 222, e12995.	1.8	69
20	Intracisternal naloxone and cardiac nerve blockade prevent vasodilatation during simulated haemorrhage in awake rabbits.. Journal of Physiology, 1989, 409, 1-14.	1.3	64
21	Urinary hypoxia: an intraoperative marker of risk of cardiac surgery-associated acute kidney injury. Nephrology Dialysis Transplantation, 2018, 33, 2191-2201.	0.4	63
22	Role for endotheliumâ€derived hyperpolarizing factor in vascular tone in rat mesenteric and hindlimb circulationsin vivo. Journal of Physiology, 2002, 542, 929-937.	1.3	60
23	Factors that render the kidney susceptible to tissue hypoxia in hypoxemia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R931-R940.	0.9	60
24	Nitric oxide and superoxide in the renal medulla: a delicate balancing act. Current Opinion in Nephrology and Hypertension, 2005, 14, 9-15.	1.0	58
25	Renal oxygenation in acute renal ischemia-reperfusion injury. American Journal of Physiology - Renal Physiology, 2014, 306, F1026-F1038.	1.3	57
26	Sex- and age-related differences in the chronic pressure-natriuresis relationship: role of the angiotensin type 2 receptor. American Journal of Physiology - Renal Physiology, 2014, 307, F901-F907.	1.3	55
27	Long-term measurement of renal cortical and medullary tissue oxygenation and perfusion in unanesthetized sheep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R832-R839.	0.9	55
28	Strategies that improve renal medullary oxygenation during experimental cardiopulmonary bypass may mitigate postoperative acute kidneyÂinjury. Kidney International, 2019, 95, 1338-1346.	2.6	55
29	Cellular adaptive changes in AKI: mitigating renal hypoxic injury. Nephrology Dialysis Transplantation, 2012, 27, 1721-1728.	0.4	54
30	Do different levels and patterns of sympathetic activation all provoke renal vasoconstriction?. Journal of the Autonomic Nervous System, 1998, 69, 72-82.	1.9	53
31	Diversity of responses of renal cortical and medullary blood flow to vasoconstrictors in conscious rabbits. Acta Physiologica Scandinavica, 2000, 169, 297-308.	2.3	53
32	Basal renal O₂consumption and the efficiency of O₂utilization for Na⁺reabsorption. American Journal of Physiology - Renal Physiology, 2014, 306, F551-F560.	1.3	53
33	Differential control of intrarenal blood flow during reflex increases in sympathetic nerve activity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R62-R68.	0.9	52
34	What Makes the Kidney Susceptible to Hypoxia?. Anatomical Record, 2020, 303, 2544-2552.	0.8	52
35	Limited Oxygen Availability In Utero May Constrain the Evolution of Live Birth in Reptiles. American Naturalist, 2013, 181, 245-253.	1.0	51
36	Differential neural control of intrarenal blood flow. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R907-R916.	0.9	50

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37	Effects of ETA- and ETB-receptor antagonists on regional kidney blood flow, and responses to intravenous endothelin-1, in anaesthetized rabbits. Journal of Hypertension, 2001, 19, 1789-1799.	0.3	49
38	Do the socioeconomic and hypertension gradients in rural populations of low- and middle-income countries differ by geographical region? A systematic review and meta-analysis. International Journal of Epidemiology, 2014, 43, 1563-1577.	0.9	49
39	Role of central opiate receptor subtypes in the circulatory responses of awake rabbits to graded caval occlusions.. Journal of Physiology, 1989, 419, 15-31.	1.3	48
40	Nitric Oxide in Responses of Regional Kidney Blood Flow to Vasoactive Agents in Anesthetized Rabbits. Journal of Cardiovascular Pharmacology, 2002, 40, 210-219.	0.8	47
41	RENAL PREGLOMERULAR ARTERIAL-VENOUS O2 SHUNTING IS A STRUCTURAL ANTI-OXIDANT DEFENCE MECHANISM OF THE RENAL CORTEX. Clinical and Experimental Pharmacology and Physiology, 2006, 33, 637-641.	0.9	47
42	Contribution of renal nerves to renal blood flow variability during hemorrhage. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 274, R1283-R1294.	0.9	46
43	A mathematical model of diffusional shunting of oxygen from arteries to veins in the kidney. American Journal of Physiology - Renal Physiology, 2011, 300, F1339-F1352.	1.3	46
44	Urinary oxygen tension: a clinical window on the health of the renal medulla?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R45-R50.	0.9	46
45	Regional responsiveness of renal perfusion to activation of the renal nerves. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 283, R1177-R1186.	0.9	45
46	Nitric oxide in responses of regional kidney perfusion to renal nerve stimulation and renal ischaemia. Pflugers Archiv European Journal of Physiology, 2003, 447, 205-213.	1.3	45
47	Renal functional reserve: from physiological phenomenon to clinical biomarker and beyond. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 319, R690-R702.	0.9	44
48	Disparate Roles of AT 2 Receptors in the Renal Cortical and Medullary Circulations of Anesthetized Rabbits. Hypertension, 2003, 42, 200-205.	1.3	42
49	Sex differences in the renal vascular response to angiotensin <scp>II</scp> involves the <scp>M</scp>as receptor. Acta Physiologica, 2012, 206, 150-156.	1.8	42
50	Clonidine Restores Pressor Responsiveness to Phenylephrine and Angiotensin II in Ovine Sepsis*. Critical Care Medicine, 2015, 43, e221-e229.	0.4	42
51	Mechanisms underlying the antihypertensive functions of the renal medulla. Acta Physiologica Scandinavica, 2004, 181, 475-486.	2.3	41
52	Evaluation of a training program of hypertension for accredited social health activists (ASHA) in rural India. BMC Health Services Research, 2018, 18, 320.	0.9	41
53	Effectiveness of a scalable group-based education and monitoring program, delivered by health workers, to improve control of hypertension in rural India: A cluster randomised controlled trial. PLoS Medicine, 2020, 17, e1002997.	3.9	41
54	A Novel Stable Inhibitor of Endopeptidases EC 3.4.24.15 and 3.4.24.16 Potentiates Bradykinin-Induced Hypotension. Hypertension, 2000, 35, 626-630.	1.3	40

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55	Multiple mechanisms act to maintain kidney oxygenation during renal ischemia in anesthetized rabbits. American Journal of Physiology - Renal Physiology, 2010, 298, F1235-F1243.	1.3	40
56	Renal hemodynamics, function, and oxygenation during cardiac surgery performed on cardiopulmonary bypass: a modeling study. Physiological Reports, 2015, 3, e12260.	0.7	40
57	Compensatory responses to nephron deficiency: Adaptive or maladaptive?. Nephrology, 2014, 19, 119-128.	0.7	39
58	Renal Hemodynamic Responses to Intrarenal Infusion of Ligands for the Putative Angiotensin IV Receptor in Anesthetized Rats. Journal of Cardiovascular Pharmacology, 1999, 34, 206-211.	0.8	39
59	AT2 receptors contribute to acute blood pressure-lowering and vasodilator effects of AT1 receptor antagonism in conscious normotensive but not hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H2289-H2297.	1.5	38
60	Variable responses of regional renal oxygenation and perfusion to vasoactive agents in awake sheep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1226-R1233.	0.9	38
61	Dexmedetomidine reduces norepinephrine requirements and preserves renal oxygenation and function in ovine septic acute kidney injury. Kidney International, 2019, 96, 1150-1161.	2.6	38
62	Effects of Fluid Bolus Therapy on Renal Perfusion, Oxygenation, and Function in Early Experimental Septic Kidney Injury. Critical Care Medicine, 2019, 47, e36-e43.	0.4	37
63	CHARACTERISTICS OF CARDIOVASCULAR REFLEXES ORIGINATING FROM 5-HT3RECEPTORS IN THE HEART AND LUNGS OF UNANAESTHETIZED RABBITS. Clinical and Experimental Pharmacology and Physiology, 1990, 17, 665-679.	0.9	36
64	Levels of Renal and Extrarenal Sympathetic Drive in Angiotensin Ilâ€“Induced Hypertension. Hypertension, 2008, 51, 878-883.	1.3	36
65	Discharge Is a Critical Time to Influence 10-Year Use of Secondary Prevention Therapies for Stroke. Stroke, 2014, 45, 539-544.	1.0	36
66	Normotension, hypertension and body fluid regulation: brain and kidney. Acta Physiologica, 2017, 219, 288-304.	1.8	36
67	Factors that confound the prediction of renal medullary oxygenation and risk of acute kidney injury from measurement of bladder urine oxygen tension. Acta Physiologica, 2019, 227, e13294.	1.8	36
68	Reversal of the Pathophysiological Responses to Gram-Negative Sepsis by Megadose Vitamin C. Critical Care Medicine, 2021, 49, e179-e190.	0.4	36
69	Autoregulation of renal medullary blood flow in rabbits. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 284, R233-R244.	0.9	35
70	Differential effects of prenatal exposure to dexamethasone or cortisol on circulatory control mechanisms mediated by angiotensin II in the central nervous system of adult sheep. Journal of Physiology, 2006, 571, 651-660.	1.3	35
71	Exploring Barriers to and Enablers of the Adoption of Information and Communication Technology for the Care of Older Adults With Chronic Diseases: Scoping Review. JMIR Aging, 2022, 5, e25251.	1.4	35
72	Diffusive oxygen shunting between vessels in the preglomerular renal vasculature: anatomic observations and computational modeling. American Journal of Physiology - Renal Physiology, 2012, 303, F605-F618.	1.3	34

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73	Renal perfusion, oxygenation, and sympathetic nerve activity during volatile or intravenous general anaesthesia in sheep. British Journal of Anaesthesia, 2019, 122, 342-349.	1.5	34
74	Endothelial dysfunction and arterial pressure regulation during early diabetes in mice: roles for nitric oxide and endothelium-derived hyperpolarizing factor. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R707-R713.	0.9	33
75	Bladder urine oxygen tension for assessing renal medullary oxygenation in rabbits: experimental and modeling studies. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R532-R544.	0.9	33
76	Accounting for oxygen in the renal cortex: a computational study of factors that predispose the cortex to hypoxia. American Journal of Physiology - Renal Physiology, 2017, 313, F218-F236.	1.3	33
77	Role of vagal afferents in the haemodynamic response to acute central hypovolaemia in unanaesthetized rabbits. Journal of the Autonomic Nervous System, 1994, 46, 251-260.	1.9	32
78	NEURAL CONTROL OF RENAL MEDULLARY PERFUSION. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 387-396.	0.9	32
79	EFFECT OF ENDOTHELIN-1 ON REGIONAL KIDNEY BLOOD FLOW AND RENAL ARTERIOLE CALIBRE IN RABBITS. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 494-501.	0.9	32
80	METHODS FOR STUDYING THE PHYSIOLOGY OF KIDNEY OXYGENATION. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 1405-1412.	0.9	32
81	Angiotensin II and neurohumoral control of the renal medullary circulation. Clinical and Experimental Pharmacology and Physiology, 2010, 37, e58-69.	0.9	32
82	SYNCHROTRONâ€BASED ANGIOGRAPHY FOR INVESTIGATION OF THE REGULATION OF VASOMOTOR FUNCTION IN THE MICROCIRCULATION IN VIVO. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 107-116.	0.9	31
83	Determinants of renal tissue hypoxia in a rat model of polycystic kidney disease. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R1207-R1215.	0.9	31
84	In vivo regulation of endothelium-dependent vasodilation in the rat renal circulation and the effect of streptozotocin-induced diabetes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R829-R839.	0.9	30
85	Renal medullary and urinary oxygen tension during cardiopulmonary bypass in the rat. Mathematical Medicine and Biology, 2017, 34, dqw010.	0.8	30
86	Role of the kidney in the pathogenesis of hypertension: time for a neo-Guytonian paradigm or a paradigm shift?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R217-R229.	0.9	30
87	EVIDENCE FOR A RENOMEDULLARY VASODEPRESSOR HORMONE. Clinical and Experimental Pharmacology and Physiology, 1996, 23, 777-785.	0.9	29
88	When Is Embryonic Arrest Broken in Turtle Eggs?. Physiological and Biochemical Zoology, 2017, 90, 523-532.	0.6	29
89	Renal Medullary Hypoxia: A New Therapeutic Target for Septic Acute Kidney Injury?. Seminars in Nephrology, 2019, 39, 543-553.	0.6	29
90	A CNS Serotonergic Mechanism in Acute Central Hypovolemia in Conscious Rabbits?. Journal of Cardiovascular Pharmacology, 1992, 19, 1009.	0.8	28

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91	Renal sympathetic activation from long-term low-dose angiotensin II infusion in rabbits. Journal of Hypertension, 2012, 30, 551-560.	0.3	28
92	Targeting Oxidative Stress in Septic Acute Kidney Injury: From Theory to Practice. Journal of Clinical Medicine, 2021, 10, 3798.	1.0	28
93	Renal Sympathetic Neuroeffector Function in Renovascular and Angiotensin IIâ€“Dependent Hypertension in Rabbits. Hypertension, 2007, 49, 932-938.	1.3	27
94	Vascular geometry and oxygen diffusion in the vicinity of artery-vein pairs in the kidney. American Journal of Physiology - Renal Physiology, 2014, 307, F1111-F1122.	1.3	27
95	Measurement of Renal Tissue Oxygen Tension: Systematic Differences between Fluorescence Optode and Microelectrode Recordings in Anaesthetized Rabbits. Nephron Physiology, 2008, 108, p11-p17.	1.5	26
96	Potential roles of high salt intake and maternal malnutrition in the development of hypertension in disadvantaged populations. Clinical and Experimental Pharmacology and Physiology, 2010, 37, e78-90.	0.9	26
97	Structural antioxidant defense mechanisms in the mammalian and nonmammalian kidney: different solutions to the same problem?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R723-R727.	0.9	26
98	Stability of tissue PO₂ in the face of altered perfusion: a phenomenon specific to the renal cortex and independent of resting renal oxygen consumption. Clinical and Experimental Pharmacology and Physiology, 2011, 38, 247-254.	0.9	26
99	Augmented endothelialâ€specific <scp>L</scp>â€arginine transport prevents obesityâ€induced hypertension. Acta Physiologica, 2014, 212, 39-48.	1.8	26
100	EFFECTS OF HALOTHANE, KETAMINE, PROPOFOL AND ALFENTANIL ANAESTHESIA ON CIRCULATORY CONTROL IN RABBITS. Clinical and Experimental Pharmacology and Physiology, 1990, 17, 781-798.	0.9	25
101	Interactions of Blockade of Nitric Oxide Synthase and Angiotensin-Converting Enzyme on Renal Function in Conscious Rabbits. Journal of Cardiovascular Pharmacology, 1994, 24, 542-551.	0.8	25
102	Renal effects of infusion of rilmenidine and guanabenz in conscious dogs: contribution of peripheral and central nervous system Î±₂â€“adrenoceptors. British Journal of Pharmacology, 1995, 116, 1557-1570.	2.7	25
103	Interactions Between Neural and Hormonal Mediators of Renal Vascular Tone in Anaesthetized Rabbits. Experimental Physiology, 2003, 88, 229-241.	0.9	25
104	AT2 receptors mediate tonic renal medullary vasoconstriction in renovascular hypertension. British Journal of Pharmacology, 2005, 144, 486-492.	2.7	25
105	Don't be so BOLD: Potential limitations in the use of BOLD MRI for studies of renal oxygenation. Kidney International, 2007, 71, 1327-1328.	2.6	25
106	RESPONSE TO â€˜THE PRESENTATION OF STATISTICS IN CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGYâ€™. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 1274-1274.	0.9	25
107	Exogenous and endogenous angiotensinâ€II decrease renal cortical oxygen tension in conscious rats by limiting renal blood flow. Journal of Physiology, 2016, 594, 6287-6300.	1.3	25
108	Role of perioperative hypotension in postoperative acute kidney injury: a narrative review. British Journal of Anaesthesia, 2022, 128, 931-948.	1.5	25

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109	Effects of Renal Medullary and Intravenous Norepinephrine on Renal Antihypertensive Function. Hypertension, 2000, 35, 965-970.	1.3	24
110	Effects of indomethacin on responses of regional kidney perfusion to vasoactive agents in rabbits. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 873-879.	0.9	24
111	Behaviour change strategies for reducing blood pressure-related disease burden: findings from a global implementation research programme. Implementation Science, 2015, 10, 158.	2.5	24
112	Renal hemodynamics and oxygenation during experimental cardiopulmonary bypass in sheep under total intravenous anesthesia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R206-R213.	0.9	24
113	Effects of the Vasopressin V1 Agonist [PHE2,ILE3,ORN8] Vasopressin on Regional Kidney Perfusion and Renal Excretory Function in Anesthetized Rabbits. Journal of Cardiovascular Pharmacology, 1998, 32, 571-581.	0.8	24
114	Sex differences in pressure diuresis/natriuresis in rabbits. Acta Physiologica Scandinavica, 2000, 169, 309-316.	2.3	23
115	Differential Effects of Acute and Chronic Estrogen Treatment on Thermogenic and Metabolic Pathways in Ovariectomized Sheep. Endocrinology, 2013, 154, 184-192.	1.4	23
116	Effects of activation of vasopressin-V1-receptors on regional kidney blood flow and glomerular arteriole diameters. Journal of Hypertension, 2001, 19, 649-657.	0.3	22
117	Contrast angiography of the rat renal microcirculation in vivo using synchrotron radiation. American Journal of Physiology - Renal Physiology, 2009, 296, F1023-F1031.	1.3	22
118	The prevalence and genotypic analysis of Toxoplasma gondii from individuals in Scotland, 2006â€“2012. Parasites and Vectors, 2016, 9, 324.	1.0	22
119	Systemic haemodynamic, renal perfusion and renal oxygenation responses to changes in inspired oxygen fraction during total intravenous or volatile anaesthesia. British Journal of Anaesthesia, 2020, 125, 192-200.	1.5	22
120	Effects of 5â€HTâ€receptor and Î±₂â€adrenoceptor ligands on the haemodynamic response to acute central hypovolaemia in conscious rabbits. British Journal of Pharmacology, 1993, 109, 37-47.	2.7	21
121	Evidence for decreased structurally determined preglomerular resistance in the young spontaneously hypertensive rat after 4 weeks of renal denervation. Journal of Hypertension, 1997, 15, 1187-1195.	0.3	21
122	Contributions of endothelium-derived relaxing factors to control of hindlimb blood flow in the mouse in vivo. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1072-H1082.	1.5	21
123	Gender-specific effects of caste and salt on hypertension in poverty: a population-based study. Journal of Hypertension, 2011, 29, 443-450.	0.3	21
124	A model of oxygen transport in the rat renal medulla. American Journal of Physiology - Renal Physiology, 2018, 315, F1787-F1811.	1.3	21
125	Beneficial Effects of Vasopressin Compared With Norepinephrine on Renal Perfusion, Oxygenation, and Function in Experimental Septic Acute Kidney Injury. Critical Care Medicine, 2020, 48, e951-e958.	0.4	21
126	EFFECTS OF SUBACUTE OPIOID ADMINISTRATION DURING LATE PREGNANCY IN THE RAT ON THE INITIATION, DURATION AND OUTCOME OF PARTURITION AND MATERNAL LEVELS OF OXYTOCIN AND ARGININE VASOPRESSIN. Clinical and Experimental Pharmacology and Physiology, 1989, 16, 169-178.	0.9	20

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127	?- AND K-OPIATE RECEPTOR AGONISTS REDUCE PLASMA NEUROHYPOPHYSIAL HORMONE CONCENTRATIONS IN WATER-DEPRIVED AND NORMALLY HYDRATED RATS. Clinical and Experimental Pharmacology and Physiology, 1989, 16, 191-197.	0.9	20
128	EFFECTS OF NG-NITRO-l-ARGININE ON PRESSURE NATRIURESIS IN ANAESTHETIZED RABBITS. Clinical and Experimental Pharmacology and Physiology, 1995, 22, 94-101.	0.9	20
129	Renal haemodynamic effects of endothelin-1 and the ETA/ETB antagonist TAK-044 in anaesthetized rabbits. Journal of Hypertension, 1998, 16, 1897-1905.	0.3	20
130	Regional vascular responses to ATP and ATP analogues in the rabbit kidney in vivo : roles for adenosine receptors and prostanoids. British Journal of Pharmacology, 2006, 149, 523-531.	2.7	20
131	Effects of chronic sympathoâ€inhibition on reflex control of renal blood flow and plasma renin activity in renovascular hypertension. British Journal of Pharmacology, 2010, 159, 438-448.	2.7	20
132	Telemetry-based oxygen sensor for continuous monitoring of kidney oxygenation in conscious rats. American Journal of Physiology - Renal Physiology, 2013, 304, F1471-F1480.	1.3	20
133	A pseudo-three-dimensional model for quantification of oxygen diffusion from preglomerular arteries to renal tissue and renal venous blood. American Journal of Physiology - Renal Physiology, 2017, 313, F237-F253.	1.3	20
134	Chemosensitive cardiopulmonary afferents and the haemodynamic response to simulated haemorrhage in conscious rabbits. British Journal of Pharmacology, 1991, 102, 533-539.	2.7	19
135	Angiotensin II and nitric oxide in neural control of intrarenal blood flow. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R745-R754.	0.9	19
136	Postprandial heat production in skeletal muscle is associated with altered mitochondrial function and altered futile calcium cycling. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R1071-R1079.	0.9	19
137	Adiposity has a greater impact on hypertension in lean than not-lean populations: a systematic review and meta-analysis. European Journal of Epidemiology, 2014, 29, 311-324.	2.5	19
138	Chronic recurrent dehydration associated with periodic water intake exacerbates hypertension and promotes renal damage in male spontaneously hypertensive rats. Scientific Reports, 2016, 6, 33855.	1.6	19
139	Hypoxia as a novel method for preventing movement-induced mortality during translocation of turtle eggs. Biological Conservation, 2017, 216, 86-92.	1.9	19
140	Renal responses to acute reflex activation of renal sympathetic nerve activity and renal denervation in secondary hypertension. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1247-R1256.	0.9	18
141	Enhanced responses to ganglion blockade do not reflect sympathetic nervous system contribution to angiotensin II-induced hypertension. Journal of Hypertension, 2009, 27, 1838-1848.	0.3	18
142	Chronic treatment with tempol does not significantly ameliorate renal tissue hypoxia or disease progression in a rodent model of polycystic kidney disease. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 917-929.	0.9	18
143	Chronic intermittent hypoxia accelerates coronary microcirculatory dysfunction in insulin-resistant Goto-Kakizaki rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R426-R439.	0.9	18
144	Factors associated with awareness, treatment and control of hypertension in a disadvantaged rural Indian population. Journal of Human Hypertension, 2017, 31, 347-353.	1.0	18

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145	An Ovine Model for Studying the Pathophysiology of Septic Acute Kidney Injury. Methods in Molecular Biology, 2018, 1717, 207-218.	0.4	18
146	Effects of Î¼â€opioid receptor agonists on circulatory responses to simulated haemorrhage in conscious rabbits. British Journal of Pharmacology, 1990, 100, 421-426.	2.7	17
147	Diffusive shunting of gases and other molecules in the renal vasculature: physiological and evolutionary significance. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R797-R810.	0.9	17
148	Renal cellular hypoxia in adenineâ€induced chronic kidney disease. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 896-905.	0.9	17
149	Cluster randomised feasibility trial to improve the Control of Hypertension In Rural India (CHIRI): a study protocol. BMJ Open, 2016, 6, e012404.	0.8	17
150	Influence of higher brain centres and vasopressin on the haemodynamic response to acute central hypovolaemia in rabbits. Journal of the Autonomic Nervous System, 1991, 35, 1-14.	1.9	16
151	Î±-Adrenoceptor subtypes mediating regional kidney blood flow responses to renal nerve stimulation. Autonomic Neuroscience: Basic and Clinical, 2004, 112, 15-24.	1.4	16
152	Audit of the laboratory diagnosis of Lyme disease in Scotland. Journal of Medical Microbiology, 2005, 54, 1139-1141.	0.7	16
153	Furosemide reverses medullary tissue hypoxia in ovine septic acute kidney injury. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 317, R232-R239.	0.9	16
154	Reversal of renal tissue hypoxia during experimental cardiopulmonary bypass in sheep by increased pump flow and arterial pressure. Acta Physiologica, 2021, 231, e13596.	1.8	16
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