

Lajos Mark

List of Publications by Year in Descending Order

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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.

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	Effect of Sunitinib Treatment on Skin Sodium Accumulation in Patients With Renal Cancer: a Pilot Study.. <i>Hypertension</i> , 2022 , HYPERTENSIONAHA12219079	8.5	0
67	Role of TRPC6 in kidney damage after acute ischemic kidney injury.. <i>Scientific Reports</i> , 2022 , 12, 3038	4.9	0
66	Combinatorial, additive and dose-dependent drug-microbiome associations. <i>Nature</i> , 2021 ,	50.4	11
65	Aging Affects K7 Channels and Perivascular Adipose Tissue-Mediated Vascular Tone.. <i>Frontiers in Physiology</i> , 2021 , 12, 749709	4.6	0
64	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
63	The Gut Microbiome in Hypertension: Recent Advances and Future Perspectives. <i>Circulation Research</i> , 2021 , 128, 934-950	15.7	15
62	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
61	Enhanced Ca signaling, mild primary aldosteronism, and hypertension in a familial hyperaldosteronism mouse model (.). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
60	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
59	Quantifying technical confounders in microbiome studies. <i>Cardiovascular Research</i> , 2021 , 117, 863-875	9.9	9
58	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
57	Skin Sodium Accumulates in Psoriasis and Reflects Disease Severity. <i>Journal of Investigative Dermatology</i> , 2021 ,	4.3	2
56	Salt Transiently Inhibits Mitochondrial Energetics in Mononuclear Phagocytes. <i>Circulation</i> , 2021 , 144, 144-158	16.7	9
55	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
54	Phosphodiesterase 3A and Arterial Hypertension. <i>Circulation</i> , 2020 , 142, 133-149	16.7	17
53	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
52	B-cell lymphoma/leukaemia 10 and angiotensin II-induced kidney injury. <i>Cardiovascular Research</i> , 2020 , 116, 1059-1070	9.9	5

51	The role of sodium in modulating immune cell function. <i>Nature Reviews Nephrology</i> , 2019 , 15, 546-558	14.9	33
50	High Salt Inhibits Tumor Growth by Enhancing Anti-tumor Immunity. <i>Frontiers in Immunology</i> , 2019 , 10, 1141	8.4	18
49	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
48	Precarious Symbiosis Between Host and Microbiome in Cardiovascular Health. <i>Hypertension</i> , 2019 , 73, 926-935	8.5	8
47	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
46	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
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	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
43	Tissue Sodium Content and Arterial Hypertension in Obese Adolescents. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	3
42	Short-Chain Fatty Acid Propionate Protects From Hypertensive Cardiovascular Damage. <i>Circulation</i> , 2019 , 139, 1407-1421	16.7	204
41	Canonical BMP signaling in tubular cells mediates recovery after acute kidney injury. <i>Kidney International</i> , 2019 , 95, 108-122	9.9	22
40	Cystathionine γ -Lyase-Produced Hydrogen Sulfide Controls Endothelial NO Bioavailability and Blood Pressure. <i>Hypertension</i> , 2018 , 71, 1210-1217	8.5	39
39	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
38	Nitric oxide-sensitive guanylyl cyclase stimulation improves experimental heart failure with preserved ejection fraction. <i>JCI Insight</i> , 2018 , 3,	9.9	17
37	Salt Sensitivity of Angiogenesis Inhibition-Induced Blood Pressure Rise: Role of Interstitial Sodium Accumulation?. <i>Hypertension</i> , 2017 , 69, 919-926	8.5	28
36	Salt-responsive gut commensal modulates T17 axis and disease. <i>Nature</i> , 2017 , 551, 585-589	50.4	553
35	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
34	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

33	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
32	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
31	Bcl10 mediates angiotensin II-induced cardiac damage and electrical remodeling. <i>Hypertension</i> , 2014 , 64, 1032-9	8.5	15
30	Role of TRPV1 channels in ischemia/reperfusion-induced acute kidney injury. <i>PLoS ONE</i> , 2014 , 9, e109843	3.7	24
29	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
28	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
27	Novel signalling mechanisms and targets in renal ischaemia and reperfusion injury. <i>Acta Physiologica</i> , 2013 , 208, 25-40	5.6	43
26	Neutrophil gelatinase-associated lipocalin: pathophysiology and clinical applications. <i>Acta Physiologica</i> , 2013 , 207, 663-72	5.6	156
25	CYP2J2 overexpression protects against arrhythmia susceptibility in cardiac hypertrophy. <i>PLoS ONE</i> , 2013 , 8, e73490	3.7	40
24	Interferon- β signaling inhibition ameliorates angiotensin II-induced cardiac damage. <i>Hypertension</i> , 2012 , 60, 1430-6	8.5	117
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	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

15	Potential urinary biomarkers of disease activity in Crohn's disease. <i>Scandinavian Journal of Gastroenterology</i> , 2010 , 45, 1440-8	2.4	8
14	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
13	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
12	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
11	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
10	HPLC is more sensitive to assess urinary albumin than nephelometry in acute stroke patients. <i>FASEB Journal</i> , 2009 , 23, 613.10	0.9	
9	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
8	Morphology of glomerular hematuria is reproduced in vitro by carbonyl stress. <i>Nephron Experimental Nephrology</i> , 2008 , 110, e25-30		1
7	Serum total LDH activity and LDH-2 isozyme in nephrotic syndrome. <i>Kidney and Blood Pressure Research</i> , 2008 , 31, 47-54	3.1	
6	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
5	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
4	Apolipoprotein A5 T-1131C variant confers risk for metabolic syndrome. <i>Pathology and Oncology Research</i> , 2007 , 13, 243-7	2.6	47
3	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
2	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
1	Fasting alters the gut microbiome with sustained blood pressure and body weight reduction in metabolic syndrome patients		4