

Pavel Hamet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/343102/publications.pdf>

Version: 2024-02-01

65
papers

12,209
citations

159358

30
h-index

123241

61
g-index

67
all docs

67
docs citations

67
times ranked

13815
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensive Blood Glucose Control and Vascular Outcomes in Patients with Type 2 Diabetes. <i>New England Journal of Medicine</i> , 2008, 358, 2560-2572.	13.9	6,447
2	Artificial intelligence in medicine. <i>Metabolism: Clinical and Experimental</i> , 2017, 69, S36-S40.	1.5	1,185
3	Albuminuria and Kidney Function Independently Predict Cardiovascular and Renal Outcomes in Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 1813-1821.	3.0	787
4	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	9.4	549
5	Follow-up of Blood-Pressure Lowering and Glucose Control in Type 2 Diabetes. <i>New England Journal of Medicine</i> , 2014, 371, 1392-1406.	13.9	520
6	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, 2465-2474.	2.9	346
7	Combined Effects of Routine Blood Pressure Lowering and Intensive Glucose Control on Macrovascular and Microvascular Outcomes in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2009, 32, 2068-2074.	4.3	230
8	The angiotensin II type 1 receptor and receptor-associated proteins. <i>Cell Research</i> , 2001, 11, 165-180.	5.7	152
9	Hypertension. <i>Journal of Hypertension</i> , 1998, 16, 397-418.	0.3	137
10	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , 2016, 65, 803-817.	0.3	131
11	Emergence of Sex Differences in Prevalence of High Systolic Blood Pressure. <i>Circulation</i> , 2006, 114, 2663-2670.	1.6	128
12	Contemporary model for cardiovascular risk prediction in people with type 2 diabetes. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2011, 18, 393-398.	3.1	127
13	Genetics and genomics of depression. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 10-15.	1.5	92
14	A Common Variant of the <i>FTO</i> Gene Is Associated With Not Only Increased Adiposity but Also Elevated Blood Pressure in French Canadians. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 260-269.	5.1	84
15	Genetics of the sleep-wake cycle and its disorders. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, S7-S12.	1.5	67
16	Environmental and genetic contributions to diabetes. <i>Metabolism: Clinical and Experimental</i> , 2019, 100, 153952.	1.5	61
17	Ubiquitous [Na ⁺] _i /[K ⁺] _i -Sensitive Transcriptome in Mammalian Cells: Evidence for Ca ²⁺ -Independent Excitation-Transcription Coupling. <i>PLoS ONE</i> , 2012, 7, e38032.	1.1	59
18	ARMC5 mutations in a large French-Canadian family with cortisol-secreting β^2 -adrenergic/vasopressin responsive bilateral macronodular adrenal hyperplasia. <i>European Journal of Endocrinology</i> , 2016, 174, 85-96.	1.9	55

#	ARTICLE	IF	CITATIONS
19	Systematic, Genome-Wide, Sex-Specific Linkage of Cardiovascular Traits in French Canadians. <i>Hypertension</i> , 2008, 51, 1156-1162.	1.3	53
20	Sucrose feeding during pregnancy and lactation elicits distinct metabolic response in offspring of an inbred genetic model of metabolic syndrome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E1318-E1324.	1.8	48
21	Gene-environment interactions in hypertension. <i>Current Hypertension Reports</i> , 1999, 1, 42-50.	1.5	47
22	Heritability Estimates of Obesity Measures in Siblings With and Without Hypertension. <i>Hypertension</i> , 2001, 38, 41-47.	1.3	43
23	Rat model of familial combined hyperlipidemia as a result of comparative mapping. <i>Physiological Genomics</i> , 2004, 17, 38-47.	1.0	39
24	Genome-Wide Scan for Linkage to Obesity-Associated Hypertension in French Canadians. <i>Hypertension</i> , 2005, 46, 1280-1285.	1.3	39
25	Impact of genetic and epigenetic factors from early life to later disease. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, S27-S31.	1.5	37
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. <i>Hypertension Research</i> , 2012, 35, 585-591.	1.5	37
27	Dynamic genetic architecture of metabolic syndrome attributes in the rat. <i>Physiological Genomics</i> , 2005, 21, 243-252.	1.0	36
28	Mapping of quantitative trait loci (QTL) of differential stress gene expression in rat recombinant inbred strains. <i>Journal of Hypertension</i> , 2000, 18, 545-551.	0.3	35
29	Artificial Intelligence and Machine Learning in Endocrinology and Metabolism: The Dawn of a New Era. <i>Frontiers in Endocrinology</i> , 2019, 10, 185.	1.5	35
30	Contribution of Autosomal Loci and the Y Chromosome to the Stress Response in Rats. <i>Hypertension</i> , 2000, 35, 568-573.	1.3	31
31	Predictors of Target Organ Damage in Hypertensive Blacks and Whites. <i>Hypertension</i> , 2001, 38, 761-766.	1.3	31
32	Transcriptomic Changes Triggered by Hypoxia: Evidence for HIF-1 α -Independent, [Na ⁺] _i /[K ⁺] _i -Mediated, Excitation-Transcription Coupling. <i>PLoS ONE</i> , 2014, 9, e110597.	1.1	30
33	Salt and gene expression: evidence for [Na ⁺] _i /[K ⁺] _i -mediated signaling pathways. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 489-498.	1.3	30
34	Time- and dose dependent actions of cardiotonic steroids on transcriptome and intracellular content of Na ⁺ and K ⁺ : a comparative analysis. <i>Scientific Reports</i> , 2017, 7, 45403.	1.6	30
35	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.	2.2	29
36	Effect of metoclopramide on plasma catecholamine release in essential hypertension. <i>Clinical Pharmacology and Therapeutics</i> , 1985, 37, 372-375.	2.3	28

#	ARTICLE	IF	CITATIONS
37	Diet-induced Obesity Delays Cardiovascular Recovery from Stress in Spontaneously Hypertensive Rats. <i>Obesity</i> , 2004, 12, 1951-1958.	4.0	28
38	Key Considerations and Methods in the Study of Gene-Environment Interactions. <i>American Journal of Hypertension</i> , 2016, 29, 891-899.	1.0	28
39	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. <i>Journal of Hypertension</i> , 2017, 35, S24-S32.	0.3	28
40	Effect of Upright Posture and Isoproterenol Infusion on Cyclic Adenosine Monophosphate Excretion in Control Subjects and Patients with Labile Hypertension.1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1973, 36, 218-226.	1.8	24
41	Predicting the Effects of Blood Pressure-Lowering Treatment on Major Cardiovascular Events for Individual Patients With Type 2 Diabetes Mellitus. <i>Hypertension</i> , 2015, 65, 115-121.	1.3	24
42	Polygenic risk scores predict diabetes complications and their response to intensive blood pressure and glucose control. <i>Diabetologia</i> , 2021, 64, 2012-2025.	2.9	24
43	Identification of Hypertension-Related QTLs in African American Sib Pairs. <i>Hypertension</i> , 2002, 40, 634-639.	1.3	22
44	NKCC1 and hypertension: Role in the regulation of vascular smooth muscle contractions and myogenic tone. <i>Annals of Medicine</i> , 2012, 44, S111-S118.	1.5	22
45	Responses to tyramine and norepinephrine after imipramine and trazodone. <i>Clinical Pharmacology and Therapeutics</i> , 1979, 26, 24-30.	2.3	21
46	A Genealogical Study of Essential Hypertension with and without Obesity in French Canadians. <i>Obesity</i> , 2002, 10, 463-470.	4.0	21
47	Polygenic Overlap Between Kidney Function and Large Artery Atherosclerotic Stroke. <i>Stroke</i> , 2014, 45, 3508-3513.	1.0	21
48	[Na ⁺] _i -induced c-Fos expression is not mediated by activation of the 5' promoter containing known transcriptional elements. <i>FEBS Journal</i> , 2007, 274, 3557-3567.	2.2	20
49	Current status of genome-wide scanning for hypertension. <i>Current Opinion in Cardiology</i> , 2007, 22, 292-297.	0.8	16
50	Biomarkers of vascular complications in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, S28-S32.	1.5	16
51	The Impact of Blood Pressure and Visceral Adiposity on the Association of Serum Uric Acid With Albuminuria in Adults Without Full Metabolic Syndrome. <i>American Journal of Hypertension</i> , 2016, 29, 1335-1342.	1.0	14
52	Genetic determinants of the stress response in cardiovascular disease. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 15-24.	1.5	13
53	Increased Renal Epithelial Na Channel Expression and Activity Correlate With Elevation of Blood Pressure in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2013, 62, 731-737.	1.3	13
54	Resolving the composite trait of hypertension into its pharmacogenetic determinants by acute pharmacological modulation of blood pressure regulatory systems. <i>Journal of Molecular Medicine</i> , 2003, 81, 51-60.	1.7	12

#	ARTICLE	IF	CITATIONS
55	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.	0.4	8
56	Dopamine, extracellular cyclic AMP and sodium excretion. European Journal of Clinical Investigation, 1977, 7, 75-76.	1.7	7
57	Future needs in exploration of gene-environment interactions. Journal of Hypertension, 2012, 30, 1915-1916.	0.3	4
58	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
59	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.	0.8	1
60	Radio-Telemetry in Biomedical Research - Radio-Telemetry Blood Pressure Measurements in Animal Models of Hypertension, How It Revolutionized Hypertension Research. , 0, , .		1
61	Epigenome and exposome in prenatal programming. Journal of Hypertension, 2016, 34, 2136-2137.	0.3	1
62	Invitations for the Program: 6th International Congress of Pathophysiology, "Gene-environmental Interactions in Health and Diseases", Montréal, Québec, Canada, 27-30 June 2010. Pathophysiology, 2008, 15, 209.	1.0	0
63	The Gatekeeping Function in Personalized Medicine Initiatives. Current Pharmacogenomics and Personalized Medicine, 2017, 14, 36-49.	0.2	0
64	Prehypertension in the Era of Personalized Medicine in 2017. Updates in Hypertension and Cardiovascular Protection, 2019, , 657-675.	0.1	0
65	Sex, Age and Gene Interactions in Cardiometabolic Diseases. , 2020, , 179-190.		0