

Josephine P Briggs

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78
papers

4,928
citations

38
h-index

69
g-index

92
ext. papers

5,473
ext. citations

9.7
avg, IF

5.05
L-index

#	Paper	IF	Citations
78	Effect of ramipril vs amlodipine on renal outcomes in hypertensive nephrosclerosis: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2001 , 285, 2719-28	27.4	673
77	Chronic kidney disease awareness, prevalence, and trends among U.S. adults, 1999 to 2000. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 180-8	12.7	573
76	Direct demonstration of macula densa-mediated renin secretion. <i>Science</i> , 1987 , 237, 1618-20	33.3	180
75	Nomenclature for kidney function and disease: report of a Kidney Disease: Improving Global Outcomes (KDIGO) Consensus Conference. <i>Kidney International</i> , 2020 , 97, 1117-1129	9.9	176
74	Micropuncture studies of the renal effects of atrial natriuretic substance. <i>Pflugers Archiv European Journal of Physiology</i> , 1982 , 395, 271-6	4.6	161
73	The zebrafish: a new model organism for integrative physiology. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 282, R3-9	3.2	145
72	Regulation of cyclooxygenase expression in the kidney by dietary salt intake. <i>American Journal of Physiology - Renal Physiology</i> , 1998 , 274, F481-9	4.3	137
71	Low chloride stimulation of prostaglandin E2 release and cyclooxygenase-2 expression in a mouse macula densa cell line. <i>Journal of Biological Chemistry</i> , 2000 , 275, 37922-9	5.4	133
70	Major contribution of tubular secretion to creatinine clearance in mice. <i>Kidney International</i> , 2010 , 77, 519-26	9.9	127
69	MAPK mediation of hypertonicity-stimulated cyclooxygenase-2 expression in renal medullary collecting duct cells. <i>Journal of Biological Chemistry</i> , 2000 , 275, 23281-6	5.4	100
68	Transforming Evidence Generation to Support Health and Health Care Decisions. <i>New England Journal of Medicine</i> , 2016 , 375, 2395-2400	59.2	88
67	Tubuloglomerular feedback: mechanistic insights from gene-manipulated mice. <i>Kidney International</i> , 2008 , 74, 418-26	9.9	84
66	Influence of genetic background and gender on hypertension and renal failure in COX-2-deficient mice. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 288, F1125-32	4.3	79
65	Renal disease and the development of hypertension in salt-sensitive Dahl rats. <i>Kidney International</i> , 1988 , 33, 1119-29	9.9	79
64	Tubuloglomerular feedback, prostaglandins, and angiotensin in the autoregulation of glomerular filtration rate. <i>Kidney International</i> , 1984 , 25, 53-64	9.9	78
63	Lack of A1 adenosine receptors augments diabetic hyperfiltration and glomerular injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 722-30	12.7	76
62	Association between serum homocysteine and markers of impaired kidney function in adults in the United States. <i>Kidney International</i> , 2004 , 66, 303-12	9.9	76

61	Dopamine receptor antagonists inhibit the natriuretic response to atrial natriuretic factor (ANF). <i>Life Sciences</i> , 1985 , 36, 2171-6	6.8	74
60	Direct vasoconstriction as a possible cause for amphotericin B-induced nephrotoxicity in rats. <i>Journal of Clinical Investigation</i> , 1991 , 87, 2097-107	15.9	74
59	Renal function in mice with targeted disruption of the A isoform of the Na-K-2Cl co-transporter. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 440-8	12.7	72
58	Effects of furosemide and verapamil on the NaCl dependency of macula densa-mediated renin secretion. <i>Hypertension</i> , 1995 , 26, 137-42	8.5	69
57	Intracellular ATP can regulate afferent arteriolar tone via ATP-sensitive K ⁺ channels in the rabbit. <i>Journal of Clinical Investigation</i> , 1992 , 90, 733-40	15.9	65
56	Macula densa control of renin secretion and preglomerular resistance in mice with selective deletion of the B isoform of the Na,K,2Cl co-transporter. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 2143-52	12.7	64
55	Inhibition of nNOS expression in the macula densa by COX-2-derived prostaglandin E(2). <i>American Journal of Physiology - Renal Physiology</i> , 2004 , 287, F152-9	4.3	64
54	Regulation of cyclooxygenase-2 expression in renal medulla by tonicity in vivo and in vitro. <i>American Journal of Physiology - Renal Physiology</i> , 1999 , 277, F1-9	4.3	64
53	Inhibition of macula densa-stimulated renin secretion by pharmacological blockade of cyclooxygenase-2. <i>American Journal of Physiology - Renal Physiology</i> , 1999 , 277, F706-10	4.3	62
52	Participation of renal cortical prostaglandins in the regulation of glomerular filtration rate. <i>Kidney International</i> , 1981 , 19, 802-15	9.9	60
51	Impaired glucose tolerance in the absence of adenosine A1 receptor signaling. <i>Diabetes</i> , 2011 , 60, 2578-87	5.9	59
50	Vasoconstrictor and vasodilator effects of adenosine in the mouse kidney due to preferential activation of A1 or A2 adenosine receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 1150-7	4.7	59
49	Hypertonic induction of COX-2 in collecting duct cells by reactive oxygen species of mitochondrial origin. <i>Journal of Biological Chemistry</i> , 2005 , 280, 34966-73	5.4	59
48	Renin and renin mRNA in proximal tubules of the rat kidney. <i>Journal of Clinical Investigation</i> , 1994 , 94, 237-43	15.9	51
47	The effect of frequent hemodialysis on nutrition and body composition: frequent Hemodialysis Network Trial. <i>Kidney International</i> , 2012 , 82, 90-9	9.9	50
46	Salt sensitivity of blood pressure in NKCC1-deficient mice. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 295, F1230-8	4.3	48
45	Insulin-responsive glucose transporter expression in renal microvessels and glomeruli. <i>Kidney International</i> , 1992 , 42, 1086-92	9.9	46
44	Regulation of renin secretion and expression in mice deficient in beta1- and beta2-adrenergic receptors. <i>Hypertension</i> , 2007 , 50, 103-9	8.5	45

43	Whys and wherefores of juxtaglomerular apparatus function. <i>Kidney International</i> , 1996 , 49, 1724-6	9.9	43
42	K/DOQI Clinical Practice Guidelines for Bone Metabolism and Disease in Children with Chronic Kidney Disease. <i>American Journal of Kidney Diseases</i> , 2005 , 46, 4	7.4	39
41	Stimulation of renin secretion by angiotensin II blockade is Gsalpha-dependent. <i>Journal of the American Society of Nephrology: JASN</i> , 2010 , 21, 986-92	12.7	34
40	Genetic and genomic tools for zebrafish research: the NIH zebrafish initiative. <i>Developmental Dynamics</i> , 2003 , 228, 490-6	2.9	32
39	Intracellular signalling pathways in the vasoconstrictor response of mouse afferent arterioles to adenosine. <i>Acta Physiologica</i> , 2007 , 191, 89-97	5.6	28
38	Feedback-mediated reduction of glomerular filtration rate during infusion of hypertonic saline. <i>Kidney International</i> , 1981 , 20, 462-8	9.9	28
37	Tubular control of renin synthesis and secretion. <i>Pflugers Archiv European Journal of Physiology</i> , 2013 , 465, 39-51	4.6	26
36	Perspectives on complementary and alternative medicine research. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 691-2	27.4	26
35	Post-translational processing and renal expression of mouse Indian hedgehog. <i>Journal of Biological Chemistry</i> , 1997 , 272, 8466-73	5.4	25
34	Epithelial COX-2 expression is not regulated by nitric oxide in rodent renal cortex. <i>Hypertension</i> , 2002 , 39, 848-53	8.5	25
33	Persistence of circadian variation in arterial blood pressure in beta1/beta2-adrenergic receptor-deficient mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R1427-34	3.2	23
32	The macula densa is worth its salt. <i>Journal of Clinical Investigation</i> , 1999 , 104, 1007-9	15.9	23
31	Plasma renin in mice with one or two renin genes. <i>Acta Physiologica Scandinavica</i> , 2004 , 181, 431-7		22
30	Time course of stimulation of renal renin messenger RNA by furosemide. <i>Hypertension</i> , 1993 , 21, 36-41	8.5	21
29	Vasoconstrictor responses in thromboxane receptor knockout mice: tubuloglomerular feedback and ureteral obstruction. <i>Acta Physiologica Scandinavica</i> , 2000 , 168, 201-7		20
28	Patterns of Kidney Function Decline in Autosomal Dominant Polycystic Kidney Disease: A Post Hoc Analysis From the HALT-PKD Trials. <i>American Journal of Kidney Diseases</i> , 2018 , 71, 666-676	7.4	18
27	Renal failure in mice with Gsalpha deletion in juxtaglomerular cells. <i>American Journal of Nephrology</i> , 2010 , 32, 83-94	4.6	18
26	Reliability of urinary albumin, total protein, and creatinine assays after prolonged storage: the Family Investigation of Nephropathy and Diabetes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2007 , 2, 1156-62	6.9	18

25	Tubuloglomerular feedback and glomerular morphology in Goldblatt hypertensive rats on varying protein diets. <i>Kidney International</i> , 1986 , 29, 520-9	9.9	18
24	Excessive myocardial calcinosis in a chronic hemodialyzed patient. <i>Klinische Wochenschrift</i> , 1987 , 65, 97-100		18
23	Function of the Juxtaglomerular Apparatus 2008 , 589-626		17
22	Enhanced tubuloglomerular feedback in mice with vascular overexpression of A1 adenosine receptors. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 297, F1256-64	4.3	16
21	Synthesis and secretion of renin in mice with induced genetic mutations. <i>Kidney International</i> , 2012 , 81, 529-38	9.9	16
20	Further evidence for an inverse relationship between macula densa NaCl concentration and filtration rate. <i>Pflugers Archiv European Journal of Physiology</i> , 1982 , 392, 372-8	4.6	16
19	SA gene expression in the proximal tubule of normotensive and hypertensive rats. <i>Hypertension</i> , 1996 , 27, 541-51	8.5	16
18	Dense-core vesicle proteins IA-2 and IA-2{beta} affect renin synthesis and secretion through the {beta}-adrenergic pathway. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 296, F382-9	4.3	14
17	Reporter gene recombination in juxtaglomerular granular and collecting duct cells by human renin promoter-Cre recombinase transgene. <i>Physiological Genomics</i> , 2006 , 25, 277-85	3.6	14
16	Macula densa control of renin secretion and glomerular vascular tone: evidence for common cellular mechanisms. <i>Kidney and Blood Pressure Research</i> , 1986 , 9, 193-203	3.1	14
15	Measurement of plasma volume using fluorescent silica-based nanoparticles. <i>Journal of Applied Physiology</i> , 2012 , 112, 681-7	3.7	12
14	Evidence-based medicine in the dialysis unit: a few lessons from the USRDS and the NCDS and HEMO trials. <i>Seminars in Dialysis</i> , 2004 , 17, 136-41	2.5	12
13	Filtration pressure response to infusion of atrial natriuretic peptides. <i>Pflugers Archiv European Journal of Physiology</i> , 1986 , 406, 237-9	4.6	12
12	Convergence of major physiological stimuli for renin release on the Gs-alpha/cyclic adenosine monophosphate signaling pathway. <i>Clinical and Experimental Nephrology</i> , 2012 , 16, 17-24	2.5	11
11	Cellular mechanisms within the juxtaglomerular apparatus. <i>American Journal of Hypertension</i> , 1990 , 3, 76-80	2.3	9
10	A method for superfusion of the isolated perfused tubule. <i>Kidney International</i> , 1988 , 33, 1009-12	9.9	8
9	The hunt for the perfect biomarker for acute kidney injury: back to gamma-trace?. <i>Kidney International</i> , 2008 , 74, 987-9	9.9	7
8	Building the evidence base for integrative approaches to care of cancer survivors. <i>Journal of the National Cancer Institute Monographs</i> , 2014 , 2014, 288	4.8	5

7	Effect of loop of Henle flow rate on glomerular capillary pressure. <i>Kidney and Blood Pressure Research</i> , 1984 , 7, 311-20	3.1	3
6	Integrity of active components of botanical products used in complementary and alternative medicine. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 300, 1995; author reply 1995-6	27.4	2
5	Regulatory Role of the Tubuloglomerular Feedback Mechanism 1984 , 143-153		2
4	Acupuncture and Sham Acupuncture for Pain Relief-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 1503	27.4	
3	More about the evidence in evidence-based integrative medicine programs. <i>Academic Medicine</i> , 2010 , 85, 183; author reply 186-7	3.9	
2	Intensive versus moderate blood-pressure control in normotensive patients with type 2 diabetes. <i>Nature Clinical Practice Nephrology</i> , 2007 , 3, 304-5		
1	Introducing a Special Series: Addressing Racial and Ethnic Disparities in Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 2417-2418	12.7	