

Pavel Hamet

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.

89
papers

13,103
citations

45
h-index

89
g-index

89
ext. papers

14,716
ext. citations

8.2
avg, IF

5.14
L-index

#	Paper	IF	Citations
89	Intensive blood glucose control and vascular outcomes in patients with type 2 diabetes. <i>New England Journal of Medicine</i> , 2008 , 358, 2560-72	59.2	5250
88	Albuminuria and kidney function independently predict cardiovascular and renal outcomes in diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 1813-21	12.7	640
87	Follow-up of blood-pressure lowering and glucose control in type 2 diabetes. <i>New England Journal of Medicine</i> , 2014 , 371, 1392-406	59.2	415
86	Hypertension Canada's 2018 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults and Children. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 506-525	3.8	348
85	Effect of native and synthetic atrial natriuretic factor on cyclic GMP. <i>Biochemical and Biophysical Research Communications</i> , 1984 , 123, 515-27	3.4	331
84	Hypertension Canada's 2016 Canadian Hypertension Education Program Guidelines for Blood Pressure Measurement, Diagnosis, Assessment of Risk, Prevention, and Treatment of Hypertension. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 569-88	3.8	314
83	Gastric inhibitory polypeptide-dependent cortisol hypersecretion--a new cause of Cushing's syndrome. <i>New England Journal of Medicine</i> , 1992 , 327, 974-80	59.2	279
82	Awareness, treatment, and control of hypertension in Canada. <i>American Journal of Hypertension</i> , 1997 , 10, 1097-102	2.3	241
81	Impact of age, age at diagnosis and duration of diabetes on the risk of macrovascular and microvascular complications and death in type 2 diabetes. <i>Diabetologia</i> , 2014 , 57, 2465-74	10.3	234
80	The 2015 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension. <i>Canadian Journal of Cardiology</i> , 2015 , 31, 549-68	3.8	222
79	Ectopic and abnormal hormone receptors in adrenal Cushing's syndrome. <i>Endocrine Reviews</i> , 2001 , 22, 75-110	27.2	212
78	Intensive glucose control improves kidney outcomes in patients with type 2 diabetes. <i>Kidney International</i> , 2013 , 83, 517-23	9.9	209
77	Hypertension Canada's 2017 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 557-576	3.8	205
76	Lowering blood pressure reduces renal events in type 2 diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 883-92	12.7	205
75	The 2014 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 485-501	3.8	198
74	The increase of cGMP by atrial natriuretic factor correlates with the distribution of particulate guanylate cyclase. <i>FEBS Letters</i> , 1985 , 181, 17-22	3.8	194
73	Leuprolide acetate therapy in luteinizing hormone--dependent Cushing's syndrome. <i>New England Journal of Medicine</i> , 1999 , 341, 1577-81	59.2	191

72	Combined effects of routine blood pressure lowering and intensive glucose control on macrovascular and microvascular outcomes in patients with type 2 diabetes: New results from the ADVANCE trial. <i>Diabetes Care</i> , 2009 , 32, 2068-74	14.6	184
71	Propranolol therapy for ectopic beta-adrenergic receptors in adrenal Cushing's syndrome. <i>New England Journal of Medicine</i> , 1997 , 337, 1429-34	59.2	173
70	Apoptosis in target organs of hypertension. <i>Hypertension</i> , 1995 , 26, 642-8	8.5	152
69	The 2013 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 528-42	3.8	147
68	The 2012 Canadian hypertension education program recommendations for the management of hypertension: blood pressure measurement, diagnosis, assessment of risk, and therapy. <i>Canadian Journal of Cardiology</i> , 2012 , 28, 270-87	3.8	133
67	The 2010 Canadian Hypertension Education Program recommendations for the management of hypertension: part 2 - therapy. <i>Canadian Journal of Cardiology</i> , 2010 , 26, 249-58	3.8	131
66	Long-term Benefits of Intensive Glucose Control for Preventing End-Stage Kidney Disease: ADVANCE-ON. <i>Diabetes Care</i> , 2016 , 39, 694-700	14.6	130
65	Emergence of sex differences in prevalence of high systolic blood pressure: analysis of a longitudinal adolescent cohort. <i>Circulation</i> , 2006 , 114, 2663-70	16.7	113
64	Hypertension: genes and environment. <i>Journal of Hypertension</i> , 1998 , 16, 397-418	1.9	107
63	The 2009 Canadian Hypertension Education Program recommendations for the management of hypertension: Part 2--therapy. <i>Canadian Journal of Cardiology</i> , 2009 , 25, 287-98	3.8	97
62	Arterial pressure, left ventricular mass, and aldosterone in essential hypertension. <i>Hypertension</i> , 2001 , 37, 845-50	8.5	97
61	The 2006 Canadian Hypertension Education Program recommendations for the management of hypertension: Part II - Therapy. <i>Canadian Journal of Cardiology</i> , 2006 , 22, 583-93	3.8	96
60	The 2011 Canadian Hypertension Education Program recommendations for the management of hypertension: blood pressure measurement, diagnosis, assessment of risk, and therapy. <i>Canadian Journal of Cardiology</i> , 2011 , 27, 415-433.e1-2	3.8	93
59	Biochemistry and physiology of the natriuretic peptide receptor guanylyl cyclases. <i>Molecular and Cellular Biochemistry</i> , 2002 , 230, 31-47	4.2	90
58	Inversion of the intracellular Na ⁺ /K ⁺ ratio blocks apoptosis in vascular smooth muscle at a site upstream of caspase-3. <i>Journal of Biological Chemistry</i> , 1999 , 274, 16545-52	5.4	88
57	ARMC5 mutations are a frequent cause of primary macronodular adrenal Hyperplasia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1501-9	5.6	87
56	Are ectopic or abnormal membrane hormone receptors frequently present in adrenal Cushing's syndrome?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 3531-6	5.6	84
55	Aberrant membrane hormone receptors in incidentally discovered bilateral macronodular adrenal hyperplasia with subclinical Cushing's syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 5534-40	5.6	81

54	The atrial natriuretic factor: its physiology and biochemistry. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 1988 , 110, 1-145	2.9	80
53	Abnormal adrenal and vascular responses to vasopressin mediated by a V1-vasopressin receptor in a patient with adrenocorticotropin-independent macronodular adrenal hyperplasia, Cushing's syndrome, and orthostatic hypotension. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 2414-22	5.6	78
52	The 2007 Canadian Hypertension Education Program recommendations for the management of hypertension: part 2 - therapy. <i>Canadian Journal of Cardiology</i> , 2007 , 23, 539-50	3.8	76
51	The 2008 Canadian Hypertension Education Program recommendations for the management of hypertension: part 2 - therapy. <i>Canadian Journal of Cardiology</i> , 2008 , 24, 465-75	3.8	69
50	Genetic and biochemical determinants of abnormal monovalent ion transport in primary hypertension. <i>American Journal of Physiology - Cell Physiology</i> , 1999 , 276, C511-36	5.4	69
49	Adrenocortical overexpression of gastric inhibitory polypeptide receptor underlies food-dependent Cushing's syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 2781-5	5.6	66
48	Aberrant G-protein coupled receptor expression in relation to adrenocortical overfunction. <i>Clinical Endocrinology</i> , 2010 , 73, 1-15	3.4	61
47	Cushing's syndrome variants secondary to aberrant hormone receptors. <i>Trends in Endocrinology and Metabolism</i> , 2004 , 15, 375-82	8.8	58
46	Presentations of major peripheral arterial disease and risk of major outcomes in patients with type 2 diabetes: results from the ADVANCE-ON study. <i>Cardiovascular Diabetology</i> , 2016 , 15, 129	8.7	52
45	The 2005 Canadian Hypertension Education Program recommendations for the management of hypertension: part II - therapy. <i>Canadian Journal of Cardiology</i> , 2005 , 21, 657-72	3.8	51
44	The 2001 Canadian recommendations for the management of hypertension: Part two--Therapy. <i>Canadian Journal of Cardiology</i> , 2002 , 18, 625-41	3.8	44
43	Regulation of aldosterone secretion by several aberrant receptors including for glucose-dependent insulinotropic peptide in a patient with an aldosteronoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 750-6	5.6	40
42	Asynchronous development of bilateral nodular adrenal hyperplasia in gastric inhibitory polypeptide-dependent cushing's syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 2616-22	5.6	40
41	ANF stimulation of detergent-dispersed particulate guanylate cyclase from bovine adrenal cortex. <i>FEBS Letters</i> , 1986 , 194, 210-4	3.8	39
40	Proliferation and apoptosis of vascular smooth muscle in hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 1995 , 4, 1-7	3.5	38
39	Accelerated entry of aortic smooth muscle cells from spontaneously hypertensive rats into the S phase of the cell cycle. <i>Biochemistry and Cell Biology</i> , 1992 , 70, 599-604	3.6	36
38	Cancer and hypertension: a potential for crosstalk?. <i>Journal of Hypertension</i> , 1997 , 15, 1573-7	1.9	35
37	Risks associated with permanent discontinuation of blood pressure-lowering medications in patients with type 2 diabetes. <i>Journal of Hypertension</i> , 2016 , 34, 781-7	1.9	30

36	Biochemistry and physiology of the natriuretic peptide receptor guanylyl cyclases. <i>Molecular and Cellular Biochemistry</i> , 2002 , 230, 31-47	4.2	27
35	Association of age-dependent height and bone mineral density decline with increased arterial stiffness and rate of fractures in hypertensive individuals. <i>Journal of Hypertension</i> , 2015 , 33, 727-35; discussion 735	1.9	25
34	Characterization of a cGMP-response element in the guanylyl cyclase/natriuretic peptide receptor A gene promoter. <i>Hypertension</i> , 2004 , 43, 1270-8	8.5	24
33	Use of the waist-to-height ratio to predict cardiovascular risk in patients with diabetes: Results from the ADVANCE-ON study. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1903-1910	6.7	23
32	The Sp transcription factors are involved in the cellular expression of the human glucose-dependent insulinotropic polypeptide receptor gene and overexpressed in adrenals of patients with Cushing's syndrome. <i>Journal of Molecular Endocrinology</i> , 2005 , 35, 61-71	4.5	22
31	Key Considerations and Methods in the Study of Gene-Environment Interactions. <i>American Journal of Hypertension</i> , 2016 , 29, 891-9	2.3	22
30	The relationship between eGFR slope and subsequent risk of vascular outcomes and all-cause mortality in type 2 diabetes: the ADVANCE-ON study. <i>Diabetologia</i> , 2019 , 62, 1988-1997	10.3	21
29	PROX1 gene CC genotype as a major determinant of early onset of type 2 diabetes in slavic study participants from Action in Diabetes and Vascular Disease: Preterax and Diamicron MR Controlled Evaluation study. <i>Journal of Hypertension</i> , 2017 , 35 Suppl 1, S24-S32	1.9	20
28	Regulation of therapeutic apoptosis: a potential target in controlling hypertensive organ damage. <i>Canadian Journal of Physiology and Pharmacology</i> , 2005 , 83, 29-41	2.4	20
27	TA repeat variation, Npr1 expression, and blood pressure: impact of the Ace locus. <i>Hypertension</i> , 2003 , 41, 16-24	8.5	18
26	Primary versus secondary events in hypertension. <i>Canadian Journal of Physiology and Pharmacology</i> , 1985 , 63, 380-6	2.4	18
25	Effects of Blood Pressure Lowering on Clinical Outcomes According to Baseline Blood Pressure and Cardiovascular Risk in Patients With Type 2 Diabetes Mellitus. <i>Hypertension</i> , 2019 , 73, 1291-1299	8.5	16
24	Enhanced growth-dependent expression of TGF beta 1 and hsp70 genes in aortic smooth muscle cells from spontaneously hypertensive rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992 , 70, 565-72	2.4	14
23	Combination of Changes in Estimated GFR and Albuminuria and the Risk of Major Clinical Outcomes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019 , 14, 862-872	6.9	13
22	Biomarkers of vascular complications in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, S28-32	12.7	12
21	GREBP, a cGMP-response element-binding protein repressing the transcription of natriuretic peptide receptor 1 (NPR1/GCA). <i>Journal of Biological Chemistry</i> , 2010 , 285, 20926-39	5.4	8
20	Evidence of an altered in vivo vascular cell turnover in spontaneously hypertensive rats and its modulation by long-term antihypertensive treatment. <i>Journal of Cardiovascular Pharmacology</i> , 2001 , 38, 764-74	3.1	8
19	The Risks of Cardiovascular Disease and Mortality Following Weight Change in Adults with Diabetes: Results from ADVANCE. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	8

18	Effect of atrial natriuretic factor [ANF (Arg 101--Tyr 126)] on kallikrein and cyclic GMP in the renovascular hypertensive rat. <i>Clinical and Experimental Hypertension</i> , 1985 , 7, 1597-618		7
17	Sex-specific associations between cardiovascular risk factors and myocardial infarction in patients with type 2 diabetes: The ADVANCE-ON study. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 1818-1826	6.7	6
16	Debate: vascular remodelling. <i>Journal of Hypertension</i> , 1997 , 15, 333-7	1.9	6
15	Evaluating atrial natriuretic peptide-induced cGMP production by particulate guanylyl cyclase stimulation in vitro and in vivo. <i>Methods in Enzymology</i> , 1991 , 195, 447-61	1.7	6
14	Polygenic risk scores predict diabetes complications and their response to intensive blood pressure and glucose control. <i>Diabetologia</i> , 2021 , 64, 2012-2025	10.3	6
13	Antiproliferative effect of brief exposure to cholera toxin in vascular smooth muscle cells: role of cAMP and protein kinase A. <i>Canadian Journal of Physiology and Pharmacology</i> , 2001 , 79, 471-480	2.4	4
12	AVAPROMISE: A randomized clinical trial for increasing adherence through behavioural modification in essential hypertension. <i>Experimental and Clinical Cardiology</i> , 2002 , 7, 165-72		4
11	The comparative effects of intensive glucose lowering in diabetes patients aged below or above 65 years: Results from the ADVANCE trial. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 1292-1300	6.7	4
10	Economic Evaluation of a New Polygenic Risk Score to Predict Nephropathy in Adult Patients With Type 2 Diabetes. <i>Canadian Journal of Diabetes</i> , 2021 , 45, 129-136	2.1	3
9	Cell biology of atrial natriuretic peptide. <i>Journal of Vascular Research</i> , 1991 , 28, 84-92	1.9	2
8	Biochemistry and physiology of the natriuretic peptide receptor guanylyl cyclases 2002 , 31-47		2
7	Radiation-inactivation analysis of multidomain proteins: the case of particulate guanylyl cyclase. <i>Methods in Enzymology</i> , 1991 , 195, 423-35	1.7	1
6	Alternative kidney filtration markers and the risk of major macrovascular and microvascular events, and all-cause mortality in individuals with type 2 diabetes in the ADVANCE trial. <i>Journal of Diabetes</i> , 2020 , 12, 929-941	3.8	0
5	Aberrant Hormone Receptors 2002 , 229-263		
4	Gastrointestinal peptides and neoplasia ectopic gastric inhibitory polypeptide (GIP) receptors in adrenal glands causing food-dependent Cushing's syndrome. <i>Trends in Endocrinology and Metabolism</i> , 1993 , 4, 307	8.8	
3	Sex, Age and Gene Interactions in Cardiometabolic Diseases 2020 , 179-190		
2	Cushing's Syndrome due to Aberrant Adrenal Hormone Receptors. <i>Growth Hormone</i> , 2003 , 207-228		
1	Prehypertension in the Era of Personalized Medicine in 2017. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2019 , 657-675	0.1	

