

# Janusz Sadowski

## List of Publications by Citations

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75  
papers

767  
citations

16  
h-index

23  
g-index

76  
ext. papers

897  
ext. citations

3.6  
avg, IF

3.86  
L-index

#	Paper	IF	Citations
75	Differential effect of angiotensin II on blood circulation in the renal medulla and cortex of anaesthetised rats. <i>Journal of Physiology</i> , <b>2002</b> , 538, 159-66	3.9	44
74	Early effects of renal denervation in the anaesthetised rat: natriuresis and increased cortical blood flow. <i>Journal of Physiology</i> , <b>2001</b> , 531, 527-34	3.9	38
73	Combined inhibition of 20-hydroxyeicosatetraenoic acid formation and of epoxyeicosatrienoic acids degradation attenuates hypertension and hypertension-induced end-organ damage in Ren-2 transgenic rats. <i>Clinical Science</i> , <b>2010</b> , 118, 617-32	6.5	37
72	Inhibition of soluble epoxide hydrolase is renoprotective in 5/6 nephrectomized Ren-2 transgenic hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2014</b> , 41, 227-37	3	30
71	Prostaglandins but not nitric oxide protect renal medullary perfusion in anaesthetised rats receiving angiotensin II. <i>Journal of Physiology</i> , <b>2003</b> , 548, 875-80	3.9	27
70	Similar renoprotection after renin-angiotensin-dependent and -independent antihypertensive therapy in 5/6-nephrectomized Ren-2 transgenic rats: are there blood pressure-independent effects?. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2010</b> , 37, 1159-69	3	26
69	Inhibition of soluble epoxide hydrolase counteracts the development of renal dysfunction and progression of congestive heart failure in Ren-2 transgenic hypertensive rats with aorto-caval fistula. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2015</b> , 42, 795-807	3	24
68	Intrarenal alterations of the angiotensin-converting enzyme type 2/angiotensin 1-7 complex of the renin-angiotensin system do not alter the course of malignant hypertension in Cyp1a1-Ren-2 transgenic rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2016</b> , 43, 438-49	3	22
67	The renal medullary interstitium: focus on osmotic hypertonicity. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2003</b> , 30, 119-26	3	21
66	Osmotic hypertonicity of the renal medulla during changes in renal perfusion pressure in the rat. <i>Journal of Physiology</i> , <b>1998</b> , 508 ( Pt 3), 929-35	3.9	20
65	Dynamic evaluation of renal electrolyte gradient by in situ tissue impedance studies. <i>Kidney International</i> , <b>1983</b> , 24, 800-3	9.9	20
64	Two pharmacological epoxyeicosatrienoic acid-enhancing therapies are effectively antihypertensive and reduce the severity of ischemic arrhythmias in rats with angiotensin II-dependent hypertension. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 1326-1341	1.9	19
63	Intrarenal cytochrome P-450 metabolites of arachidonic acid in the regulation of the nonclipped kidney function in two-kidney, one-clip Goldblatt hypertensive rats. <i>Journal of Hypertension</i> , <b>2010</b> , 28, 582-93	1.9	18
62	Epoxyeicosatrienoic acid analog attenuates the development of malignant hypertension, but does not reverse it once established: a study in Cyp1a1-Ren-2 transgenic rats. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 2008-25	1.9	17
61	Addition of ET(A) receptor blockade increases renoprotection provided by renin-angiotensin system blockade in 5/6 nephrectomized Ren-2 transgenic rats. <i>Life Sciences</i> , <b>2014</b> , 118, 297-305	6.8	17
60	Fenofibrate Attenuates Malignant Hypertension by Suppression of the Renin-angiotensin System: A Study in Cyp1a1-Ren-2 Transgenic Rats. <i>American Journal of the Medical Sciences</i> , <b>2016</b> , 352, 618-630	2.2	17
59	Different mechanisms of acute versus long-term antihypertensive effects of soluble epoxide hydrolase inhibition: studies in Cyp1a1-Ren-2 transgenic rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2014</b> , 41, 1003-13	3	16

58	Opposed effects of prostaglandin E2 on perfusion of rat renal cortex and medulla: interactions with the renin-angiotensin system. <i>Experimental Physiology</i> , <b>2008</b> , 93, 1292-302	2.4	15
57	Nitric oxide and renal nerves: comparison of effects on renal circulation and sodium excretion in anesthetized rats. <i>Kidney International</i> , <b>2004</b> , 66, 705-12	9.9	13
56	Furosemide-induced renal medullary hypoperfusion in the rat: role of tissue tonicity, prostaglandins and angiotensin II. <i>Journal of Physiology</i> , <b>2005</b> , 567, 613-20	3.9	13
55	Differential Effect of Frusemide on Renal Medullary and Cortical Blood Flow in the Anaesthetised Rat. <i>Experimental Physiology</i> , <b>2000</b> , 85, 783-789	2.4	13
54	Denervated and intact kidney responses to norepinephrine infusion in conscious dogs. <i>Journal of the Autonomic Nervous System</i> , <b>1982</b> , 6, 373-9		12
53	Renin-angiotensin system blockade alone or combined with ET receptor blockade: effects on the course of chronic kidney disease in 5/6 nephrectomized Ren-2 transgenic hypertensive rats. <i>Clinical and Experimental Hypertension</i> , <b>2017</b> , 39, 183-195	2.2	11
52	Orally active epoxyeicosatrienoic acid analog does not exhibit antihypertensive and reno- or cardioprotective actions in two-kidney, one-clip Goldblatt hypertensive rats. <i>Vascular Pharmacology</i> , <b>2015</b> , 73, 45-56	5.9	11
51	Effects of systemic administration of kynurenic acid and glycine on renal haemodynamics and excretion in normotensive and spontaneously hypertensive rats. <i>European Journal of Pharmacology</i> , <b>2014</b> , 743, 37-41	5.3	11
50	Simultaneous recording of tissue ion content and blood flow in rat renal medulla: evidence on interdependence. <i>American Journal of Physiology - Renal Physiology</i> , <b>1997</b> , 273, F658-62	4.3	11
49	Renal vascular effects of frusemide in the rat: influence of salt loading and the role of angiotensin II. <i>Experimental Physiology</i> , <b>2001</b> , 86, 611-6	2.4	11
48	Renal function changes during preoptic-anterior hypothalamic heating in the rabbit. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1977</b> , 370, 51-57	4.6	11
47	An antihypertensive opioid: Biphalin, a synthetic non-addictive enkephalin analog decreases blood pressure in spontaneously hypertensive rats. <i>Pharmacological Reports</i> , <b>2016</b> , 68, 51-5	3.9	10
46	Sex-linked differences in the course of chronic kidney disease and congestive heart failure: a study in 5/6 nephrectomized Ren-2 transgenic hypertensive rats with volume overload induced using aorto-caval fistula. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2016</b> , 43, 883-95	3	10
45	Modulating Role of Ang1-7 in Control of Blood Pressure and Renal Function in AngII-infused Hypertensive Rats. <i>American Journal of Hypertension</i> , <b>2018</b> , 31, 504-511	2.3	9
44	Altered Renal Vascular Responsiveness to Vasoactive Agents in Rats with Angiotensin II-Dependent Hypertension and Congestive Heart Failure. <i>Kidney and Blood Pressure Research</i> , <b>2019</b> , 44, 792-809	3.1	9
43	Differential action of bradykinin on intrarenal regional perfusion in the rat: waning effect in the cortex and major impact in the medulla. <i>Journal of Physiology</i> , <b>2009</b> , 587, 3943-53	3.9	9
42	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. <i>Kidney and Blood Pressure Research</i> , <b>2018</b> , 43, 329-349	3.1	8
41	Sodium intake determines the role of adenosine A2 receptors in control of renal medullary perfusion in the rat. <i>Nephrology Dialysis Transplantation</i> , <b>2007</b> , 22, 2805-9	4.3	8

40	Renal medullary infusion of indomethacin and adenosine. Effects on local blood flow, tissue ion content and renal excretion. <i>Kidney and Blood Pressure Research</i> , <b>2004</b> , 27, 29-34	3.1	8
39	Mechanism of vasopressin natriuresis in the dog: role of vasopressin receptors and prostaglandins. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1998</b> , 274, R1619-25	3.2	8
38	Effects of renal artery infusion of various hypertonic solutions on the renal blood flow and renal handling of PAH in the dog. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1972</b> , 334, 85-102	4.6	8
37	Differential Effect of Frusemide on Renal Medullary and Cortical Blood Flow in the Anaesthetised Rat <b>2000</b> , 85, 783		8
36	Kynurenic acid selectively reduces heart rate in spontaneously hypertensive rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2020</b> , 393, 673-679	3.4	8
35	An endomorphine analog ([d-Ala(2)]-Endomorphin 2, TAPP) lowers blood pressure and enhances tissue nitric oxide in anesthetized rats. <i>Pharmacological Reports</i> , <b>2016</b> , 68, 616-9	3.9	8
34	The Role of Renal Vascular Reactivity in the Development of Renal Dysfunction in Compensated and Decompensated Congestive Heart Failure. <i>Kidney and Blood Pressure Research</i> , <b>2018</b> , 43, 1730-1741	3.1	8
33	20-Hydroxyeicosatetraenoic acid antagonist attenuates the development of malignant hypertension and reverses it once established: a study in Cyp1a1-Ren-2 transgenic rats. <i>Bioscience Reports</i> , <b>2018</b> , 38,	4.1	8
32	Fenofibrate Attenuates Hypertension in Goldblatt Hypertensive Rats: Role of 20-Hydroxyeicosatetraenoic Acid in the Nonclipped Kidney. <i>American Journal of the Medical Sciences</i> , <b>2017</b> , 353, 568-579	2.2	7
31	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. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 18	5.6	7
30	Interlobular Arteries From 2-Kidney, 1-Clip Goldblatt Hypertensive Rats Exhibit Impaired Vasodilator Response to Epoxyeicosatrienoic Acids. <i>American Journal of the Medical Sciences</i> , <b>2016</b> , 351, 513-9	2.2	7
29	Moderate intrarenal vasoconstriction after high pressor doses of norepinephrine in the rat: comparison with effects of angiotensin II. <i>Kidney and Blood Pressure Research</i> , <b>2011</b> , 34, 307-10	3.1	6
28	Role of vasopressin V2 receptors in modulation of the renal cortico-papillary NaCl gradient. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1994</b> , 428, 410-4	4.6	6
27	Combined treatment with epoxyeicosatrienoic acid analog and 20-hydroxyeicosatetraenoic acid antagonist provides substantial hypotensive effect in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 1802-1810	1.9	6
26	Altered renal medullary blood flow: A key factor or a parallel event in control of sodium excretion and blood pressure?. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2020</b> , 47, 1323-1332	3	5
25	Progression of hypertension and kidney disease in aging fawn-hooded rats is mediated by enhanced influence of renin-angiotensin system and suppression of nitric oxide system and epoxyeicosanoids. <i>Clinical and Experimental Hypertension</i> , <b>2016</b> , 38, 644-651	2.2	5
24	Vascular effects of a tripeptide fragment of novokinin in hypertensive rats: Mechanism of the hypotensive action. <i>Pharmacological Reports</i> , <b>2014</b> , 66, 856-61	3.9	4
23	Adenosine effects on renal function in the rat: role of sodium intake and cytochrome P450. <i>Nephron Physiology</i> , <b>2013</b> , 123, 1-5		4

22	A simple venous outflow recorder. Application for measurement of the renal blood flow in the dog. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1971</b> , 325, 90-4	4.6	4
21	Evidence against a crucial role of renal medullary perfusion in blood pressure control of hypertensive rats. <i>Journal of Physiology</i> , <b>2019</b> , 597, 211-223	3.9	4
20	Different blood pressure responses to opioids in 3 rat hypertension models: role of the baseline status of sympathetic and renin-angiotensin systems. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2016</b> , 94, 1159-1169	2.4	3
19	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. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
18	Early Renal Vasodilator and Hypotensive Action of Epoxyeicosatrienoic Acid Analog (EET-A) and 20-HETE Receptor Blocker (AAA) in Spontaneously Hypertensive Rats. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 622882	4.6	3
17	Clopidogrel Partially Counteracts Adenosine-5'Diphosphate Effects on Blood Pressure and Renal Hemodynamics and Excretion in Rats. <i>American Journal of the Medical Sciences</i> , <b>2018</b> , 356, 287-295	2.2	2
16	Enhanced Renal Vascular Responsiveness to Angiotensin II and Norepinephrine: A Unique Feature of Female Rats with Congestive Heart Failure. <i>Kidney and Blood Pressure Research</i> , <b>2019</b> , 44, 1128-1141	3.1	2
15	Oxygen consumption of nonfiltering dog kidneys. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1974</b> , 349, 351-8	4.6	2
14	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. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 679060	5.6	2
13	Influence of P2X receptors on renal medullary circulation is not altered by angiotensin II pretreatment. <i>Pharmacological Reports</i> , <b>2016</b> , 68, 1230-1236	3.9	2
12	Renal Sympathetic Denervation Attenuates Congestive Heart Failure in Angiotensin II-Dependent Hypertension: Studies with Ren-2 Transgenic Hypertensive Rats with Aortocaval Fistula. <i>Kidney and Blood Pressure Research</i> , <b>2021</b> , 46, 95-113	3.1	2
11	Further evidence against the role renal medullary perfusion in short-term control of arterial pressure in normotensive and mildly or overtly hypertensive rats. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2021</b> , 473, 623-631	4.6	2
10	Glomerular filtration changes during renal artery infusion of various hypertonic solutions in the dog. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1972</b> , 337, 53-8	4.6	1
9	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. <i>Clinical and Experimental Hypertension</i> , <b>2021</b> , 43, 522-535	2.2	1
8	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. <i>Kidney and Blood Pressure Research</i> , <b>2019</b> , 44, 1493-1505	3.1	1
7	Role of chymase in blood pressure control, plasma and tissue angiotensin II, renal Haemodynamics, and excretion in rats. <i>Clinical and Experimental Hypertension</i> , <b>2021</b> , 43, 392-401	2.2	1
6	Isovolumic loading of the failing heart by intraventricular placement of a spring expander attenuates cardiac atrophy after heterotopic heart transplantation. <i>Bioscience Reports</i> , <b>2018</b> , 38,	4.1	1
5	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. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	1

4	Effects of systemic and renal intramedullary endothelin-1 receptor blockade on tissue NO and intrarenal hemodynamics in normotensive and hypertensive rats. <i>European Journal of Pharmacology</i> , <b>2021</b> , 910, 174445	5.3	1
3	Reinvestigation of the tonic natriuretic action of intrarenal dopamine: comparison of two variants of salt-dependent hypertension and spontaneously hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2021</b> , 48, 1280-1287	3	0
2	The role of renal vascular reactivity in the development of renal dysfunction during the phase of compensated and decompensated congestive heart failure. <i>FASEB Journal</i> , <b>2018</b> , 32, 721.4	0.9	
1	Interplay of the adenosine system and NO in control of renal haemodynamics and excretion: Comparison of normoglycaemic and streptozotocin diabetic rats. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2020</b> , 104-105, 20-28	5	