Janusz Sadowski

List of Publications by Year
in descending order

76 papers	1,009 citations	471509 17 h-index	580821 25 g-index
76 all docs	76 docs citations	76 times ranked	760 citing authors

#	Article	IF	Citations
1	Early Renal Vasodilator and Hypotensive Action of Epoxyeicosatrienoic Acid Analog (EET-A) and 20-HETE Receptor Blocker (AAA) in Spontaneously Hypertensive Rats. Frontiers in Physiology, 2021, 12, 622882.	2.8	7
2	Renal Sympathetic Denervation Attenuates Congestive Heart Failure in Angiotensin II-Dependent Hypertension: Studies with Ren-2 Transgenic Hypertensive Rats with Aortocaval Fistula. Kidney and Blood Pressure Research, 2021, 46, 95-113.	2.0	8
3	Role of chymase in blood pressure control, plasma and tissue angiotensin II, renal Haemodynamics, and excretion in <i>spontaneously hypertensive</i> rats. Clinical and Experimental Hypertension, 2021, 43, 1-10.	1.3	5
4	Further evidence against the role renal medullary perfusion in short-term control of arterial pressure in normotensive and mildly or overtly hypertensive rats. Pflugers Archiv European Journal of Physiology, 2021, 473, 623-631.	2.8	3
5	Effects of renal sympathetic denervation on the course of congestive heart failure combined with chronic kidney disease: Insight from studies with fawn-hooded hypertensive rats with volume overload induced using aorto-caval fistula. Clinical and Experimental Hypertension, 2021, 43, 522-535.	1.3	9
6	Increased Endogenous Activity of the Renin-Angiotensin System Reduces Infarct Size in the Rats with Early Angiotensin II-dependent Hypertension which Survive the Acute Ischemia/Reperfusion Injury. Frontiers in Pharmacology, 2021, 12, 679060.	3.5	5
7	Reinvestigation of the tonic natriuretic action of intrarenal dopamine: comparison of two variants of saltâ€dependent hypertension and spontaneously hypertensive rats. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 1280-1287.	1.9	2
8	Effects of Epoxyeicosatrienoic Acid-Enhancing Therapy on the Course of Congestive Heart Failure in Angiotensin II-Dependent Rat Hypertension: From mRNA Analysis towards Functional In Vivo Evaluation. Biomedicines, 2021, 9, 1053.	3.2	11
9	Kidney Response to Chemotherapy-Induced Heart Failure: mRNA Analysis in Normotensive and Ren-2 Transgenic Hypertensive Rats. International Journal of Molecular Sciences, 2021, 22, 8475.	4.1	0
10	Effects of systemic and renal intramedullary endothelin-1 receptor blockade on tissue NO and intrarenal hemodynamics in normotensive and hypertensive rats. European Journal of Pharmacology, 2021, 910, 174445.	3.5	2
11	Kynurenic acid selectively reduces heart rate in spontaneously hypertensive rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 673-679.	3.0	15
12	Interplay of the adenosine system and NO in control of renal haemodynamics and excretion: Comparison of normoglycaemic and streptozotocin diabetic rats. Nitric Oxide - Biology and Chemistry, 2020, 104-105, 20-28.	2.7	1
13	Deleterious Effects of Hyperactivity of the Renin-Angiotensin System and Hypertension on the Course of Chemotherapy-Induced Heart Failure after Doxorubicin Administration: A Study in Ren-2 Transgenic Rat. International Journal of Molecular Sciences, 2020, 21, 9337.	4.1	11
14	Combined treatment with epoxyeicosatrienoic acid analog and 20-hydroxyeicosatetraenoic acid antagonist provides substantial hypotensive effect in spontaneously hypertensive rats. Journal of Hypertension, 2020, 38, 1802-1810.	0.5	12
15	Altered renal medullary blood flow: A key factor or a parallel event in control of sodium excretion and blood pressure?. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 1323-1332.	1.9	8
16	Enhanced Renal Vascular Responsiveness to Angiotensin II and Norepinephrine: A Unique Feature of Female Rats with Congestive Heart Failure. Kidney and Blood Pressure Research, 2019, 44, 1128-1141.	2.0	6
17	Altered Renal Vascular Responsiveness to Vasoactive Agents in Rats with Angiotensin II-Dependent Hypertension and Congestive Heart Failure. Kidney and Blood Pressure Research, 2019, 44, 792-809.	2.0	14
18	Pharmacological Blockade of Soluble Epoxide Hydrolase Attenuates the Progression of Congestive Heart Failure Combined With Chronic Kidney Disease: Insights From Studies With Fawn-Hooded Hypertensive Rats. Frontiers in Pharmacology, 2019, 10, 18.	3.5	9

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19	Addition of Endothelin A-Receptor Blockade Spoils the Beneficial Effect of Combined Renin-Angiotensin and Soluble Epoxide Hydrolase Inhibition: Studies on the Course of Chronic Kidney Disease in 5/6 Nephrectomized Ren-2 Transgenic Hypertensive Rats. Kidney and Blood Pressure Research, 2019, 44, 1493-1505.	2.0	3
20	Evidence against a crucial role of renal medullary perfusion in blood pressure control of hypertensive rats. Journal of Physiology, 2019, 597, 211-223.	2.9	7
21	Modulating Role of Ang1-7 in Control of Blood Pressure and Renal Function in AngII-infused Hypertensive Rats. American Journal of Hypertension, 2018, 31, 504-511.	2.0	13
22	Combined Inhibition of Soluble Epoxide Hydrolase and Renin-Angiotensin System Exhibits Superior Renoprotection to Renin-Angiotensin System Blockade in 5/6 Nephrectomized Ren-2 Transgenic Hypertensive Rats with Established Chronic Kidney Disease. Kidney and Blood Pressure Research, 2018, 43, 329-349.	2.0	10
23	Two pharmacological epoxyeicosatrienoic acid-enhancing therapies are effectively antihypertensive and reduce the severity of ischemic arrhythmias in rats with angiotensin II-dependent hypertension. Journal of Hypertension, 2018, 36, 1326-1341.	0.5	26
24	The Role of Renal Vascular Reactivity in the Development of Renal Dysfunction in Compensated and Decompensated Congestive Heart Failure. Kidney and Blood Pressure Research, 2018, 43, 1730-1741.	2.0	13
25	20-Hydroxyeicosatetraenoic acid antagonist attenuates the development of malignant hypertension and reverses it once established: a study in Cyp1a1-Ren-2 transgenic rats. Bioscience Reports, 2018, 38, .	2.4	13
26	Isovolumic loading of the failing heart by intraventricular placement of a spring expander attenuates cardiac atrophy after heterotopic heart transplantation. Bioscience Reports, 2018, 38, .	2.4	6
27	Clopidogrel Partially Counteracts Adenosine-5â€²-Diphosphate Effects on Blood Pressure and Renal Hemodynamics and Excretion in Rats. American Journal of the Medical Sciences, 2018, 356, 287-295.	1.1	2
28	The role of renal vascular reactivity in the development of renal dysfunction during the phase of compensated and decompensated congestive heart failure. FASEB Journal, 2018, 32, 721.4.	0.5	0
29	Fenofibrate Attenuates Hypertension in Goldblatt Hypertensive Rats: Role of 20-Hydroxyeicosatetraenoic Acid in the Nonclipped Kidney. American Journal of the Medical Sciences, 2017, 353, 568-579.	1.1	8
30	Reninâ€“angiotensin system blockade alone or combined with ETA receptor blockade: effects on the course of chronic kidney disease in 5/6 nephrectomized Ren-2 transgenic hypertensive rats. Clinical and Experimental Hypertension, 2017, 39, 183-195.	1.3	16
31	Intrarenal alterations of the angiotensinâ€converting enzyme type 2/angiotensin 1â€“7 complex of the reninâ€angiotensin system do not alter the course of malignant hypertension in Cyp1a1â€Renâ€2 transgenic rats. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 438-449.	1.9	28
32	Interlobular Arteries From 2-Kidney, 1-Clip Goldblatt Hypertensive Ratsâ€™ Exhibit-Impaired Vasodilator Response to Epoxyeicosatrienoic Acids. American Journal of the Medical Sciences, 2016, 351, 513-519.	1.1	8
33	An endomorphine analog ([d-Ala2]-Endomorphin 2, TAPP) lowers blood pressure and enhances tissue nitric oxide in anesthetized rats. Pharmacological Reports, 2016, 68, 616-619.	3.3	9
34	Fenofibrate Attenuates Malignant Hypertension by Suppression of the Renin-angiotensin System: A Study in Cyp1a1-Ren-2 Transgenic Rats. American Journal of the Medical Sciences, 2016, 352, 618-630.	1.1	18
35	Influence of P2X receptors on renal medullary circulation is not altered by angiotensin II pretreatment. Pharmacological Reports, 2016, 68, 1230-1236.	3.3	3
36	Progression of hypertension and kidney disease in aging fawn-hooded rats is mediated by enhanced influence of reninâ€“angiotensin system and suppression of nitric oxide system and epoxyeicosanoids. Clinical and Experimental Hypertension, 2016, 38, 644-651.	1.3	6

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37	Sexâ€linked differences in the course of chronic kidney disease and congestive heart failure: a study in 5/6 nephrectomized Renâ€2 transgenic hypertensive rats with volume overload induced using aortoâ€caval fistula. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 883-895.	1.9	13
38	Epoxyeicosatrienoic acid analog attenuates the development of malignant hypertension, but does not reverse it once established. Journal of Hypertension, 2016, 34, 2008-2025.	0.5	22
39	Different blood pressure responses to opioids in 3 rat hypertension models: role of the baseline status of sympathetic and reninâ€"angiotensin systems. Canadian Journal of Physiology and Pharmacology, 2016, 94, 1159-1169.	1.4	8
40	An antihypertensive opioid: Biphalin, a synthetic non-addictive enkephalin analog decreases blood pressure in spontaneously hypertensive rats. Pharmacological Reports, 2016, 68, 51-55.	3.3	13
41	Inhibition of soluble epoxide hydrolase counteracts the development of renal dysfunction and progression of congestive heart failure in <scp>R</scp>enâ€2 transgenic hypertensive rats with aortoâ€caval fistula. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 795-807.	1.9	41
42	Orally active epoxyeicosatrienoic acid analog does not exhibit antihypertensive and reno- or cardioprotective actions in two-kidney, one-clip Goldblatt hypertensive rats. Vascular Pharmacology, 2015, 73, 45-56.	2.1	14
43	Effects of systemic administration of kynurenic acid and glycine on renal haemodynamics and excretion in normotensive and spontaneously hypertensive rats. European Journal of Pharmacology, 2014, 743, 37-41.	3.5	23
44	Inhibition of soluble epoxide hydrolase is renoprotective in 5/6 nephrectomized Renâ€2 transgenic hypertensive rats. Clinical and Experimental Pharmacology and Physiology, 2014, 41, 227-237.	1.9	37
45	Different mechanisms of acute versus long-term antihypertensive effects of soluble epoxide hydrolase inhibition: Studies in Cyp1a1-Ren-2 transgenic rats. Clinical and Experimental Pharmacology and Physiology, 2014, 41, 1003-1013.	1.9	20
46	Vascular effects of a tripeptide fragment of novokinine in hypertensive rats: Mechanism of the hypotensive action. Pharmacological Reports, 2014, 66, 856-861.	3.3	6
47	Addition of ETA receptor blockade increases renoprotection provided by reninâ€"angiotensin system blockade in 5/6 nephrectomized Ren-2 transgenic rats. Life Sciences, 2014, 118, 297-305.	4.3	19
48	Adenosine Effects on Renal Function in the Rat: Role of Sodium Intake and Cytochrome P450. Nephron Physiology, 2013, 123, 1-5.	1.2	4
49	Moderate Intrarenal Vasoconstriction after High Pressor Doses of Norepinephrine in the Rat: Comparison with Effects of Angiotensin II. Kidney and Blood Pressure Research, 2011, 34, 307-310.	2.0	6
50	Intrarenal cytochrome P-450 metabolites of arachidonic acid in the regulation of the nonclipped kidney function in two-kidney, one-clip Goldblatt hypertensive rats. Journal of Hypertension, 2010, 28, 582-593.	0.5	21
51	Combined inhibition of 20-hydroxyeicosatetraenoic acid formation and of epoxyeicosatrienoic acids degradation attenuates hypertension and hypertensioninduced end-organ damage in Ren-2 transgenic rats. Clinical Science, 2010, 118, 617-632.	4.3	43
52	Similar renoprotection after reninâ€angiotensinâ€dependent and â€independent antihypertensive therapy in 5/6â€nephrectomized Renâ€2 transgenic rats: are there blood pressureâ€independent effects?. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 1159-1169.	1.9	29
53	Differential action of bradykinin on intrarenal regional perfusion in the rat: waning effect in the cortex and major impact in the medulla. Journal of Physiology, 2009, 587, 3943-3953.	2.9	11
54	Opposed effects of prostaglandin E₂ on perfusion of rat renal cortex and medulla: interactions with the reninâ€"angiotensin system. Experimental Physiology, 2008, 93, 1292-1302.	2.0	16

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55	Sodium intake determines the role of adenosine A2 receptors in control of renal medullary perfusion in the rat. Nephrology Dialysis Transplantation, 2007, 22, 2805-2809.	0.7	10
56	Furosemide-induced renal medullary hypoperfusion in the rat: role of tissue tonicity, prostaglandins and angiotensin II. Journal of Physiology, 2005, 567, 613-620.	2.9	16
57	Renal Medullary Infusion of Indomethacin and Adenosine. Kidney and Blood Pressure Research, 2004, 27, 29-34.	2.0	8
58	Nitric oxide and renal nerves: Comparison of effects on renal circulation and sodium excretion in anesthetized rats. Kidney International, 2004, 66, 705-712.	5.2	14
59	The renal medullary interstitium: focus on osmotic hypertonicity. Clinical and Experimental Pharmacology and Physiology, 2003, 30, 119-126.	1.9	23
60	Prostaglandins but not nitric oxide protect renal medullary perfusion in anaesthetised rats receiving angiotensin II. Journal of Physiology, 2003, 548, 875-880.	2.9	29
61	Differential effect of angiotensin II on blood circulation in the renal medulla and cortex of anaesthetised rats. Journal of Physiology, 2002, 538, 159-166.	2.9	49
62	Renal Vascular Effects of Frusemide in the Rat: Influence of Salt Loading and the Role of Angiotensin II. Experimental Physiology, 2001, 86, 611-616.	2.0	14
63	Early effects of renal denervation in the anaesthetised rat: natriuresis and increased cortical blood flow. Journal of Physiology, 2001, 531, 527-534.	2.9	42
64	Differential Effect of Frusemide on Renal Medullary and Cortical Blood Flow in the Anaesthetised Rat. Experimental Physiology, 2000, 85, 783-789.	2.0	17
65	Differential effect of frusemide on renal medullary and cortical blood flow in the anaesthetised rat. Experimental Physiology, 2000, 85, 783-789.	2.0	8
66	Osmotic hypertonicity of the renal medulla during changes in renal perfusion pressure in the rat. Journal of Physiology, 1998, 508, 929-935.	2.9	21
67	Mechanism of vasopressin natriuresis in the dog: role of vasopressin receptors and prostaglandins. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 274, R1619-R1625.	1.8	13
68	Simultaneous recording of tissue ion content and blood flow in rat renal medulla: evidence on interdependence. American Journal of Physiology - Renal Physiology, 1997, 273, F658-F662.	2.7	14
69	Role of vasopressin V2 receptors in modulation of the renal cortico-papillary NaCl gradient. Pflugers Archiv European Journal of Physiology, 1994, 428, 410-414.	2.8	6
70	Dynamic evaluation of renal electrolyte gradient by in situ tissue impedance studies. Kidney International, 1983, 24, 800-803.	5.2	21
71	Denervated and intact kidney responses to norepinephrine infusion in conscious dogs. Journal of the Autonomic Nervous System, 1982, 6, 373-379.	1.9	14
72	Renal function changes during preoptic-anterior hypothalamic heating in the rabbit. Pflugers Archiv European Journal of Physiology, 1977, 370, 51-57.	2.8	11

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73	Oxygen consumption of nonfiltering dog kidneys. Pflugers Archiv European Journal of Physiology, 1974, 349, 351-358.	2.8	3
74	Effects of renal artery infusion of various hypertonic solutions on the renal blood flow and renal handling of PAH in the dog. Pflugers Archiv European Journal of Physiology, 1972, 334, 85-102.	2.8	8
75	Glomerular filtration changes during renal artery infusion of various hypertonic solutions in the dog. Pflugers Archiv European Journal of Physiology, 1972, 337, 53-58.	2.8	1
76	A simple venous outflow recorder. Pflugers Archiv European Journal of Physiology, 1971, 325, 90-94.	2.8	4