

Lajos Mark

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8085344/lajos-marko-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

68

papers

2,495

citations

22

h-index

49

g-index

74

ext. papers

3,327

ext. citations

7.8

avg, IF

4.38

L-index

#	Paper	IF	Citations
68	Salt-responsive gut commensal modulates T17 axis and disease. <i>Nature</i> , 2017 , 551, 585-589	50.4	553
67	Resveratrol improves insulin sensitivity, reduces oxidative stress and activates the Akt pathway in type 2 diabetic patients. <i>British Journal of Nutrition</i> , 2011 , 106, 383-9	3.6	466
66	Short-Chain Fatty Acid Propionate Protects From Hypertensive Cardiovascular Damage. <i>Circulation</i> , 2019 , 139, 1407-1421	16.7	204
65	Neutrophil gelatinase-associated lipocalin: pathophysiology and clinical applications. <i>Acta Physiologica</i> , 2013 , 207, 663-72	5.6	156
64	Interferon- β signaling inhibition ameliorates angiotensin II-induced cardiac damage. <i>Hypertension</i> , 2012 , 60, 1430-6	8.5	117
63	Tubular Epithelial NF- κ B Activity Regulates Ischemic AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 2658-69	12.7	95
62	Differential effects of cystathionine- β -lyase-dependent vasodilatory H ₂ S in periadventitial vasoregulation of rat and mouse aortas. <i>PLoS ONE</i> , 2012 , 7, e41951	3.7	67
61	Apolipoprotein A5 T-1131C variant confers risk for metabolic syndrome. <i>Pathology and Oncology Research</i> , 2007 , 13, 243-7	2.6	47
60	Novel signalling mechanisms and targets in renal ischaemia and reperfusion injury. <i>Acta Physiologica</i> , 2013 , 208, 25-40	5.6	43
59	Enrichment of Amadori products derived from the nonenzymatic glycation of proteins using microscale boronate affinity chromatography. <i>Analytical Biochemistry</i> , 2009 , 393, 8-22	3.1	40
58	CYP2J2 overexpression protects against arrhythmia susceptibility in cardiac hypertrophy. <i>PLoS ONE</i> , 2013 , 8, e73490	3.7	40
57	Cystathionine β -Lyase-Produced Hydrogen Sulfide Controls Endothelial NO Bioavailability and Blood Pressure. <i>Hypertension</i> , 2018 , 71, 1210-1217	8.5	39
56	Urinary ortho-tyrosine excretion in diabetes mellitus and renal failure: evidence for hydroxyl radical production. <i>Kidney International</i> , 2005 , 68, 2281-7	9.9	37
55	The role of sodium in modulating immune cell function. <i>Nature Reviews Nephrology</i> , 2019 , 15, 546-558	14.9	33
54	Salt Sensitivity of Angiogenesis Inhibition-Induced Blood Pressure Rise: Role of Interstitial Sodium Accumulation?. <i>Hypertension</i> , 2017 , 69, 919-926	8.5	28
53	Haplotype analysis of the apolipoprotein A5 gene in patients with the metabolic syndrome. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010 , 20, 505-11	4.5	27
52	Cigarette smoke-induced alterations in endothelial nitric oxide synthase phosphorylation: role of protein kinase C. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2007 , 14, 245-55		27

51	Use of fullerene-, octadecyl-, and triacontyl silica for solid phase extraction of tryptic peptides obtained from unmodified and in vitro glycosylated human serum albumin and fibrinogen. <i>Journal of Separation Science</i> , 2009 , 32, 295-308	3.4	26
50	Fasting alters the gut microbiome reducing blood pressure and body weight in metabolic syndrome patients. <i>Nature Communications</i> , 2021 , 12, 1970	17.4	26
49	Apolipoprotein A5 IVS3+476A allelic variant associates with increased triglyceride levels and confers risk for development of metabolic syndrome in Hungarians. <i>Circulation Journal</i> , 2008 , 72, 40-3	2.9	25
48	Role of TRPV1 channels in ischemia/reperfusion-induced acute kidney injury. <i>PLoS ONE</i> , 2014 , 9, e109843	3.7	24
47	Functional transient receptor potential vanilloid 1 and transient receptor potential vanilloid 4 channels along different segments of the renal vasculature. <i>Acta Physiologica</i> , 2015 , 213, 481-91	5.6	22
46	Canonical BMP signaling in tubular cells mediates recovery after acute kidney injury. <i>Kidney International</i> , 2019 , 95, 108-122	9.9	22
45	Elevated aldosterone and blood pressure in a mouse model of familial hyperaldosteronism with CLC-2 mutation. <i>Nature Communications</i> , 2019 , 10, 5155	17.4	19
44	High Salt Inhibits Tumor Growth by Enhancing Anti-tumor Immunity. <i>Frontiers in Immunology</i> , 2019 , 10, 1141	8.4	18
43	Direct Zinc Finger Protein Persulfidation by H ₂ S Is Facilitated by Zn. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7997-8001	16.4	18
42	Role of Cystathionine Gamma-Lyase in Immediate Renal Impairment and Inflammatory Response in Acute Ischemic Kidney Injury. <i>Scientific Reports</i> , 2016 , 6, 27517	4.9	18
41	Role of Ryanodine Type 2 Receptors in Elementary Ca Signaling in Arteries and Vascular Adaptive Responses. <i>Journal of the American Heart Association</i> , 2019 , 8, e010090	6	17
40	Phosphodiesterase 3A and Arterial Hypertension. <i>Circulation</i> , 2020 , 142, 133-149	16.7	17
39	Nitric oxide-sensitive guanylyl cyclase stimulation improves experimental heart failure with preserved ejection fraction. <i>JCI Insight</i> , 2018 , 3,	9.9	17
38	Bcl10 mediates angiotensin II-induced cardiac damage and electrical remodeling. <i>Hypertension</i> , 2014 , 64, 1032-9	8.5	15
37	The Gut Microbiome in Hypertension: Recent Advances and Future Perspectives. <i>Circulation Research</i> , 2021 , 128, 934-950	15.7	15
36	A simple fluorescent labeling technique to study virus adsorption in Newcastle disease virus infected cells. <i>Enzyme and Microbial Technology</i> , 2011 , 49, 255-9	3.8	14
35	Transient Receptor Potential Vanilloid 4 Channel Deficiency Aggravates Tubular Damage after Acute Renal Ischaemia Reperfusion. <i>Scientific Reports</i> , 2018 , 8, 4878	4.9	12
34	Overexpression of CREB protein protects from tunicamycin-induced apoptosis in various rat cell types. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014 , 19, 1080-98	5.4	11

33	Effects of pentoxifylline and pentosan polysulphate combination therapy on diabetic neuropathy in type 2 diabetes mellitus. <i>Acta Diabetologica</i> , 2009 , 46, 105-11	3.9	11
32	Combinatorial, additive and dose-dependent drug-microbiome associations. <i>Nature</i> , 2021 ,	50.4	11
31	Microalbuminuria, indicated by total versus immunoreactive urinary albumins, in acute ischemic stroke patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2011 , 20, 510-6	2.8	10
30	Quantifying technical confounders in microbiome studies. <i>Cardiovascular Research</i> , 2021 , 117, 863-875	9.9	9
29	Salt Transiently Inhibits Mitochondrial Energetics in Mononuclear Phagocytes. <i>Circulation</i> , 2021 , 144, 144-158	16.7	9
28	Precarious Symbiosis Between Host and Microbiome in Cardiovascular Health. <i>Hypertension</i> , 2019 , 73, 926-935	8.5	8
27	Potential urinary biomarkers of disease activity in Crohn's disease. <i>Scandinavian Journal of Gastroenterology</i> , 2010 , 45, 1440-8	2.4	8
26	Renal Fibrosis, Immune Cell Infiltration and Changes of TRPC Channel Expression after Unilateral Ureteral Obstruction in <i>Trpc6</i> ^{-/-} Mice. <i>Cellular Physiology and Biochemistry</i> , 2019 , 52, 1484-1502	3.9	7
25	Aestivation motifs explain hypertension and muscle mass loss in mice with psoriatic skin barrier defect. <i>Acta Physiologica</i> , 2021 , 232, e13628	5.6	7
24	Direct Zinc Finger Protein Persulfidation by H ₂ S Is Facilitated by Zn ²⁺ . <i>Angewandte Chemie</i> , 2019 , 131, 8081-8085	3.6	6
23	2A-Adrenoceptors Modulate Renal Sympathetic Neurotransmission and Protect against Hypertensive Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2020 , 31, 783-798	12.7	6
22	B-cell lymphoma/leukaemia 10 and angiotensin II-induced kidney injury. <i>Cardiovascular Research</i> , 2020 , 116, 1059-1070	9.9	5
21	Gene expression profiling in PC12 cells infected with an oncolytic Newcastle disease virus strain. <i>Virus Research</i> , 2014 , 185, 10-22	6.4	4
20	Measurement of the modification and interference rate of urinary albumin detected by size-exclusion HPLC. <i>Physiological Measurement</i> , 2009 , 30, 1137-50	2.9	4
19	Fasting alters the gut microbiome with sustained blood pressure and body weight reduction in metabolic syndrome patients		4
18	Enhanced Ca signaling, mild primary aldosteronism, and hypertension in a familial hyperaldosteronism mouse model (<i>homozygous</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
17	Determination of normal Δ values via radio frequency echo-tracking technique in a healthy Central European population. <i>Clinical Hemorheology and Microcirculation</i> , 2014 , 57, 185-9	2.5	3
16	Selective association of endogenous ouabain with subclinical organ damage in treated hypertensive patients. <i>Journal of Human Hypertension</i> , 2011 , 25, 122-9	2.6	3

15	Accumulation of renin and imidazolone in peritubular capillary endothelial cells in insulin-resistant hypertensive rats. <i>Journal of Nephrology</i> , 2011 , 24, 656-64	4.8	3
14	Tissue Sodium Content and Arterial Hypertension in Obese Adolescents. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	3
13	Skin Sodium Accumulates in Psoriasis and Reflects Disease Severity. <i>Journal of Investigative Dermatology</i> , 2021 ,	4.3	2
12	Storage at -80 degrees C decreases the concentration of HPLC-detected urinary albumin: possible mechanisms and implications. <i>Journal of Nephrology</i> , 2009 , 22, 397-402	4.8	2
11	Myocardial Evaluation of Post-Preeclamptic Women by CMR: Is Early Risk Stratification Possible?. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1291-1293	8.4	1
10	Effects of mono- and dual blockade of the renin-angiotensin system on markers of cardiovascular status in hypertensive patients with mild and moderate renal failure. <i>Kidney and Blood Pressure Research</i> , 2011 , 34, 150-7	3.1	1
9	Morphology of glomerular hematuria is reproduced in vitro by carbonyl stress. <i>Nephron Experimental Nephrology</i> , 2008 , 110, e25-30		1
8	Single dose of acetylsalicylic acid in patients with Type 2 diabetes mellitus and/or chronic renal failure ameliorates anaemia by decreasing the rate of neocytolysis. <i>Acta Physiologica Hungarica</i> , 2007 , 94, 159-66		1
7	Kidney Injury Caused by Preeclamptic Pregnancy Recovers Postpartum in a Transgenic Rat Model. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
6	Aging Affects K7 Channels and Perivascular Adipose Tissue-Mediated Vascular Tone.. <i>Frontiers in Physiology</i> , 2021 , 12, 749709	4.6	0
5	Cardiac Phenotype and Tissue Sodium Content in Adolescents With Defects in the Melanocortin System. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 2606-2616	5.6	0
4	Effect of Sunitinib Treatment on Skin Sodium Accumulation in Patients With Renal Cancer: a Pilot Study.. <i>Hypertension</i> , 2022 , HYPERTENSIONAHA12219079	8.5	0
3	Role of TRPC6 in kidney damage after acute ischemic kidney injury.. <i>Scientific Reports</i> , 2022 , 12, 3038	4.9	0
2	Serum total LDH activity and LDH-2 isozyme in nephrotic syndrome. <i>Kidney and Blood Pressure Research</i> , 2008 , 31, 47-54	3.1	
1	HPLC is more sensitive to assess urinary albumin than nephelometry in acute stroke patients. <i>FASEB Journal</i> , 2009 , 23, 613.10	0.9	