

István Wittmann

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,294
citations

623734

14
h-index

361022

35
g-index

48
all docs

48
docs citations

48
times ranked

2146
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 383-389.	2.3	553
2	N ^ε -(carboxymethyl)lysine levels in patients with type 2 diabetes: Role of renal function. <i>American Journal of Kidney Diseases</i> , 2001, 38, 785-791.	1.9	90
3	Nationwide effectiveness of five SARS-CoV-2 vaccines in Hungary – the HUN-VE study. <i>Clinical Microbiology and Infection</i> , 2022, 28, 398-404.	6.0	90
4	Serum Carboxymethyllysine Predicts Mortality in Hemodialysis Patients. <i>American Journal of Kidney Diseases</i> , 2006, 47, 294-300.	1.9	81
5	Urinary ortho-tyrosine excretion in diabetes mellitus and renal failure: Evidence for hydroxyl radical production. <i>Kidney International</i> , 2005, 68, 2281-2287.	5.2	45
6	Accumulation of the hydroxyl free radical markers meta-, ortho-tyrosine and DOPA in cataractous lenses is accompanied by a lower protein and phenylalanine content of the water-soluble phase. <i>Free Radical Research</i> , 2005, 39, 1359-1366.	3.3	44
7	Enrichment of Amadori products derived from the nonenzymatic glycation of proteins using microscale boronate affinity chromatography. <i>Analytical Biochemistry</i> , 2009, 393, 8-22.	2.4	42
8	Exenatide induces aortic vasodilation increasing hydrogen sulphide, carbon monoxide and nitric oxide production. <i>Cardiovascular Diabetology</i> , 2014, 13, 69.	6.8	31
9	Role of Tyrosine Isomers in Acute and Chronic Diseases Leading to Oxidative Stress - A Review. <i>Current Medicinal Chemistry</i> , 2016, 23, 667-685.	2.4	22
10	Persistence to Treatment with Novel Antidiabetic Drugs (Dipeptidyl Peptidase-4 Inhibitors,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td with Type 2 Diabetes: A Nationwide Cohort Study. <i>Diabetes Therapy</i> , 2018, 9, 2133-2141.	2.5	22
11	Metabolic syndrome and other cardiovascular risk factors associated with the progression of IgA nephropathy. <i>CKJ: Clinical Kidney Journal</i> , 2013, 6, 395-401.	2.9	18
12	Tyrosine isomers and hormonal signaling: A possible role for the hydroxyl free radical in insulin resistance. <i>World Journal of Diabetes</i> , 2015, 6, 500.	3.5	18
13	Changes in the incidence and prevalence of type 1 and type 2 diabetes among 2 million children and adolescents in Hungary between 2001 and 2016 – a nationwide population-based study. <i>Archives of Medical Science</i> , 2020, 16, 34-41.	0.9	17
14	Prevention and treatment of diabetic nephropathy. <i>Diabetes Research and Clinical Practice</i> , 2005, 68, S36-S42.	2.8	15
15	Effects of pentoxifylline and pentosan polysulphate combination therapy on diabetic neuropathy in type 2 diabetes mellitus. <i>Acta Diabetologica</i> , 2009, 46, 105-111.	2.5	14
16	Incorporation of Ortho- and Meta-Tyrosine Into Cellular Proteins Leads to Erythropoietin-Resistance in an Erythroid Cell Line. <i>Kidney and Blood Pressure Research</i> , 2013, 38, 217-225.	2.0	13
17	Can blood glucose value really be referred to as a metabolic parameter?. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019, 20, 151-160.	5.7	13
18	Dissimilar impact of type 2 diabetes on cardiovascular outcomes according to age categories: a nationwide population study from Hungary. <i>Cardiovascular Diabetology</i> , 2018, 17, 107.	6.8	11

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19	Potential urinary biomarkers of disease activity in Crohn's disease. <i>Scandinavian Journal of Gastroenterology</i> , 2010, 45, 1440-1448.	1.5	10
20	Microalbuminuria, Indicated by Total versus Immunoreactive Urinary Albumins, in Acute Ischemic Stroke Patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2011, 20, 510-516.	1.6	10
21	Association of plasmaortho-tyrosine/para-tyrosine ratio with responsiveness of erythropoiesis-stimulating agent in dialyzed patients. <i>Redox Report</i> , 2014, 19, 190-198.	4.5	9
22	Time courses of changes of para-, meta-, and ortho-tyrosine in septic patients: A pilot study. <i>Redox Report</i> , 2016, 21, 180-189.	4.5	9
23	Decreasing incidence of pharmacologically treated Type 2 diabetes in Hungary from 2001 to 2016: A nationwide cohort study. <i>Diabetes Research and Clinical Practice</i> , 2019, 155, 107788.	2.8	9
24	Risk of morbidity and mortality in patients with type 2 diabetes treated with sodium-glucose cotransporter-2 inhibitor and/or dipeptidyl peptidase-4 inhibitor: a nationwide study. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001765.	2.8	9
25	Heat therapy shows benefit in patients with type 2 diabetes mellitus: a systematic review and meta-analysis. <i>International Journal of Hyperthermia</i> , 2021, 38, 1650-1659.	2.5	9
26	Increase in insulin-induced relaxation of consecutive arterial segments toward the periphery: Role of vascular oxidative state. <i>Free Radical Research</i> , 2014, 48, 749-757.	3.3	8
27	Cigarette smoke elicits relaxation of renal arteries. <i>European Journal of Clinical Investigation</i> , 2011, 41, 195-202.	3.4	7
28	Young adult patients with type 1 diabetes have a higher risk of mortality than those of similar age with type 2 diabetes: A nationwide analysis in Hungary. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3190.	4.0	7
29	Sodium-Glucose Co-Transporter 2 Inhibitors May Change the Development of Urinary Tract and Hematological Malignancies as Compared With Dipeptidyl Peptidase-4 Inhibitors: Data of the Post-Hoc Analysis of a Nationwide Study. <i>Frontiers in Oncology</i> , 2021, 11, 725465.	2.8	7
30	Identification of hantavirus infection by Western blot assay and TaqMan PCR in patients hospitalized with acute kidney injury. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 166-170.	1.8	5
31	Insulin Therapy of Nondiabetic Septic Patients Is Predicted by para-Tyrosine/Phenylalanine Ratio and by Hydroxyl Radical-Derived Products of Phenylalanine. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-7.	4.0	5
32	CARMELINA: An important piece of the DPP-4 inhibitor CVOT puzzle. <i>Diabetes Research and Clinical Practice</i> , 2019, 153, 30-40.	2.8	5
33	Measurement of the modification and interference rate of urinary albumin detected by size-exclusion HPLC. <i>Physiological Measurement</i> , 2009, 30, 1137-1150.	2.1	4
34	Different Changes of Risks for Stroke and Myocardial Infarction in Patients With Type 2 Diabetes in Hungary Between the Two Periods of 2001–2004 and 2010–2013. <i>Frontiers in Endocrinology</i> , 2019, 10, 170.	3.5	4
35	Para-Tyrosine Supplementation Improves Insulin- and Liraglutide- Induced Vasorelaxation in Cholesterol-Fed Rats. <i>Protein and Peptide Letters</i> , 2015, 22, 736-742.	0.9	4
36	Incorporation of Oxidized Phenylalanine Derivatives into Insulin Signaling Relevant Proteins May Link Oxidative Stress to Signaling Conditions Underlying Chronic Insulin Resistance. <i>Biomedicines</i> , 2022, 10, 975.	3.2	4

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37	Protein O-GlcNAc Modification Increases in White Blood Cells After a Single Bout of Physical Exercise. <i>Frontiers in Immunology</i> , 2018, 9, 970.	4.8	3
38	Assessment of serum phenylalanine and tyrosine isomers in patients with ST-segment elevation vs non-ST-segment elevation myocardial infarction. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23613.	2.1	3
39	Changes in mortality rates and ratios in people with pharmacologically treated type 2 diabetes mellitus between 2001 and 2016 in Hungary. <i>Diabetes Research and Clinical Practice</i> , 2020, 163, 108134.	2.8	2
40	A breakthrough-like effect of metformin reduces peripheral resistance to triiodothyronine in euthyroid, non-insulin-resistant, type 2 diabetic patients. <i>Endocrine Connections</i> , 2021, 10, 782-788.	1.9	2
41	Plasma Levels and Renal Handling of Amino Acids Contribute to Determination of Risk of Mortality or Need of Ventilation in Patients with COVID-19. <i>Metabolites</i> , 2022, 12, 486.	2.9	2
42	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, 159-166.	0.9	1
43	Complex vasoactivity of liraglutide. Contribution of three gasotransmitters. <i>Artery Research</i> , 2015, 11, 1.	0.6	1
44	Changes of para-, meta- and ortho-tyrosine over time in burned patients. <i>Immunobiology</i> , 2020, 225, 151917.	1.9	0
45	Insulin Resistance and Metabolic Syndrome. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2007, 18, 31-38.	0.7	0