IstvÃ¡n Wittmann

List of Publications by Year
in descending order

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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	Nationwide effectiveness of five SARS-CoV-2 vaccines in Hungaryâ€"the HUN-VE study. Clinical Microbiology and Infection, 2022, 28, 398-404.	6.0	90
2	Incorporation of Oxidized Phenylalanine Derivatives into Insulin Signaling Relevant Proteins May Link Oxidative Stress to Signaling Conditions Underlying Chronic Insulin Resistance. Biomedicines, 2022, 10, 975.	3.2	4
3	Plasma Levels and Renal Handling of Amino Acids Contribute to Determination of Risk of Mortality or Feed of Ventilation in Patients with COVID-19. Metabolites, 2022, 12, 486.	2.9	2
4	Assessment of serum phenylalanine and tyrosine isomers in patients with STâ€segment elevation vs nonâ€STâ€segment elevation myocardial infarction. Journal of Clinical Laboratory Analysis, 2021, 35, e23613.	2.1	3
5	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. BMJ Open Diabetes Research and Care, 2021, 9, e001765.	2.8	9
6	A breakthrough-like effect of metformin reduces peripheral resistance to triiodothyronine in euthyroid, non-insulin-resistant, type 2 diabetic patients. Endocrine Connections, 2021, 10, 782-788.	1.9	2
7	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. Frontiers in Oncology, 2021, 11, 725465.	2.8	7
8	Heat therapy shows benefit in patients with type 2 diabetes mellitus: a systematic review and meta-analysis. International Journal of Hyperthermia, 2021, 38, 1650-1659.	2.5	9
9	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 â€" a nationwide population-based study. Archives of Medical Science, 2020, 16, 34-41.	0.9	17
10	Changes of para-, meta- and ortho-tyrosine over time in burned patients. Immunobiology, 2020, 225, 151917.	1.9	0
11	Changes in mortality rates and ratios in people with pharmacologically treated type 2 diabetes mellitus between 2001 and 2016 in Hungary. Diabetes Research and Clinical Practice, 2020, 163, 108134.	2.8	2
12	Decreasing incidence of pharmacologically treated Type 2 diabetes in Hungary from 2001 to 2016: A nationwide cohort study. Diabetes Research and Clinical Practice, 2019, 155, 107788.	2.8	9
13	CARMELINA: An important piece of the DPP-4 inhibitor CVOT puzzle. Diabetes Research and Clinical Practice, 2019, 153, 30-40.	2.8	5
14	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. Diabetes/Metabolism Research and Reviews, 2019, 35, e3190.	4.0	7
15	Can blood glucose value really be referred to as a metabolic parameter?. Reviews in Endocrine and Metabolic Disorders, 2019, 20, 151-160.	5.7	13
16	Different Changes of Risks for Stroke and Myocardial Infarction in Patients With Type 2 Diabetes in Hungary Between the Two Periods of 2001â€"2004 and 2010â€"2013. Frontiers in Endocrinology, 2019, 10, 170.	3.5	4
17	Dissimilar impact of type 2 diabetes on cardiovascular outcomes according to age categories: a nationwide population study from Hungary. Cardiovascular Diabetology, 2018, 17, 107.	6.8	11
18	Protein O-GlcNAc Modification Increases in White Blood Cells After a Single Bout of Physical Exercise. Frontiers in Immunology, 2018, 9, 970.	4.8	3

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19	Persistence to Treatment with Novel Antidiabetic Drugs (Dipeptidyl Peptidase-4 Inhibitors,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 with Type 2 Diabetes: A Nationwide Cohort Study. Diabetes Therapy, 2018, 9, 2133-2141.	2.5	22
20	Role of Tyrosine Isomers in Acute and Chronic Diseases Leading to Oxidative Stress - A Review. Current Medicinal Chemistry, 2016, 23, 667-685.	2.4	22
21	Time courses of changes ofpara-,meta-, andortho-tyrosine in septic patients: A pilot study. Redox Report, 2016, 21, 180-189.	4.5	9
22	Insulin Therapy of Nondiabetic Septic Patients Is Predicted bypara-Tyrosine/Phenylalanine Ratio and by Hydroxyl Radical-Derived Products of Phenylalanine. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-7.	4.0	5
23	Tyrosine isomers and hormonal signaling: A possible role for the hydroxyl free radical in insulin resistance. World Journal of Diabetes, 2015, 6, 500.	3.5	18
24	Complex vasoactivity of liraglutide. Contribution of three gasotransmitters. Artery Research, 2015, 11, 1.	0.6	1
25	Para-Tyrosine Supplementation Improves Insulin- and Liraglutide- Induced Vasorelaxation in Cholesterol-Fed Rats. Protein and Peptide Letters, 2015, 22, 736-742.	0.9	4
26	Association of plasmaortho-tyrosine/para-tyrosine ratio with responsiveness of erythropoiesis-stimulating agent in dialyzed patients. Redox Report, 2014, 19, 190-198.	4.5	9
27	Identification of hantavirus infection by Western blot assay and TaqMan PCR in patients hospitalized with acute kidney injury. Diagnostic Microbiology and Infectious Disease, 2014, 79, 166-170.	1.8	5
28	Exenatide induces aortic vasodilation increasing hydrogen sulphide, carbon monoxide and nitric oxide production. Cardiovascular Diabetology, 2014, 13, 69.	6.8	31
29	Increase in insulin-induced relaxation of consecutive arterial segments toward the periphery: Role of vascular oxidative state. Free Radical Research, 2014, 48, 749-757.	3.3	8
30	Incorporation of Ortho- and Meta-Tyrosine Into Cellular Proteins Leads to Erythropoietin-Resistance in an Erythroid Cell Line. Kidney and Blood Pressure Research, 2013, 38, 217-225.	2.0	13
31	Metabolic syndrome and other cardiovascular risk factors associated with the progression of IgA nephropathy. CKJ: Clinical Kidney Journal, 2013, 6, 395-401.	2.9	18
32	Resveratrol improves insulin sensitivity, reduces oxidative stress and activates the Akt pathway in type 2 diabetic patients. British Journal of Nutrition, 2011, 106, 383-389.	2.3	553
33	Microalbuminuria, Indicated by Total versus Immunoreactive Urinary Albumins, in Acute Ischemic Stroke Patients. Journal of Stroke and Cerebrovascular Diseases, 2011, 20, 510-516.	1.6	10
34	Cigarette smoke elicits relaxation of renal arteries. European Journal of Clinical Investigation, 2011, 41, 195-202.	3.4	7
35	Potential urinary biomarkers of disease activity in Crohn's disease. Scandinavian Journal of Gastroenterology, 2010, 45, 1440-1448.	1.5	10
36	Effects of pentoxifylline and pentosan polysulphate combination therapy on diabetic neuropathy in type 2 diabetes mellitus. Acta Diabetologica, 2009, 46, 105-111.	2.5	14

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37	Enrichment of Amadori products derived from the nonenzymatic glycation of proteins using microscale boronate affinity chromatography. Analytical Biochemistry, 2009, 393, 8-22.	2.4	42
38	Measurement of the modification and interference rate of urinary albumin detected by size-exclusion HPLC. Physiological Measurement, 2009, 30, 1137-1150.	2.1	4
39	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. Acta Physiologica Hungarica, 2007, 94, 159-166.	0.9	1
40	Insulin Resistance and Metabolic Syndrome. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2007, 18, 31-38.	0.7	0
41	Serum Carboxymethyllysine Predicts Mortality in Hemodialysis Patients. American Journal of Kidney Diseases, 2006, 47, 294-300.	1.9	81
42	Urinary ortho-tyrosine excretion in diabetes mellitus and renal failure: Evidence for hydroxyl radical production. Kidney International, 2005, 68, 2281-2287.	5.2	45
43	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. Free Radical Research, 2005, 39, 1359-1366.	3.3	44
44	Prevention and treatment of diabetic nephropathy. Diabetes Research and Clinical Practice, 2005, 68, S36-S42.	2.8	15
45	NÏµ-(carboxymethyl)lysine levels in patients with type 2 diabetes: Role of renal function. American Journal of Kidney Diseases, 2001, 38, 785-791.	1.9	90