

# Nadine Bouby

## List of Publications by Citations

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96  
papers

3,380  
citations

36  
h-index

55  
g-index

104  
ext. papers

3,788  
ext. citations

6  
avg, IF

4.91  
L-index

#	Paper	IF	Citations
96	Vasopressin: a novel target for the prevention and retardation of kidney disease?. <i>Nature Reviews Nephrology</i> , <b>2013</b> , 9, 223-39	14.9	139
95	Copeptin, a marker of vasopressin, in abdominal obesity, diabetes and microalbuminuria: the prospective Malmö Diet and Cancer Study cardiovascular cohort. <i>International Journal of Obesity</i> , <b>2013</b> , 37, 598-603	5.5	128
94	Sex difference in urine concentration across differing ages, sodium intake, and level of kidney disease. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2007</b> , 292, R700-5	3.2	125
93	Genetically increased angiotensin I-converting enzyme level and renal complications in the diabetic mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 13330-4	11.5	119
92	Vasopressin contributes to hyperfiltration, albuminuria, and renal hypertrophy in diabetes mellitus: study in vasopressin-deficient Brattleboro rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 10397-402	11.5	111
91	Low water intake and risk for new-onset hyperglycemia. <i>Diabetes Care</i> , <b>2011</b> , 34, 2551-4	14.6	103
90	Vasopressin increases urinary albumin excretion in rats and humans: involvement of V2 receptors and the renin-angiotensin system. <i>Nephrology Dialysis Transplantation</i> , <b>2003</b> , 18, 497-506	4.3	101
89	Chronic exposure to vasopressin upregulates ENaC and sodium transport in the rat renal collecting duct and lung. <i>Hypertension</i> , <b>2001</b> , 38, 1143-9	8.5	100
88	Vasopressin-V2 receptor stimulation reduces sodium excretion in healthy humans. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2005</b> , 16, 1920-8	12.7	97
87	Effect of apelin on glomerular hemodynamic function in the rat kidney. <i>Kidney International</i> , <b>2008</b> , 74, 486-94	9.9	93
86	Expression of type 1 angiotensin II receptor subtypes and angiotensin II-induced calcium mobilization along the rat nephron. <i>Journal of the American Society of Nephrology: JASN</i> , <b>1997</b> , 8, 1658-67	12.7	89
85	Comparison between copeptin and vasopressin in a population from the community and in people with chronic kidney disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, 4656-63	5.6	87
84	Vasopressin V2 receptors, ENaC, and sodium reabsorption: a risk factor for hypertension?. <i>American Journal of Physiology - Renal Physiology</i> , <b>2010</b> , 299, F917-28	4.3	82
83	Vasopressin increases glomerular filtration rate in conscious rats through its antidiuretic action. <i>Journal of the American Society of Nephrology: JASN</i> , <b>1996</b> , 7, 842-51	12.7	77
82	Hydration and Chronic Kidney Disease Progression: A Critical Review of the Evidence. <i>American Journal of Nephrology</i> , <b>2016</b> , 43, 281-92	4.6	76
81	Sodium excretion in response to vasopressin and selective vasopressin receptor antagonists. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2008</b> , 19, 1721-31	12.7	75
80	Effect of water intake on the progression of chronic renal failure in the 5/6 nephrectomized rat. <i>American Journal of Physiology - Renal Physiology</i> , <b>1990</b> , 258, F973-9	4.3	73

79	Protein- and diabetes-induced glomerular hyperfiltration: role of glucagon, vasopressin, and urea. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 309, F2-23	4.3	65
78	Plasma copeptin and renal outcomes in patients with type 2 diabetes and albuminuria. <i>Diabetes Care</i> , <b>2013</b> , 36, 3639-45	14.6	59
77	Diabetes-induced albuminuria: role of antidiuretic hormone as revealed by chronic V2 receptor antagonism in rats. <i>Nephrology Dialysis Transplantation</i> , <b>2003</b> , 18, 1755-63	4.3	59
76	Selective ADH-induced hypertrophy of the medullary thick ascending limb in Brattleboro rats. <i>Kidney International</i> , <b>1985</b> , 28, 456-66	9.9	59
75	Vasopressin and hydration play a major role in the development of glucose intolerance and hepatic steatosis in obese rats. <i>Diabetologia</i> , <b>2015</b> , 58, 1081-90	10.3	58
74	Contribution of vasopressin to progression of chronic renal failure: study in Brattleboro rats. <i>Life Sciences</i> , <b>1999</b> , 65, 991-1004	6.8	56
73	Plasma Copeptin, AVP Gene Variants, and Incidence of Type 2 Diabetes in a Cohort From the Community. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 2432-9	5.6	52
72	Selective kinin receptor agonists as cardioprotective agents in myocardial ischemia and diabetes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2013</b> , 346, 23-30	4.7	45
71	Kallikrein protects against microalbuminuria in experimental type I diabetes. <i>Kidney International</i> , <b>2009</b> , 76, 395-403	9.9	45
70	Direct and indirect cost of urea excretion. <i>Kidney International</i> , <b>1996</b> , 49, 1598-607	9.9	44
69	Apelin counteracts vasopressin-induced water reabsorption via cross talk between apelin and vasopressin receptor signaling pathways in the rat collecting duct. <i>Endocrinology</i> , <b>2014</b> , 155, 4483-93	4.8	42
68	Murine models of myocardial and limb ischemia: diagnostic end-points and relevance to clinical problems. <i>Vascular Pharmacology</i> , <b>2006</b> , 45, 281-301	5.9	41
67	Plasma Copeptin, Kidney Outcomes, Ischemic Heart Disease, and All-Cause Mortality in People With Long-standing Type 1 Diabetes. <i>Diabetes Care</i> , <b>2016</b> , 39, 2288-2295	14.6	41
66	Renal synthesis of arginine in chronic renal failure: in vivo and in vitro studies in rats with 5/6 nephrectomy. <i>Kidney International</i> , <b>1993</b> , 44, 676-83	9.9	40
65	Quick isolation of rat medullary thick ascending limbs. Enzymatic and metabolic characterization. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1986</b> , 407, 228-34	4.6	40
64	Role of the urinary concentrating process in the renal effects of high protein intake. <i>Kidney International</i> , <b>1988</b> , 34, 4-12	9.9	40
63	Mild dehydration, vasopressin and the kidney: animal and human studies. <i>European Journal of Clinical Nutrition</i> , <b>2003</b> , 57 Suppl 2, S39-46	5.2	39
62	Long-term effects of vasopressin on the subcellular localization of ENaC in the renal collecting system. <i>Kidney International</i> , <b>2006</b> , 69, 1024-32	9.9	38

61	Cyclic AMP is a hepatorenal link influencing natriuresis and contributing to glucagon-induced hyperfiltration in rats. <i>Journal of Clinical Investigation</i> , <b>1996</b> , 98, 2251-8	15.9	35
60	Chronic V2 vasopressin receptor stimulation increases basal blood pressure and exacerbates deoxycorticosterone acetate-salt hypertension. <i>Endocrinology</i> , <b>2002</b> , 143, 2759-66	4.8	33
59	Vasopressin-dependent kidney hypertrophy: role of urinary concentration in protein-induced hypertrophy and in the progression of chronic renal failure. <i>American Journal of Kidney Diseases</i> , <b>1991</b> , 17, 661-5	7.4	33
58	Effect of high protein intake on sodium, potassium-dependent adenosine triphosphatase activity in the thick ascending limb of Henle's loop in the rat. <i>Clinical Science</i> , <b>1988</b> , 74, 319-29	6.5	31
57	Vasopressin and metabolic disorders: translation from experimental models to clinical use. <i>Journal of Internal Medicine</i> , <b>2017</b> , 282, 298-309	10.8	29
56	Functional adaptation of thick ascending limb and internephron heterogeneity to urine concentration. <i>Kidney International</i> , <b>1987</b> , 31, 549-55	9.9	29
55	Plasma Copeptin and Decline in Renal Function in a Cohort from the Community: The Prospective D.E.S.I.R. Study. <i>American Journal of Nephrology</i> , <b>2015</b> , 42, 107-14	4.6	28
54	Effects of hydration on plasma copeptin, glycemia and gluco-regulatory hormones: a water intervention in humans. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 315-324	5.2	28
53	The role of the kidney in the maintenance of water balance. <i>Bailliere's Clinical Endocrinology and Metabolism</i> , <b>1989</b> , 3, 249-311		27
52	Acute and chronic hyperglycemic effects of vasopressin in normal rats: involvement of V receptors. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2017</b> , 312, E127-E135	6	25
51	Synthesis and fragmentation of hyaluronan in renal ischaemia. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 3771-81	4.3	24
50	Selective blockade of vasopressin V2 receptors reveals significant V2-mediated water reabsorption in Brattleboro rats with diabetes insipidus. <i>Nephrology Dialysis Transplantation</i> , <b>2001</b> , 16, 725-34	4.3	22
49	Pathophysiology of genetic deficiency in tissue kallikrein activity in mouse and man. <i>Thrombosis and Haemostasis</i> , <b>2013</b> , 110, 476-83	7	21
48	Kinins as therapeutic agents in cardiovascular and renal diseases. <i>Current Pharmaceutical Design</i> , <b>2011</b> , 17, 2654-62	3.3	20
47	Plasma copeptin and chronic kidney disease risk in 3 European cohorts from the general population. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	20
46	Genetically determined angiotensin converting enzyme level and myocardial tolerance to ischemia. <i>FASEB Journal</i> , <b>2010</b> , 24, 4691-700	0.9	19
45	Tamm-Horsfall protein excretion during chronic alterations in urinary concentration and protein intake in the rat. <i>Kidney and Blood Pressure Research</i> , <b>1991</b> , 14, 236-45	3.1	18
44	Stimulation of tubular reabsorption of magnesium and calcium by antidiuretic hormone in conscious rats. Study in Brattleboro rats with hereditary hypothalamic diabetes insipidus. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1984</b> , 402, 458-64	4.6	18

43	Kinin receptor agonism restores hindlimb postischemic neovascularization capacity in diabetic mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2015</b> , 352, 218-26	4.7	17
42	Improvement of skin wound healing in diabetic mice by kinin B2 receptor blockade. <i>Clinical Science</i> , <b>2016</b> , 130, 45-56	6.5	16
41	Antihypertensive role of tissue kallikrein in hyperaldosteronism in the mouse. <i>Endocrinology</i> , <b>2012</b> , 153, 3886-96	4.8	16
40	Relationship between Sodium Intake and Water Intake: The False and the True. <i>Annals of Nutrition and Metabolism</i> , <b>2017</b> , 70 Suppl 1, 51-61	4.5	15
39	Effects of glucagon on glomerular filtration rate and urea and water excretion. <i>American Journal of Physiology - Renal Physiology</i> , <b>1992</b> , 263, F24-36	4.3	15
38	Glucagon actions on the kidney revisited: possible role in potassium homeostasis. <i>American Journal of Physiology - Renal Physiology</i> , <b>2016</b> , 311, F469-86	4.3	15
37	Antagonism of vasopressin V2 receptor improves albuminuria at the early stage of diabetic nephropathy in a mouse model of type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , <b>2017</b> , 31, 929-932	3.2	13
36	Kallikrein/K1, Kinins, and ACE/Kininase II in Homeostasis and in Disease Insight From Human and Experimental Genetic Studies, Therapeutic Implication. <i>Frontiers in Medicine</i> , <b>2019</b> , 6, 136	4.9	13
35	Cardioprotective effect of VEGF and venom VEGF-like protein in acute myocardial ischemia in mice: effect on mitochondrial function. <i>Journal of Cardiovascular Pharmacology</i> , <b>2014</b> , 63, 274-81	3.1	13
34	Genetic deficiency in tissue kallikrein activity in mouse and man: effect on arteries, heart and kidney. <i>Biological Chemistry</i> , <b>2008</b> , 389, 701-6	4.5	12
33	Tissue kallikrein, blood pressure regulation, and hypertension: insight from genetic kallikrein deficiency. <i>Biological Chemistry</i> , <b>2013</b> , 394, 329-33	4.5	11
32	Renal cortical regulation of COX-1 and functionally related products in early renovascular hypertension (rat). <i>American Journal of Physiology - Renal Physiology</i> , <b>2006</b> , 291, F987-94	4.3	11
31	Effect of salt and water intake on epithelial sodium channel mRNA abundance in the kidney of salt-sensitive Sabra rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2003</b> , 30, 963-5	3	11
30	Medullary and cortical thick ascending limb: similarities and differences. <i>American Journal of Physiology - Renal Physiology</i> , <b>2020</b> , 318, F422-F442	4.3	11
29	Chronic V2 Vasopressin Receptor Stimulation Increases Basal Blood Pressure and Exacerbates Deoxycorticosterone Acetate-Salt Hypertension		10
28	Reduced insulin secretion and nocturnal dipping of blood pressure are associated with a disturbed circadian pattern of urine excretion in metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E929-33	5.6	9
27	Differential regulation of angiotensin II receptors during renal injury and compensatory hypertrophy in the rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2005</b> , 32, 241-8	3	9
26	Vasopressin is involved in renal effects of high-protein diet: study in homozygous Brattleboro rats. <i>American Journal of Physiology - Renal Physiology</i> , <b>1991</b> , 260, F96-100	4.3	9

25	Effect of long- and short-term antidiuretic hormone availability on internephron heterogeneity in the adult rat. <i>American Journal of Physiology - Renal Physiology</i> , <b>1984</b> , 246, F879-88	4.3	9
24	Neuroprotective effect of kinin B1 receptor activation in acute cerebral ischemia in diabetic mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 9410	4.9	8
23	Multiple cross talk between angiotensin II, bradykinin, and insulin signaling in the cortical thick ascending limb of rat kidney. <i>Endocrinology</i> , <b>2010</b> , 151, 3181-94	4.8	8
22	Desensitization of type 1 angiotensin II receptor subtypes in the rat kidney. <i>Endocrinology</i> , <b>2001</b> , 142, 4683-92	4.8	8
21	Effects of osmolality and antidiuretic hormone on prostaglandin synthesis by renal papilla. Study in Brattleboro rats with diabetes insipidus. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1984</b> , 400, 96-9	4.6	8
20	Plasma Adrenomedullin and Allelic Variation in the ADM Gene and Kidney Disease in People With Type 2 Diabetes. <i>Diabetes</i> , <b>2015</b> , 64, 3262-72	0.9	7
19	Genetic manipulation and genetic variation of the kallikrein-kinin system: impact on cardiovascular and renal diseases. <i>Progress in Drug Research Fortschritte Der Arzneimittelforschung Progres Des Recherches Pharmaceutiques</i> , <b>2014</b> , 69, 145-96		7
18	Thick ascending limb--anatomy and function: role in urine concentrating mechanisms. <i>Advances in Nephrology From the Necker Hospital</i> , <b>1987</b> , 16, 69-102		7
17	Type 1 angiotensin II receptor subtypes in kidney of normal and salt-sensitive hypertensive rats. <i>Hypertension</i> , <b>1996</b> , 27, 392-8	8.5	6
16	Glucagon revisited: Coordinated actions on the liver and kidney. <i>Diabetes Research and Clinical Practice</i> , <b>2018</b> , 146, 119-129	7.4	6
15	Genetically increased angiotensin I-converting enzyme alters peripheral and renal vascular reactivity to angiotensin II and bradykinin in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 314, H350-H358	5.2	5
14	Tissue kallikrein deficiency, insulin resistance, and diabetes in mouse and man. <i>Journal of Endocrinology</i> , <b>2014</b> , 221, 297-308	4.7	4
13	Protection of Wistar-Furth rats against postischaemic acute renal injury: role for nitric oxide and thromboxane?. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2014</b> , 41, 911-20	3	4
12	Improved protocols for the study of urinary electrolyte excretion and blood pressure in rodents: use of gel food and stepwise changes in diet composition. <i>American Journal of Physiology - Renal Physiology</i> , <b>2018</b> , 314, F1129-F1137	4.3	3
11	Hydration and kidney health. <i>Obesity Facts</i> , <b>2014</b> , 7 Suppl 2, 19-32	5.1	3
10	Genetically determined angiotensin converting enzyme level and myocardial tolerance to ischemia. <i>FASEB Journal</i> , <b>2010</b> , 24, 4691-4700	0.9	3
9	Kinins and Kinin Receptors in Cardiovascular and Renal Diseases. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	3
8	Kallikrein(K1)-kinin-kininase (ACE) and end-organ damage in ischemia and diabetes: therapeutic implications. <i>Biological Chemistry</i> , <b>2016</b> , 397, 1217-1222	4.5	2

7	Characterization of a functional V vasopressin receptor in the male rat kidney: evidence for cross talk between V and V receptor signaling pathways. <i>American Journal of Physiology - Renal Physiology</i> , <b>2021</b> , 321, F305-F321	4.3	2
6	Urine Osmolarity and Risk of Dialysis Initiation in a CKD Cohort. <i>Annals of Nutrition and Metabolism</i> , <b>2015</b> , 66 Suppl 3, 14-7	4.5	1
5	Renal potassium handling in carriers of the Gly40Ser mutation of the glucagon receptor suggests a role for glucagon in potassium homeostasis. <i>Physiological Reports</i> , <b>2018</b> , 6, e13661	2.6	1
4	Regulation by sodium intake of type 1 angiotensin II receptor mRNAs in the kidney of Sabra rats. <i>Journal of Hypertension</i> , <b>2000</b> , 18, 1097-105	1.9	1
3	Distinct Postprandial Bile Acids Responses to a High-Calorie Diet in Men Volunteers Underscore Metabolically Healthy and Unhealthy Phenotypes. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	1
2	Role of Urine Concentration in the Progression of Renal Failure <sup>1</sup> <b>1993</b> , 216-225		
1	ARE RACIAL DIFFERENCES IN SODIUM AND WATER HANDLING AT NIGHT RELATED TO DIFFERENCES IN THE SUSCEPTIBILITY TO HYPERTENSION?. <i>Journal of Hypertension</i> , <b>2004</b> , 22, S216-S217 <sup>1.9</sup>		