Olga Pivovarova

List of Publications by Year
in descending order

55	1,773	257101 24	288905 40
papers	citations	h-index	g-index

59	59	59	2988
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isocaloric Diets High in Animal or Plant Protein Reduce Liver Fat and Inflammation in Individuals With Type 2 Diabetes. Gastroenterology, 2017, 152, 571-585.e8.	0.6	194
2	WISP1 Is a Novel Adipokine Linked to Inflammation in Obesity. Diabetes, 2015, 64, 856-866.	0.3	107
3	Cytokines for evaluation of chronic inflammatory status in ageing research: reliability and phenotypic characterisation. Immunity and Ageing, 2019, 16, 11.	1.8	106
4	Insulin-degrading enzyme: new therapeutic target for diabetes and Alzheimerâ€™s disease?. Annals of Medicine, 2016, 48, 614-624.	1.5	94
5	Insulin Up-Regulates Natriuretic Peptide Clearance Receptor Expression in the Subcutaneous Fat Depot in Obese Subjects: A Missing Link between CVD Risk and Obesity?. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E731-E739.	1.8	81
6	GIP increases adipose tissue expression and blood levels of MCP-1 in humans and links high energy diets to inflammation: a randomised trial. Diabetologia, 2015, 58, 1759-1768.	2.9	73
7	Dietary rapeseed/canola-oil supplementation reduces serum lipids and liver enzymes and alters postprandial inflammatory responses in adipose tissue compared to olive-oil supplementation in obese men. Molecular Nutrition and Food Research, 2015, 59, 507-519.	1.5	67
8	Changes of Dietary Fat and Carbohydrate Content Alter Central and Peripheral Clock in Humans. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2291-2302.	1.8	63
9	Polymorphisms within insulin-degrading enzyme (IDE) gene determine insulin metabolism and risk of type 2 diabetes. Journal of Molecular Medicine, 2009, 87, 1145-1151.	1.7	58
10	Hepatic Insulin Clearance Is Closely Related to Metabolic Syndrome Components. Diabetes Care, 2013, 36, 3779-3785.	4.3	57
11	Meal Timing, Aging, and Metabolic Health. International Journal of Molecular Sciences, 2019, 20, 1911.	1.8	53
12	VEGF and GLUT1 are highly heritable, inversely correlated and affected by dietary fat intake: Consequences for cognitive function in humans. Molecular Metabolism, 2018, 11, 129-136.	3.0	49
13	Comparison of the effects of diets high in animal or plant protein on metabolic and cardiovascular markers in type 2 diabetes: <scp>A</scp> randomized clinical trial. Diabetes, Obesity and Metabolism, 2017, 19, 944-952.	2.2	45
14	Regulation of the clock gene expression in human adipose tissue by weight loss. International Journal of Obesity, 2016, 40, 899-906.	1.6	44
15	Development, validation and application of an ICP-MS/MS method to quantify minerals and (ultra-)trace elements in human serum. Journal of Trace Elements in Medicine and Biology, 2018, 49, 157-163.	1.5	44
16	Highâ€protein diet more effectively reduces hepatic fat than lowâ€protein diet despite lower autophagy and FGF21 levels. Liver International, 2020, 40, 2982-2997.	1.9	42
17	The effect of diurnal distribution of carbohydrates and fat on glycaemic control in humans: a randomized controlled trial. Scientific Reports, 2017, 7, 44170.	1.6	39
18	Modulation of insulin degrading enzyme activity and liver cell proliferation. Cell Cycle, 2015, 14, 2293-2300.	1.3	36

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19	Glucose inhibits the insulin-induced activation of the insulin-degrading enzyme in HepG2 cells. Diabetologia, 2009, 52, 1656-1664.	2.9	35
20	The novel adipokine WISP1 associates with insulin resistance and impairs insulin action in human myotubes and mouse hepatocytes. Diabetologia, 2018, 61, 2054-2065.	2.9	34
21	Rate of appearance of amino acids after a meal regulates insulin and glucagon secretion in patients with type 2 diabetes: a randomized clinical trial. American Journal of Clinical Nutrition, 2018, 108, 279-291.	2.2	31
22	Assessment of circulating Wnt1 inducible signalling pathway protein 1 (WISP-1)/CCN4 as a novel biomarker of obesity. Journal of Cell Communication and Signaling, 2018, 12, 539-548.	1.8	30
23	Effects of plant and animal high protein diets on immune-inflammatory biomarkers: A 6-week intervention trial. Clinical Nutrition, 2020, 39, 862-869.	2.3	28
24	Time Restricted Eating: A Dietary Strategy to Prevent and Treat Metabolic Disturbances. Frontiers in Endocrinology, 2021, 12, 683140.	1.5	28
25	Circulating Wnt1-inducible signaling pathway protein-1 (WISP-1/CCN4) is a novel biomarker of adiposity in subjects with type 2 diabetes. Journal of Cell Communication and Signaling, 2020, 14, 101-109.	1.8	25
26	The influence of genetic variations in HHEX gene on insulin metabolism in the German MESYBEPO cohort. Diabetes/Metabolism Research and Reviews, 2009, 25, 156-162.	1.7	24
27	Regulation of nutrition-associated receptors in blood monocytes of normal weight and obese humans. Peptides, 2015, 65, 12-19.	1.2	24
28	Effects of Palatinose and Sucrose Intake on Glucose Metabolism and Incretin Secretion in Subjects With Type 2 Diabetes. Diabetes Care, 2016, 39, e38-e39.	4.3	24
29	Orphan GPR116 mediates the insulin sensitizing effects of the hepatokine FNDC4 in adipose tissue. Nature Communications, 2021, 12, 2999.	5.8	22
30	Effects of diets high in animal or plant protein on oxidative stress in individuals with type 2 diabetes: A randomized clinical trial. Redox Biology, 2020, 29, 101397.	3.9	21
31	Shotgun Lipidomics Discovered Diurnal Regulation of Lipid Metabolism Linked to Insulin Sensitivity in Nondiabetic Men. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 1501-1514.	1.8	17
32	Effects of Acarbose Treatment on Markers of Insulin Sensitivity and Systemic Inflammation. Diabetes Technology and Therapeutics, 2011, 13, 615-623.	2.4	16
33	Bioavailability and metabolism of benzyl glucosinolate in humans consuming Indian cress (Tropaeolum majus L.). Molecular Nutrition and Food Research, 2016, 60, 652-660.	1.5	16
34	Diurnal distribution of carbohydrates and fat affects substrate oxidation and adipokine secretion in humans. American Journal of Clinical Nutrition, 2018, 108, 1209-1219.	2.2	13
35	Insulin Directly Regulates the Circadian Clock in Adipose Tissue. Diabetes, 2021, 70, 1985-1999.	0.3	12
36	Endogenously released GIP reduces and GLP-1 increases hepatic insulin extraction. Peptides, 2020, 125, 170231.	1.2	11

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37	Similar dietary regulation of IGF-1- and IGF-binding proteins by animal and plant protein in subjects with type 2 diabetes. European Journal of Nutrition, 2021, 60, 3499-3504.	1.8	11
38	Saliva Samples as A Tool to Study the Effect of Meal Timing on Metabolic And Inflammatory Biomarkers. Nutrients, 2020, 12, 340.	1.7	10
39	Effects of High and Low Protein Diets on Inflammatory Profiles in People with Morbid Obesity: A 3-Week Intervention Study. Nutrients, 2020, 12, 3636.	1.7	9
40	Metabolomic linkage reveals functional interaction between glucose-dependent insulinotropic polypeptide and ghrelin in humans. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E608-E617.	1.8	8
41	Effect of Exogenous Intravenous Administrations of GLP-1 and/or GIP on Circulating Pro-Atrial Natriuretic Peptide in Subjects With Different Stages of Glucose Tolerance. Diabetes Care, 2015, 38, e7-e8.	4.3	8
42	Effect of Meglitinides on Postprandial Ghrelin Secretion Pattern in Type 2 Diabetes Mellitus. Diabetes Technology and Therapeutics, 2010, 12, 57-64.	2.4	7
43	Hepatic Wnt1 Inducible Signaling Pathway Protein 1 (WISP-1/CCN4) Associates with Markers of Liver Fibrosis in Severe Obesity. Cells, 2021, 10, 1048.	1.8	7
44	Effects of Early vs. Late Time-Restricted Eating on Cardiometabolic Health, Inflammation, and Sleep in Overweight and Obese Women: A Study Protocol for the ChronoFast Trial. Frontiers in Nutrition, 2021, 8, 765543.	1.6	7
45	A Polymorphism Within the Connective Tissue Growth Factor (CTGF) Gene has No Effect on Non-Invasive Markers of Beta-Cell Area and Risk of Type 2 Diabetes. Disease Markers, 2011, 31, 241-246.	0.6	6
46	Acarbose treatment enhances mid-regional pro-atrial natriuretic peptide concentrations in non-diabetic individuals: further evidence for a common cardiometabolic pathway?. Diabetologia, 2012, 55, 3392-3395.	2.9	6
47	Oral administration of nasturtium affects peptide YY secretion in male subjects. Molecular Nutrition and Food Research, 2017, 61, 1600886.	1.5	5
48	High Protein Diets Improve Liver Fat and Insulin Sensitivity by Prandial but Not Fasting Glucagon Secretion in Type 2 Diabetes. Frontiers in Nutrition, 2022, 9, .	1.6	5
49	A polymorphism within the connective tissue growth factor (CTGF) gene has no effect on non-invasive markers of beta-cell area and risk of type 2 diabetes. Disease Markers, 2011, 31, 241-6.	0.6	4
50	SNP rs6564851 in the BCO1 Gene Is Associated with Varying Provitamin a Plasma Concentrations but Not with Retinol Concentrations among Adolescents from Rural Ghana. Nutrients, 2020, 12, 1786.	1.7	3
51	Liver fat scores do not reflect interventional changes in liver fat content induced by high-protein diets. Scientific Reports, 2021, 11, 8843.	1.6	3
52	In vivo effect of glucose-dependent insulinotropic peptide (GIP) on the gene expression of calcitonin peptides in human subcutaneous adipose tissue. Regulatory Peptides, 2012, 179, 29-32.	1.9	2
53	Physical Performance and Non-Esterified Fatty Acids in Men and Women after Transcatheter Aortic Valve Implantation (TAVI). Nutrients, 2022, 14, 203.	1.7	1
54	Effects of weight loss and long-term weight maintenance with diets varying in protein and glycemic index on circulating pro-neurotensin in the Diet, Obesity, and Genes (DiOGenes) Study: a randomized, controlled trial. Endocrine Abstracts, 0, , .	0.0	0

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55	Plasma metabolomic markers of insulin resistance in humans.. Endocrine Abstracts, 0, , .	0.0	0