

Irina Kowalska

List of Publications by Year in descending order

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73
papers

2,831
citations

218677

26
h-index

182427

51
g-index

76
all docs

76
docs citations

76
times ranked

6783
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale genome-wide meta-analysis of polycystic ovary syndrome suggests shared genetic architecture for different diagnosis criteria. <i>PLoS Genetics</i> , 2018, 14, e1007813.	3.5	341
2	Effects of Prandial Versus Fasting Glycemia on Cardiovascular Outcomes in Type 2 Diabetes: The HEART2D trial. <i>Diabetes Care</i> , 2009, 32, 381-386.	8.6	320
3	Plasma Interleukin-8 Concentrations Are Increased in Obese Subjects and Related to Fat Mass and Tumor Necrosis Factor- α System. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 4602-4606.	3.6	248
4	Relationship Between Insulin Sensitivity and Sphingomyelin Signaling Pathway in Human Skeletal Muscle. <i>Diabetes</i> , 2004, 53, 1215-1221.	0.6	219
5	Serum visfatin in relation to insulin resistance and markers of hyperandrogenism in lean and obese women with polycystic ovary syndrome. <i>Human Reproduction</i> , 2007, 22, 1824-1829.	0.9	96
6	PoLA/CFPiP/PCS/PSLD/PSD/PSH guidelines on diagnosis and therapy of lipid disorders in Poland 2021. <i>Archives of Medical Science</i> , 2021, 17, 1447-1547.	0.9	78
7	Autophagy-regulating TP53INP2 mediates muscle wasting and is repressed in diabetes. <i>Journal of Clinical Investigation</i> , 2014, 124, 1914-1927.	8.2	72
8	Hepatokines and non-alcoholic fatty liver disease. <i>Acta Biochimica Polonica</i> , 2016, 63, 459-467.	0.5	72
9	Plasma Interleukin-10 Concentration Is Positively Related to Insulin Sensitivity in Young Healthy Individuals. <i>Diabetes Care</i> , 2005, 28, 2036-2037.	8.6	69
10	Elevated soluble intercellular adhesion molecule-1 levels in obesity: Relationship to insulin resistance and tumor necrosis factor- α system activity. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 75-78.	3.4	66
11	Soluble Tumor Necrosis Factor- α Receptors in Young Obese Subjects With Normal and Impaired Glucose Tolerance. <i>Diabetes Care</i> , 2003, 26, 875-880.	8.6	60
12	Insulin resistance, serum adiponectin, and proinflammatory markers in young subjects with the metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 1539-1544.	3.4	59
13	Circulating Brain-Derived Neurotrophic Factor Concentration Is Downregulated by Intralipid/Heparin Infusion or High-Fat Meal in Young Healthy Male Subjects. <i>Diabetes Care</i> , 2012, 35, 358-362.	8.6	58
14	Increased Plasma-Soluble Tumor Necrosis Factor- α Receptor 2 Level in Lean Nondiabetic Offspring of Type 2 Diabetic Subjects. <i>Diabetes Care</i> , 2002, 25, 1824-1828.	8.6	49
15	Circulating E-selectin, vascular cell adhesion molecule-1, and intercellular adhesion molecule-1 in men with coronary artery disease assessed by angiography and disturbances of carbohydrate metabolism. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 733-736.	3.4	48
16	Plasma interleukin 8 concentrations in obese subjects with impaired glucose tolerance. <i>Cardiovascular Diabetology</i> , 2003, 2, 5.	6.8	47
17	Serum Retinol Binding Protein 4 Is Related to Insulin Resistance and Nonoxidative Glucose Metabolism in Lean and Obese Women with Normal Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 2786-2789.	3.6	46
18	Insulin sensitivity, plasma adiponectin and sICAM-1 concentrations in patients with subclinical hypothyroidism: response to levothyroxine therapy. <i>Endocrine</i> , 2011, 40, 95-101.	2.3	44

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19	The Role of Skeletal Muscle Sphingolipids in the Development of Insulin Resistance. Review of Diabetic Studies, 2008, 5, 13-24.	1.3	38
20	Hyperinsulinemia acutely increases serum macrophage inhibitory cytokineâ€”1 concentration in anorexia nervosa and obesity. Clinical Endocrinology, 2012, 76, 46-50.	2.4	37
21	Mutations in the <i>ABCC8</i> (SUR1 subunit of the K_{ATP} channel) gene are associated with a variable clinical phenotype. Clinical Endocrinology, 2009, 71, 358-362.	2.4	35
22	Increased suppression of serum ghrelin concentration by hyperinsulinemia in women with anorexia nervosa. European Journal of Endocrinology, 2010, 162, 235-239.	3.7	35
23	The Kynurenine Pathwayâ€”New Linkage between Innate and Adaptive Immunity in Autoimmune Endocrinopathies. International Journal of Molecular Sciences, 2021, 22, 9879.	4.1	34
24	Insulin sensitivity, metabolic flexibility, and serum adiponectin concentration in women with anorexia nervosa. Metabolism: Clinical and Experimental, 2010, 59, 473-477.	3.4	32
25	Hepatokines and non-alcoholic fatty liver disease. Acta Biochimica Polonica, 2016, 63, .	0.5	32
26	Polycystic ovary syndrome and the risk of cardiometabolic complications in longitudinal studies. Diabetes/Metabolism Research and Reviews, 2018, 34, e3054.	4.0	32
27	The Effect of Insulin Infusion on the Metabolites in Cerebral Tissues Assessed With Proton Magnetic Resonance Spectroscopy in Young Healthy Subjects With High and Low Insulin Sensitivity. Diabetes Care, 2013, 36, 2787-2793.	8.6	29
28	Decreased serum brain-derived neurotrophic factor concentration in young nonobese subjects with low insulin sensitivity. Clinical Biochemistry, 2011, 44, 817-820.	1.9	26
29	Serum Soluble Glycoprotein 130 Concentration Is Inversely Related to Insulin Sensitivity in Women With Polycystic Ovary Syndrome. Diabetes, 2010, 59, 1026-1029.	0.6	25
30	Body Composition, Serum Concentrations of Androgens and Insulin Resistance in Different Polycystic Ovary Syndrome Phenotypes. Journal of Clinical Medicine, 2020, 9, 732.	2.4	25
31	Serum irisin and its regulation by hyperinsulinemia in women with polycystic ovary syndrome. Endocrine Journal, 2016, 63, 1107-1112.	1.6	23
32	Impact of the <sc><i>FTO</i></sc> gene variation on fat oxidation and its potential influence on body weight in women with polycystic ovary syndrome. Clinical Endocrinology, 2012, 77, 120-125.	2.4	22
33	Plasma adiponectin concentration and tumor necrosis factor-Î± system activity in lean non-diabetic offspring of type 2 diabetic subjects. European Journal of Endocrinology, 2006, 154, 319-324.	3.7	21
34	Metabolic syndrome and the risk of cardiovascular complications in young patients with different phenotypes of polycystic ovary syndrome. Endocrine, 2021, 72, 400-410.	2.3	21
35	Metabolic syndrome and its components in different phenotypes of polycystic ovary syndrome. Diabetes/Metabolism Research and Reviews, 2022, 38, e3464.	4.0	18
36	Efficacy and Safety of Prandial Premixed Therapy Using Insulin Lispro Mix 50/50 3 Times Daily Compared With Progressive Titration of Insulin Lispro Mix 75/25 or Biphasic Insulin Aspart 70/30 Twice Daily in Patients With Type 2 Diabetes Mellitus: A Randomized, 16-Week, Open-Label Study. Clinical Therapeutics, 2011, 33, 1682-1693.	2.5	17

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37	Role of adipose tissue in the development of vascular complications in type 2 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2007, 78, S14-S22.	2.8	16
38	The influence of insulin infusion on the metabolism of amyloid β peptides in plasma. , 2013, 9, 400-405.		16
39	The Association of Serum Levels of Leptin and Ghrelin with the Dietary Fat Content in Non-Obese Women with Polycystic Ovary Syndrome. <i>Nutrients</i> , 2020, 12, 2753.	4.1	16
40	Normal metabolic flexibility despite insulin resistance women with polycystic ovary syndrome. <i>Endocrine Journal</i> , 2013, 60, 1107-1113.	1.6	15
41	Relationships of serum soluble E-selectin concentration with insulin sensitivity and metabolic flexibility in lean and obese women. <i>Endocrine</i> , 2014, 45, 422-429.	2.3	15
42	Serum and adipose tissue chemerin is differentially related to insulin sensitivity. <i>Endocrine Connections</i> , 2020, 9, 360-369.	1.9	15
43	Adipocytokines, gut hormones and growth factors in anorexia nervosa. <i>Clinica Chimica Acta</i> , 2011, 412, 1702-1711.	1.1	14
44	Plasma levels of soluble tumor necrosis factor-alpha receptors are related to total and LDL-cholesterol in lean, but not in obese subjects. <i>Cardiovascular Diabetology</i> , 2006, 5, 14.	6.8	13
45	An alternative spliced variant of circulating soluble tumor necrosis factor- β receptor-2 is paradoxically associated with insulin action. <i>European Journal of Endocrinology</i> , 2006, 154, 723-730.	3.7	13
46	Circulating interleukin 6 and soluble forms of its receptors in relation to resting energy expenditure in women with anorexia nervosa. <i>Clinical Endocrinology</i> , 2013, 79, 812-816.	2.4	13
47	Serum anti-M β 1/4lllerian hormone concentration in women with polycystic ovary syndrome and type 1 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 804-811.	3.4	13
48	The Association Between Serum Ferritin Concentration and Visceral Adiposity Estimated by Whole-Body DXA Scan in Women With Polycystic Ovary Syndrome. <i>Frontiers in Endocrinology</i> , 2019, 10, 873.	3.5	13
49	Increased serum fetuin-B concentration is associated with HOMA- β and indices of liver steatosis in women with polycystic ovary syndrome: a pilot study. <i>Endocrine Connections</i> , 2019, 8, 1159-1167.	1.9	13
50	Novel associations between inflammation-related proteins and adiposity: A targeted proteomics approach across four population-based studies. <i>Translational Research</i> , 2022, 242, 93-104.	5.0	13
51	Serum Visfatin Is Differentially Regulated by Insulin and Free Fatty Acids in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E293-E297.	3.6	12
52	Ovarian Reserve and Serum Concentration of Thyroid Peroxidase Antibodies in Euthyroid Women With Different Polycystic Ovary Syndrome Phenotypes. <i>Frontiers in Endocrinology</i> , 2020, 11, 440.	3.5	12
53	Insulin Resistance Is Associated With Decreased Circulating Mannan-Binding Lectin Concentrations in Women With Polycystic Ovary Syndrome. <i>Diabetes Care</i> , 2008, 31, e20-e20.	8.6	11
54	β T-cells alterations in the peripheral blood of high risk diabetes type 1 subjects with subclinical pancreatic B-cells impairment. <i>Immunology Letters</i> , 1999, 68, 289-293.	2.5	10

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55	Subjective well-being in non-obese individuals depends strongly on body composition. <i>Scientific Reports</i> , 2021, 11, 21797.	3.3	10
56	Decreased deiodinase activity after glucose load could lead to atherosclerosis in euthyroid women with polycystic ovary syndrome. <i>Endocrine</i> , 2019, 65, 184-191.	2.3	9
57	Changes in Metabolic Profile in the Women with a History of PCOS – A Long-Term Follow-Up Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3367.	2.4	9
58	Serum Concentrations of Betatrophin and Its Association with Indirect Indices of Insulin Resistance and Beta Cell Function in Women with Polycystic Ovary Syndrome. <i>International Journal of Endocrinology</i> , 2017, 2017, 1-6.	1.5	8
59	The Effect of Ageing on Clinical, Hormonal and Sonographic Features Associated with PCOS – A Long-Term Follow-Up Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 2101.	2.4	8
60	LMNA gene mutation search in Polish patients: new features of the heterozygous Arg482Gln mutation phenotype. <i>Endocrine</i> , 2009, 36, 518-523.	2.3	7
61	The Influence of Prepubertal Onset of Type 1 Diabetes and Age of Menarche on Polycystic Ovary Syndrome Diagnosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1811-1820.	3.6	7
62	Serum Chemerin Concentration Is Associated with Proinflammatory Status in Chronic Coronary Syndrome. <i>Biomolecules</i> , 2021, 11, 1149.	4.0	7
63	Hormon anty-mięśniowy i zespół policystycznych jajników. <i>Endokrynologia Polska</i> , 2017, 68, 74-78.	1.0	6
64	Body Composition and Serum Anti-Müllerian Hormone Levels in Euthyroid Caucasian Women With Hashimoto Thyroiditis. <i>Frontiers in Endocrinology</i> , 2021, 12, 657752.	3.5	5
65	Voice changes in reproductive disorders, thyroid disorders and diabetes: a review. <i>Endocrine Connections</i> , 2022, 11, .	1.9	5
66	Relationship between serum gonadotrophin concentrations and thyroid volume in women with polycystic ovary syndrome. <i>Polish Archives of Internal Medicine</i> , 2016, 126, 891-894.	0.4	3
67	Does polycystic ovary syndrome increase the risk of subclinical vascular disease in normal-weight type 1 diabetic women?. <i>Polish Archives of Internal Medicine</i> , 2017, 127, 741-748.	0.4	2
68	Body Composition and Serum Concentration of Thyroid Hormones in Euthyroid Men and Women from General Population. <i>Journal of Clinical Medicine</i> , 2022, 11, 2118.	2.4	2
69	Glucose homeostasis in young adults without diagnosis of diabetes mellitus. <i>Lancet</i> , 1979, 360, 1979.	13.7	1
70	Undiagnosed Diabetes and Prediabetes in Patients with Chronic Coronary Syndromes – An Alarming Public Health Issue. <i>Journal of Clinical Medicine</i> , 2021, 10, 1981.	2.4	1
71	Fenofibrate reduces angiographic progression of coronary artery disease in Type 2 diabetes. <i>Evidence-based Cardiovascular Medicine</i> , 2001, 5, 135-136.	0.0	0
72	Anorexia Nervosa, Bulimia Nervosa, and Other Eating Disorders. , 2016, , 498-514.e7.		0

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73	The relationships between FLAIS, a novel insulin sensitivity index, and cardiovascular risk factors in a population-based study. <i>Cardiovascular Diabetology</i> , 2022, 21, 55.	6.8	0