

Jan Åkrha jr

List of Publications by Year in descending order

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33
papers

5,128
citations

361413

20
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

5423
citing authors

#	ARTICLE	IF	CITATIONS
1	Secondary prevention of macrovascular events in patients with type 2 diabetes in the PROactive Study (PROspective pioglitAzone Clinical Trial In macroVascular Events): a randomised controlled trial. <i>Lancet, The</i> , 2005, 366, 1279-1289.	13.7	3,840
2	Glycemic Outcomes in Adults With T1D Are Impacted More by Continuous Glucose Monitoring Than by Insulin Delivery Method: 3 Years of Follow-Up From the COMISAIR Study. <i>Diabetes Care</i> , 2020, 43, 37-43.	8.6	168
3	Glucose variability, HbA1c and microvascular complications. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2016, 17, 103-110.	5.7	105
4	Comparison of Different Treatment Modalities for Type 1 Diabetes, Including Sensor-Augmented Insulin Regimens, in 52 Weeks of Follow-Up: A COMISAIR Study. <i>Diabetes Technology and Therapeutics</i> , 2016, 18, 532-538.	4.4	100
5	Glycemic Variability Is Higher in Type 1 Diabetes Patients with Microvascular Complications Irrespective of Glycemic Control. <i>Diabetes Technology and Therapeutics</i> , 2014, 16, 198-203.	4.4	96
6	Comparison of the Insulin Action Parameters from Hyperinsulinemic Clamps with Homeostasis Model Assessment and QUICKI Indexes in Subjects with Different Endocrine Disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 135-141.	3.6	93
7	Worldwide inertia to the use of cardiorenal protective glucose-lowering drugs (SGLT2i and GLP-1 RA) in high-risk patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2020, 19, 185.	6.8	83
8	Issues of Cardiovascular Risk Management in People With Diabetes in the COVID-19 Era. <i>Diabetes Care</i> , 2020, 43, 1427-1432.	8.6	72
9	Lipidomic profiling of human serum enables detection of pancreatic cancer. <i>Nature Communications</i> , 2022, 13, 124.	12.8	68
10	Relationship of Soluble RAGE and RAGE Ligands HMGB1 and EN-RAGE to Endothelial Dysfunction in Type 1 and Type 2 Diabetes Mellitus. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2012, 120, 277-281.	1.2	60
11	Angiotensin-like protein 3 and 4 in obesity, type 2 diabetes mellitus, and malnutrition: the effect of weight reduction and realimentation. <i>Nutrition and Diabetes</i> , 2018, 8, 21.	3.2	52
12	Comparison of laser-Doppler flowmetry with biochemical indicators of endothelial dysfunction related to early microangiopathy in Type 1 diabetic patients. <i>Journal of Diabetes and Its Complications</i> , 2001, 15, 234-240.	2.3	41
13	Issues for the management of people with diabetes and COVID-19 in ICU. <i>Cardiovascular Diabetology</i> , 2020, 19, 114.	6.8	41
14	Oxidative stress and endothelium influenced by metformin in type 2 diabetes mellitus. <i>European Journal of Clinical Pharmacology</i> , 2007, 63, 1107-1114.	1.9	37
15	Prevalence and Risk Factors of Osteoporosis in Postmenopausal Women with Type 2 Diabetes Mellitus. <i>Central European Journal of Public Health</i> , 2017, 25, 3-10.	1.1	31
16	Increased tissue and circulating levels of dipeptidyl peptidase-IV enzymatic activity in patients with pancreatic ductal adenocarcinoma. <i>Pancreatology</i> , 2016, 16, 829-838.	1.1	28
17	Serum $\hat{\alpha}$ -tocopherol and ascorbic acid concentrations in Type 1 and Type 2 diabetic patients with and without angiopathy. <i>Clinica Chimica Acta</i> , 2003, 329, 103-108.	1.1	22
18	2,3,7,8-TCDD exposure, endothelial dysfunction and impaired microvascular reactivity. <i>Human and Experimental Toxicology</i> , 2007, 26, 705-713.	2.2	22

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19	Skin Autofluorescence Relates to Soluble Receptor for Advanced Glycation End-Products and Albuminuria in Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-7.	2.3	17
20	The IGFBP3/TMEM219 pathway regulates beta cell homeostasis. <i>Nature Communications</i> , 2022, 13, 684.	12.8	16
21	Serum microRNA-196 and microRNA-200 in pancreatic ductal adenocarcinoma of patients with diabetes mellitus. <i>Pancreatology</i> , 2016, 16, 839-843.	1.1	15
22	Induction of the mitochondrial permeability transition (MPT) by micromolar iron: Liberation of calcium is more important than NAD(P)H oxidation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1537-1549.	1.0	10
23	Diabetes, Cardiovascular Disorders and 2,3,7,8-tetrachlorodibenzo-p-dioxin Body Burden in Czech Patients 50 Years After the Intoxication. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 356-359.	2.5	10
24	High Prevalence of Hypovitaminosis D in Postmenopausal Women with Type 2 Diabetes Mellitus. <i>Prague Medical Report</i> , 2016, 117, 5-17.	0.8	10
25	Can the atherosclerosis prevention targets be achieved in type 2 diabetes?. <i>Diabetes Research and Clinical Practice</i> , 2005, 68, S48-S51.	2.8	8
26	Diabetes mellitus – a global pandemic Keynote lecture presented at the Wonca conference in Prague in June 2013. <i>European Journal of General Practice</i> , 2014, 20, 65-68.	2.0	6
27	Diabetes, Lipids, and CV Risk. <i>Current Atherosclerosis Reports</i> , 2021, 23, 8.	4.8	6
28	Acute Hyperglycemia Does Not Impair Microvascular Reactivity and Endothelial Function during Hyperinsulinemic Isoglycemic and Hyperglycemic Clamp in Type 1 Diabetic Patients. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-8.	3.8	4
29	Serum isoamylase activities during infusions of glucose and amino acids. <i>European Journal of Clinical Investigation</i> , 1986, 16, 35-38.	3.4	3
30	Effect of caloric restriction on oxidative markers. <i>Advances in Clinical Chemistry</i> , 2009, 47, 223-47.	3.7	3
31	Postprandial microvascular reactivity is significantly modified by endogenous insulin in recently diagnosed Type 2 diabetic patients. <i>Diabetes Research and Clinical Practice</i> , 2018, 139, 300-307.	2.8	2
32	Lipid peroxidation and impaired vascular function in patients with type 1 diabetes mellitus. <i>Monatshefte für Chemie</i> , 2019, 150, 525-529.	1.8	2
33	1518-P: Worsening of Microvascular Reactivity and Markers of Endothelial Activation and Oxidative Stress in Patients with Stabilized Type 1 Diabetes: 3-Year Follow-Up. <i>Diabetes</i> , 2020, 69, .	0.6	2