Jacqueline K. Phillips

List of Publications by Year
in descending order

100	2,689	201385 27	205818 48
papers	citations	h-index	g-index

101	101	101	3106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Handâ€held Dynamometry Correlation With the Gold Standard Isokinetic Dynamometry: A Systematic Review. PM and R, 2011, 3, 472-479.	0.9	494
2	Heterogeneous control of blood flow amongst different vascular beds. Medicinal Research Reviews, 2001, 21, 1-60.	5.0	159
3	UNRAVELLING THE PATHOPHYSIOLOGY OF COMPLEX REGIONAL PAIN SYNDROME: FOCUS ON SYMPATHETICALLY MAINTAINED PAIN. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 717-724.	0.9	88
4	Differential expression of catecholamine biosynthetic enzymes in the rat ventrolateral medulla. Journal of Comparative Neurology, 2001, 432, 20-34.	0.9	83
5	Temporal Relationship between Renal Cyst Development, Hypertension and Cardiac Hypertrophy in a New Rat Model of Autosomal Recessive Polycystic Kidney Disease. Kidney and Blood Pressure Research, 2007, 30, 129-144.	0.9	77
6	Trait perfectionism strengthens the negative effects of moral stressors occurring in veterinary practice. Australian Veterinary Journal, 2015, 93, 354-360.	0.5	72
7	UPREGULATION OF ANGIOTENSIN AT₁ RECEPTOR AND INTRACELLULAR KINASE GENE EXPRESSION IN HYPERTENSIVE RATS. Clinical and Experimental Pharmacology and Physiology, 2006, 33, 690-695.	0.9	69
8	Aortic stiffness is associated with vascular calcification and remodeling in a chronic kidney disease rat model. American Journal of Physiology - Renal Physiology, 2011, 300, F1431-F1436.	1.3	61
9	The distinct role of performing euthanasia on depression and suicide in veterinarians.. Journal of Occupational Health Psychology, 2014, 19, 123-132.	2.3	61
10	Variation in mRNA expression of alpha-adrenergic, neurokinin and muscarinic receptors amongst four arteries of the rat. Journal of the Autonomic Nervous System, 1997, 62, 85-93.	1.9	58
11	Expression of Î±1-adrenoceptors on peripheral nociceptive neurons. Neuroscience, 2011, 175, 300-314.	1.1	58
12	A novel mutation causing nephronophthisis in the Lewis polycystic kidney rat localises to a conserved RCC1 domain in Nek8. BMC Genomics, 2012, 13, 393.	1.2	58
13	Receptors involved in nerve-mediated vasoconstriction in small arteries of the rat hepatic mesentery. British Journal of Pharmacology, 1998, 124, 1403-1412.	2.7	56
14	Upregulation of Î±1-adrenoceptors on cutaneous nerve fibres after partial sciatic nerve ligation and in complex regional pain syndrome type II. Pain, 2014, 155, 606-616.	2.0	50
15	Neurons in the Intermediate Reticular Nucleus Coordinate Postinspiratory Activity, Swallowing, and Respiratory-Sympathetic Coupling in the Rat. Journal of Neuroscience, 2019, 39, 9757-9766.	1.7	46
16	Differential Contribution of Afferent and Central Pathways to the Development of Baroreflex Dysfunction in Chronic Kidney Disease. Hypertension, 2014, 63, 804-810.	1.3	45
17	Changes in cutaneous innervation in patients with chronic pain after burns. Burns, 2011, 37, 631-637.	1.1	44
18	Single-cell RTâ€“PCR as a tool to study gene expression in central and peripheral autonomic neurones. Autonomic Neuroscience: Basic and Clinical, 2000, 86, 1-12.	1.4	41

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19	PATHOGENESIS OF HYPERTENSION IN RENAL FAILURE: ROLE OF THE SYMPATHETIC NERVOUS SYSTEM and RENAL AFFERENTS. Clinical and Experimental Pharmacology and Physiology, 2005, 32, 415-418.	0.9	40
20	Lack of functional expression of NMDA receptors in PC12 cells. NeuroToxicology, 2007, 28, 876-885.	1.4	40
21	Up-Regulation of Cutaneous Î±₁-Adrenoceptors in Complex Regional Pain Syndrome Type I. Pain Medicine, 2014, 15, 1945-1956.	0.9	40
22	Tyrosine hydroxylase gene expression in ventrolateral medulla oblongata of WKY and SHR: a quantitative real-time polymerase chain reaction study. Autonomic Neuroscience: Basic and Clinical, 2002, 98, 79-84.	1.4	39
23	Systemic Decreases in Cutaneous Innervation after Burn Injury. Journal of Investigative Dermatology, 2010, 130, 1948-1951.	0.3	35
24	Unique levels of expression of N-methyl-d-aspartate receptor subunits and neuronal nitric oxide synthase in the rostral ventrolateral medulla of the spontaneously hypertensive rat. Molecular Brain Research, 2004, 129, 33-43.	2.5	32
25	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
26	Angiotensin-converting enzyme inhibitor limits pulse-wave velocity and aortic calcification in a rat model of cystic renal disease. American Journal of Physiology - Renal Physiology, 2011, 301, F959-F966.	1.3	30
27	A preliminary investigation of the reinnervation and return of sensory function in burn patients treated with INTEGRÂÂ®. Burns, 2011, 37, 1101-1108.	1.1	28
28	Differential expression of the noradrenaline transporter in adrenergic chromaffin cells, ganglion cells and nerve fibres of the rat adrenal medulla. Journal of Chemical Neuroanatomy, 2001, 21, 95-104.	1.0	27
29	Alternating frequency to increase the response to stimulation from medium voltage electrical stimulation and the effect on objective meat quality. Meat Science, 2009, 81, 188-195.	2.7	27
30	The effect of losartan on differential reflex control of sympathetic nerve activity in chronic kidney disease. Journal of Hypertension, 2015, 33, 1249-1260.	0.3	23
31	Uraemia: an unrecognized driver of central neurohumoral dysfunction in chronic kidney disease?. Acta Physiologica, 2017, 219, 305-323.	1.8	23
32	Expression of the noradrenaline transporter and phenylethanolamine N-methyltransferase in normal human adrenal gland and phaeochromocytoma. Cell and Tissue Research, 2005, 322, 443-453.	1.5	22
33	COMPARATIVE STUDIES OF PC12 AND MOUSE PHEOCHROMOCYTOMAâ€“DERIVED RODENT CELL LINES AS MODELS FOR THE STUDY OF NEUROENDOCRINE SYSTEMS. In Vitro Cellular and Developmental Biology - Animal, 2005, 41, 197.	0.7	21
34	Cardiovascular autonomic dysfunction in a novel rodent model of polycystic kidney disease. Autonomic Neuroscience: Basic and Clinical, 2010, 152, 60-66.	1.4	20
35	Abnormal central control underlies impaired baroreflex control of heart rate and sympathetic nerve activity in female Lewis polycystic kidney rats. Journal of Hypertension, 2015, 33, 1418-1428.	0.3	20
36	Direct conscious telemetry recordings demonstrate increased renal sympathetic nerve activity in rats with chronic kidney disease. Frontiers in Physiology, 2015, 6, 218.	1.3	20

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37	NEURORECEPTOR mRNA EXPRESSION IN THE RAT MESENTERIC ARTERY DEVELOPS INDEPENDENTLY OF INNERVATION. International Journal of Developmental Neuroscience, 1999, 17, 377-386.	0.7	19
38	Development of a nonâ€targeted metabolomics method to investigate urine in a rat model of polycystic kidney disease. Nephrology, 2012, 17, 104-110.	0.7	19
39	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
40	Temporal development of baroreceptor dysfunction in a rodent model of chronic kidney disease. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 458-465.	0.9	18
41	Heterogeneity in mechanisms underlying vasodilatory responses in small arteries of the rat hepatic mesentery. Autonomic Neuroscience: Basic and Clinical, 2000, 83, 159-170.	1.4	16
42	Chromogranin A Expression in Phaeochromocytomas Associated with von Hippel-Lindau Syndrome and Multiple Endocrine Neoplasia Type 2. Hormone and Metabolic Research, 2007, 39, 876-883.	0.7	16
43	Effects of vasopressin on isolated rat adrenal chromaffin cells. Regulatory Peptides, 2002, 106, 55-65.	1.9	15
44	Opposing changes in thoracic and abdominal aortic biomechanical properties in rodent models of vascular calcification and hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H143-H151.	1.5	15
45	Effects of TORC1 Inhibition during the Early and Established Phases of Polycystic Kidney Disease. PLoS ONE, 2016, 11, e0164193.	1.1	15
46	Differential expression of catecholamine synthetic enzymes in the caudal ventral pons. Journal of Comparative Neurology, 2001, 438, 457-467.	0.9	14
47	Phosphorylated extracellular signal-regulated kinase 1/2 immunoreactivity identifies a novel subpopulation of sympathetic preganglionic neurons. Neuroscience, 2005, 133, 583-590.	1.1	14
48	Neuropeptide Y expression in phaeochromocytomas: relative absence in tumours from patients with von Hippelâ€“Lindau syndrome. Journal of Endocrinology, 2007, 193, 225-233.	1.2	14
49	Sympathetic overactivity prevails over the vascular amplifier phenomena in a chronic kidney disease rat model of hypertension. Physiological Reports, 2014, 2, e12205.	0.7	14
50	Differential expression of the NMDA NR2B receptor subunit in motoneuron populations susceptible and resistant to amyotrophic lateral sclerosis. Neuroscience Letters, 2006, 399, 157-161.	1.0	13
51	Early Cyst Growth Is Associated with the Increased Nuclear Expression of Cyclin D1/Rb Protein in an Autosomal-Recessive Polycystic Kidney Disease Rat Model. Nephron Experimental Nephrology, 2011, 117, e93-e103.	2.4	13
52	Usefulness of [18F]-DA and [18F]-DOPA for PET imaging in a mouse model of pheochromocytoma. Nuclear Medicine and Biology, 2012, 39, 215-226.	0.3	13
53	The influence of spasmolytic agents on heart rate variability and gastrointestinal motility in normal horses. Research in Veterinary Science, 2012, 93, 1426-1433.	0.9	13
54	Relationship between sex and cardiovascular mortality in chronic kidney disease: A systematic review and meta-analysis. PLoS ONE, 2021, 16, e0254554.	1.1	13

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55	DEVELOPMENT OF PERIPHERAL AUTONOMIC SYNAPSES: NEUROTRANSMITTER RECEPTORS, NEUROEFFECTOR ASSOCIATIONS AND NEURAL INFLUENCES. Clinical and Experimental Pharmacology and Physiology, 1999, 26, 581-590.	0.9	12
56	Modulation of ACh-induced currents in rat adrenal chromaffin cells by ligands of Î±2 adrenergic and imidazoline receptors. Autonomic Neuroscience: Basic and Clinical, 2001, 88, 151-159.	1.4	12
57	The Norepinephrine Transporter and Pheochromocytoma. Annals of the New York Academy of Sciences, 2006, 1073, 263-269.	1.8	12
58	Functional expression of muscarinic and purinoceptors in the urinary bladder of male and female rats and guinea pigs. Journal of Smooth Muscle Research, 2010, 46, 201-215.	0.7	12
59	The nuclear oncoprotein TLX1/HOX11 associates with pericentromeric satellite 2 DNA in leukemic T-cells. Leukemia, 2006, 20, 304-312.	3.3	11
60	Intrathecal cGMP elicits pressor responses and maintains mean blood pressure during haemorrhage in anaesthetized rats. Journal of Physiology, 2007, 581, 543-552.	1.3	11
61	Functional effects of genetic polymorphism in inflammatory genes in subjective memory complainers. Neurobiology of Aging, 2012, 33, 1054-1056.	1.5	11
62	Effects of meloxicam and phenylbutazone on renal responses to furosemide, dobutamine, and exercise in horses. American Journal of Veterinary Research, 2014, 75, 668-679.	0.3	11
63	Î±-adrenergic, neurokinin and muscarinic receptors in rat mesenteric artery; an mRNA study during postnatal development. Mechanisms of Ageing and Development, 1996, 92, 235-246.	2.2	10
64	Distinct subpopulations of cyclic guanosine monophosphate (cGMP) and neuronal nitric oxide synthase (nNOS) containing sympathetic preganglionic neurons in spontaneously hypertensive and Wistar-Kyoto rats. Journal of Comparative Neurology, 2006, 497, 566-574.	0.9	10
65	Long-Term Angiotensin II Receptor Blockade Limits Hypertension, Aortic Dysfunction, and Structural Remodeling in a Rat Model of Chronic Kidney Disease. Journal of Vascular Research, 2016, 53, 216-229.	0.6	10
66	Identity centrality moderates the relationship between acceptance of groupâ€based stressors and wellâ€being. European Journal of Social Psychology, 2018, 48, 866-882.	1.5	10
67	Untargeted gas chromatographyâ€“mass spectrometry-based metabolomics analysis of kidney and liver tissue from the Lewis Polycystic Kidney rat. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1118-1119, 25-32.	1.2	10
68	Autonomic Dysfunction in Heart Failure and Renal Disease. Frontiers in Physiology, 2012, 3, 219.	1.3	9
69	Progression of anemia and its relationship with renal function, blood pressure, and erythropoietin in rats with chronic kidney disease. Veterinary Clinical Pathology, 2015, 44, 342-354.	0.3	9
70	Abnormalities associated with progressive aortic vascular dysfunction in chronic kidney disease. Frontiers in Physiology, 2015, 6, 150.	1.3	9
71	Progressive vascular remodelling, endothelial dysfunction and stiffness in mesenteric resistance arteries in a rodent model of chronic kidney disease. Vascular Pharmacology, 2016, 81, 42-52.	1.0	9
72	Nephronophthisis-Pathobiology and Molecular Pathogenesis of a Rare Kidney Genetic Disease. Genes, 2021, 12, 1762.	1.0	9

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73	Protective cardiorenal effects of spironolactone in a rodent model of polycystic kidney disease. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 353-360.	0.9	8
74	Insight into Autonomic Nervous System Control of Heart Rate in the Rat Using Analysis of Heart Rate Variability and Baroreflex Sensitivity. Neuromethods, 2013, , 203-223.	0.2	7
75	Establishing a clinic for young people in a rural setting: a community initiative to meet the needs of rural adolescents. Australian Journal of Primary Health, 2014, 20, 128.	0.4	6
76	AT1 Receptor Antagonism Improves Structural, Functional, and Biomechanical Properties in Resistance Arteries in a Rodent Chronic Kidney Disease Model. American Journal of Hypertension, 2018, 31, 696-705.	1.0	6
77	Renal denervation does not affect hypertension or the renin-angiotensin system in a rodent model of juvenile-onset polycystic kidney disease: clinical implications. Scientific Reports, 2021, 11, 14286.	1.6	6
78	Patient Selection for Renal Denervation in Hypertensive Patients: What Makes a Good Candidate?. Vascular Health and Risk Management, 2022, Volume 18, 375-386.	1.0	6
79	Heterogeneous distribution of basal cyclic guanosine monophosphate within distinct neuronal populations in the hypothalamic paraventricular nucleus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1341-R1350.	0.9	5
80	Osmoregulation in Polycystic Kidney Disease: Relationship with Cystogenesis and Hypertension. Annals of Nutrition and Metabolism, 2018, 72, 33-38.	1.0	5
81	Respiratory sympathetic modulation is augmented in chronic kidney disease. Respiratory Physiology and Neurobiology, 2019, 262, 57-66.	0.7	5
82	Impact of prenatal and postnatal maternal environment on nephron endowment, renal function and blood pressure in the Lewis polycystic kidney rat. Journal of Developmental Origins of Health and Disease, 2019, 10, 154-163.	0.7	5
83	Immunohistochemical assessment of cyclic guanosine monophosphate (cGMP) and soluble guanylate cyclase (sGC) within the rostral ventrolateral medulla. Journal of Biomedical Science, 2008, 15, 801-812.	2.6	4
84	Chronic kidney disease impairs renal nerve and haemodynamic reflex responses to vagal afferent input through a central mechanism. Autonomic Neuroscience: Basic and Clinical, 2017, 204, 65-73.	1.4	4
85	Effect of anaesthetic and choice of neuromuscular blocker on vagal control of heart rate under laboratory animal experimental conditions. Laboratory Animals, 2018, 52, 280-291.	0.5	4
86	Control of blood pressure in the absence of sympathetic nerves: Is it all about increased variability?. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 8-9.	0.9	3
87	Increased excitatory regulation of the hypothalamic paraventricular nucleus and circulating vasopressin results in the hypertension observed in polycystic kidney disease. Journal of Hypertension, 2019, 37, 109-115.	0.3	3
88	Expression of the noradrenaline transporter in the peripheral nervous system. Journal of Chemical Neuroanatomy, 2020, 104, 101742.	1.0	3
89	Amlodipine Improves Vessel Function and Remodeling in the Lewis Polycystic Kidney Rat Mesenteric Artery. American Journal of Hypertension, 2020, 33, 634-643.	1.0	3
90	Upregulated Angiotensin Ia Receptors in the Hypothalamic Paraventricular Nucleus Sensitize Neuroendocrine Vasopressin Release and Blood Pressure in a Rodent Model of Polycystic Kidney Disease. Neuroendocrinology, 2022, 112, 1200-1213.	1.2	3

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91	271 CARDIAC AUTONOMIC DYSFUNCTION IN CHRONIC KIDNEY DISEASE. Journal of Hypertension, 2012, 30, e82.	0.3	1
92	What Underlies the Prolonged Hypotensive Effect of Catheter-Based Renal Denervation in Humans?. Hypertension, 2015, 65, 276-277.	1.3	1
93	Role of renal nerves in normal and pathophysiological conditions. Autonomic Neuroscience: Basic and Clinical, 2017, 204, 1-3.	1.4	1
94	Increased arterial stiffness does not respond to renal denervation in an animal model of secondary hypertension. , 2017, 2017, 258-261.		1
95	Cortistatinâ€”can it or can it not prevent vascular calcification by modulation of Wnt signalling?. Acta Physiologica, 2018, 223, e13089.	1.8	1
96	Augmented Respiratoryâ€“Sympathetic Coupling and Hemodynamic Response to Acute Mild Hypoxia in Female Rodents With Chronic Kidney Disease. Frontiers in Physiology, 2021, 12, 623599.	1.3	1
97	BK channels, baroreflex sensitivity and genetic markers. Journal of Hypertension, 2002, 20, 825-827.	0.3	0
98	SAT-331 RENAL DENERVATION DOES NOT REDUCE BLOOD PRESSURE IN A RODENT MODEL OF POLYCYSTIC KIDNEY DISEASE. Kidney International Reports, 2019, 4, S146.	0.4	0
99	Decreased neural expression of the noradrenaline transporter in the papillary dermis after partial sciatic nerve lesion. Journal of Chemical Neuroanatomy, 2020, 107, 101806.	1.0	0
100	The subfornical organ drives hypertension in polycystic kidney disease via the hypothalamic paraventricular nucleus. Cardiovascular Research, 2022, 118, 1138-1149.	1.8	0