Pavel Hamet

List of Publications by Year
in descending order

65 papers	12,209 citations	159585 30 h-index	123424 61 g-index
67 all docs	67 docs citations	67 times ranked	13815 citing authors

#	Article	IF	Citations
1	Economic Evaluation of a New Polygenic Risk Score to Predict Nephropathy in Adult Patients With Type 2 Diabetes. Canadian Journal of Diabetes, 2021, 45, 129-136.	0.8	8
2	Polygenic risk scores predict diabetes complications and their response to intensive blood pressure and glucose control. Diabetologia, 2021, 64, 2012-2025.	6.3	24
3	Sex, Age and Gene Interactions in Cardiometabolic Diseases. , 2020, , 179-190.		0
4	Environmental and genetic contributions to diabetes. Metabolism: Clinical and Experimental, 2019, 100, 153952.	3.4	61
5	A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972.	21.4	549
6	Combination of Changes in Estimated GFR and Albuminuria and the Risk of Major Clinical Outcomes. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 862-872.	4.5	29
7	Artificial Intelligence and Machine Learning in Endocrinology and Metabolism: The Dawn of a New Era. Frontiers in Endocrinology, 2019, 10, 185.	3.5	35
8	Prehypertension in theÂEra of Personalized Medicine in 2017. Updates in Hypertension and Cardiovascular Protection, 2019, , 657-675.	0.1	0
9	Artificial intelligence in medicine. Metabolism: Clinical and Experimental, 2017, 69, S36-S40.	3.4	1,185
10	Time- and dose dependent actions of cardiotonic steroids on transcriptome and intracellular content of Na+ and K+: a comparative analysis. Scientific Reports, 2017, 7, 45403.	3.3	30
11	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. Journal of Hypertension, 2017, 35, S24-S32.	0.5	28
12	The Gatekeeping Function in Personalized Medicine Initiatives. Current Pharmacogenomics and Personalized Medicine, 2017, 14, 36-49.	0.2	0
13	ARMC5 mutations in a large French-Canadian family with cortisol-secreting Î²-adrenergic/vasopressin responsive bilateral macronodular adrenal hyperplasia. European Journal of Endocrinology, 2016, 174, 85-96.	3.7	55
14	Key Considerations and Methods in the Study of Geneâ€“Environment Interactions. American Journal of Hypertension, 2016, 29, 891-899.	2.0	28
15	The Impact of Blood Pressure and Visceral Adiposity on the Association of Serum Uric Acid With Albuminuria in Adults Without Full Metabolic Syndrome. American Journal of Hypertension, 2016, 29, 1335-1342.	2.0	14
16	Epigenome and exposome in prenatal programming. Journal of Hypertension, 2016, 34, 2136-2137.	0.5	1
17	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. Diabetes, 2016, 65, 803-817.	0.6	131
18	Salt and gene expression: evidence for [Na+]i/[K+]i-mediated signaling pathways. Pflugers Archiv European Journal of Physiology, 2015, 467, 489-498.	2.8	30

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19	Biomarkers of vascular complications in type 2 diabetes. Metabolism: Clinical and Experimental, 2015, 64, S28-S32.	3.4	16
20	Predicting the Effects of Blood Pressureâ€“Lowering Treatment on Major Cardiovascular Events for Individual Patients With Type 2 Diabetes Mellitus. Hypertension, 2015, 65, 115-121.	2.7	24
21	Transcriptomic Changes Triggered by Hypoxia: Evidence for HIF-1Î± -Independent, [Na+]i/[K+]i-Mediated, Excitation-Transcription Coupling. PLoS ONE, 2014, 9, e110597.	2.5	30
22	Polygenic Overlap Between Kidney Function and Large Artery Atherosclerotic Stroke. Stroke, 2014, 45, 3508-3513.	2.0	21
23	Impact of age, age at diagnosis and duration of diabetes on the risk of macrovascular and microvascular complications and death in type 2 diabetes. Diabetologia, 2014, 57, 2465-2474.	6.3	346
24	Follow-up of Blood-Pressure Lowering and Glucose Control in Type 2 Diabetes. New England Journal of Medicine, 2014, 371, 1392-1406.	27.0	520
25	Increased Renal Epithelial Na Channel Expression and Activity Correlate With Elevation of Blood Pressure in Spontaneously Hypertensive Rats. Hypertension, 2013, 62, 731-737.	2.7	13
26	Genetic mapping of habitual substance use, obesity-related traits, responses to mental and physical stress, and heart rate and blood pressure measurements reveals shared genes that are overrepresented in the neural synapse. Hypertension Research, 2012, 35, 585-591.	2.7	37
27	NKCC1 and hypertension: Role in the regulation of vascular smooth muscle contractions and myogenic tone. Annals of Medicine, 2012, 44, S111-S118.	3.8	22
28	Future needs in exploration of gene-environment interactions. Journal of Hypertension, 2012, 30, 1915-1916.	0.5	4
29	Ubiquitous [Na+]i/[K+]i-Sensitive Transcriptome in Mammalian Cells: Evidence for Ca2+i-Independent Excitation-Transcription Coupling. PLoS ONE, 2012, 7, e38032.	2.5	59
30	Contemporary model for cardiovascular risk prediction in people with type 2 diabetes. European Journal of Cardiovascular Prevention and Rehabilitation, 2011, 18, 393-398.	2.8	127
31	Combined Effects of Routine Blood Pressure Lowering and Intensive Glucose Control on Macrovascular and Microvascular Outcomes in Patients With Type 2 Diabetes. Diabetes Care, 2009, 32, 2068-2074.	8.6	230
32	Albuminuria and Kidney Function Independently Predict Cardiovascular and Renal Outcomes in Diabetes. Journal of the American Society of Nephrology: JASN, 2009, 20, 1813-1821.	6.1	787
33	A Common Variant of the FTO Gene Is Associated With Not Only Increased Adiposity but Also Elevated Blood Pressure in French Canadians. Circulation: Cardiovascular Genetics, 2009, 2, 260-269.	5.1	84
34	Impact of genetic and epigenetic factors from early life to later disease. Metabolism: Clinical and Experimental, 2008, 57, S27-S31.	3.4	37
35	Invitations for the Program: 6th International Congress of Pathophysiology, â€œGeneâ€“environmental Interactions in Health and Diseasesâ€, MontrÃ©al, QuÃ©bec, Canada, 27â€“30 June 2010. Pathophysiology, 2008, 15, 209.	2.2	0
36	Intensive Blood Glucose Control and Vascular Outcomes in Patients with Type 2 Diabetes. New England Journal of Medicine, 2008, 358, 2560-2572.	27.0	6,447

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37	Direct renin inhibition: Mechanistic advantages and disadvantages compared with angiotensin-converting enzyme inhibitors and angiotensin II receptor blockers. Canadian Journal of Cardiology, 2008, 24, 44C-49C.	1.7	1
38	Systematic, Genome-Wide, Sex-Specific Linkage of Cardiovascular Traits in French Canadians. Hypertension, 2008, 51, 1156-1162.	2.7	53
39	Current status of genome-wide scanning for hypertension. Current Opinion in Cardiology, 2007, 22, 292-297.	1.8	16
40	Sucrose feeding during pregnancy and lactation elicits distinct metabolic response in offspring of an inbred genetic model of metabolic syndrome. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1318-E1324.	3.5	48
41	[Na+]i-inducedc-Fosexpression is not mediated by activation of the 5â€²-promoter containing known transcriptional elements. FEBS Journal, 2007, 274, 3557-3567.	4.7	20
42	Genetics of the sleep-wake cycle and its disorders. Metabolism: Clinical and Experimental, 2006, 55, S7-S12.	3.4	67
43	Emergence of Sex Differences in Prevalence of High Systolic Blood Pressure. Circulation, 2006, 114, 2663-2670.	1.6	128
44	Dynamic genetic architecture of metabolic syndrome attributes in the rat. Physiological Genomics, 2005, 21, 243-252.	2.3	36
45	Genome-Wide Scan for Linkage to Obesity-Associated Hypertension in French Canadians. Hypertension, 2005, 46, 1280-1285.	2.7	39
46	Genetics and genomics of depression. Metabolism: Clinical and Experimental, 2005, 54, 10-15.	3.4	92
47	Integrating genomics and transcriptomics with geo-ethnicity and the environment for the resolution of complex cardiovascular diseases. Current Opinion in Molecular Therapeutics, 2005, 7, 583-7.	2.8	4
48	Rat model of familial combined hyperlipidemia as a result of comparative mapping. Physiological Genomics, 2004, 17, 38-47.	2.3	39
49	Dietâ€induced Obesity Delays Cardiovascular Recovery from Stress in Spontaneously Hypertensive Rats. Obesity, 2004, 12, 1951-1958.	4.0	28
50	Resolving the composite trait of hypertension into its pharmacogenetic determinants by acute pharmacological modulation of blood pressure regulatory systems. Journal of Molecular Medicine, 2003, 81, 51-60.	3.9	12
51	Identification of Hypertension-Related QTLs in African American Sib Pairs. Hypertension, 2002, 40, 634-639.	2.7	22
52	Genetic determinants of the stress response in cardiovascular disease. Metabolism: Clinical and Experimental, 2002, 51, 15-24.	3.4	13
53	A Genealogical Study of Essential Hypertension with and without Obesity in French Canadians. Obesity, 2002, 10, 463-470.	4.0	21
54	The angiotensin II type 1 receptor and receptor-associated proteins. Cell Research, 2001, 11, 165-180.	12.0	152

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55	Predictors of Target Organ Damage in Hypertensive Blacks and Whites. Hypertension, 2001, 38, 761-766.	2.7	31
56	Heritability Estimates of Obesity Measures in Siblings With and Without Hypertension. Hypertension, 2001, 38, 41-47.	2.7	43
57	Mapping of quantitative trait loci (QTL) of differential stress gene expression in rat recombinant inbred strains. Journal of Hypertension, 2000, 18, 545-551.	0.5	35
58	Contribution of Autosomal Loci and the Y Chromosome to the Stress Response in Rats. Hypertension, 2000, 35, 568-573.	2.7	31
59	Gene-environment interactions in hypertension. Current Hypertension Reports, 1999, 1, 42-50.	3.5	47
60	Hypertension. Journal of Hypertension, 1998, 16, 397-418.	0.5	137
61	Effect of metoclopramide on plasma catecholamine release in essential hypertension. Clinical Pharmacology and Therapeutics, 1985, 37, 372-375.	4.7	28
62	Responses to tyramine and norepinephrine after imipramine and trazodone. Clinical Pharmacology and Therapeutics, 1979, 26, 24-30.	4.7	21
63	Dopamine, extracellular cyclic AMP and sodium excretion. European Journal of Clinical Investigation, 1977, 7, 75-76.	3.4	7
64	Effect of Upright Posture and Isoproterenol Infusion on Cyclic Adenosine Monophosphate Excretion in Control Subjects and Patients with Labile Hypertension.1. Journal of Clinical Endocrinology and Metabolism, 1973, 36, 218-226.	3.6	24
65	Radio-Telemetry in Biomedical Research - Radio-Telemetry Blood Pressure Measurements in Animal Models of Hypertension, How It Revolutionized Hypertension Research. , 0, , .		1