

Devjit Tripathy

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

8,280
citations

109321

35
h-index

138484

58
g-index

60
all docs

60
docs citations

60
times ranked

11918
citing authors

#	ARTICLE	IF	CITATIONS
1	Skeletal Muscle Insulin Resistance Is the Primary Defect in Type 2 Diabetes. <i>Diabetes Care</i> , 2009, 32, S157-S163.	8.6	1,423
2	Dapagliflozin improves muscle insulin sensitivity but enhances endogenous glucose production. <i>Journal of Clinical Investigation</i> , 2014, 124, 509-514.	8.2	661
3	Pioglitazone for Diabetes Prevention in Impaired Glucose Tolerance. <i>New England Journal of Medicine</i> , 2011, 364, 1104-1115.	27.0	646
4	Elevation of Free Fatty Acids Induces Inflammation and Impairs Vascular Reactivity in Healthy Subjects. <i>Diabetes</i> , 2003, 52, 2882-2887.	0.6	546
5	Insulin Secretion and Action in Subjects With Impaired Fasting Glucose and Impaired Glucose Tolerance: Results From the Veterans Administration Genetic Epidemiology Study. <i>Diabetes</i> , 2006, 55, 1430-1435.	0.6	429
6	Relationship Between Testosterone Levels, Insulin Sensitivity, and Mitochondrial Function in Men. <i>Diabetes Care</i> , 2005, 28, 1636-1642.	8.6	392
7	Contributions of β -Cell Dysfunction and Insulin Resistance to the Pathogenesis of Impaired Glucose Tolerance and Impaired Fasting Glucose. <i>Diabetes Care</i> , 2006, 29, 1130-1139.	8.6	382
8	Evidence for a Potent Antiinflammatory Effect of Rosiglitazone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 2728-2735.	3.6	355
9	Circulating Fibroblast Growth Factor-21 Is Elevated in Impaired Glucose Tolerance and Type 2 Diabetes and Correlates With Muscle and Hepatic Insulin Resistance. <i>Diabetes Care</i> , 2009, 32, 1542-1546.	8.6	341
10	Anti-Inflammatory and Profibrinolytic Effect of Insulin in Acute ST-Segmentâ€“Elevation Myocardial Infarction. <i>Circulation</i> , 2004, 109, 849-854.	1.6	280
11	Increase in intranuclear nuclear factor κ B and decrease in inhibitor κ B in mononuclear cells after a mixed meal: evidence for a proinflammatory effect. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 682-690.	4.7	224
12	The Effect of Nonsurgical Periodontal Therapy on Hemoglobin A_{1c} Levels in Persons With Type 2 Diabetes and Chronic Periodontitis. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 2523.	7.4	211
13	Angiotensin II Receptor Blocker Valsartan Suppresses Reactive Oxygen Species Generation in Leukocytes, Nuclear Factor κ B, in Mononuclear Cells of Normal Subjects: Evidence of an Antiinflammatory Action. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 4496-4501.	3.6	198
14	Contribution of Insulin-Stimulated Glucose Uptake and Basal Hepatic Insulin Sensitivity to Surrogate Measures of Insulin Sensitivity. <i>Diabetes Care</i> , 2004, 27, 2204-2210.	8.6	159
15	Dapagliflozin Enhances Fat Oxidation and Ketone Production in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2016, 39, 2036-2041.	8.6	155
16	Differential effects of glucose and alcohol on reactive oxygen species generation and intranuclear nuclear factor κ B in mononuclear cells. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 330-334.	3.4	139
17	Dapagliflozin Lowers Plasma Glucose Concentration and Improves β -Cell Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1927-1932.	3.6	133
18	Sclerostin and Insulin Resistance in Prediabetes: Evidence of a Cross Talk Between Bone and Glucose Metabolism. <i>Diabetes Care</i> , 2015, 38, 1509-1517.	8.6	99

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19	Pioglitazone Slows Progression of Atherosclerosis in Prediabetes Independent of Changes in Cardiovascular Risk Factors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 393-399.	2.4	97
20	Control of Postprandial Plasma Glucose by an Oral Insulin Product (HIM2) in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2003, 26, 421-426.	8.6	91
21	Insulin Resistance as a Proinflammatory State: Mechanisms, Mediators, and Therapeutic Interventions. <i>Current Drug Targets</i> , 2003, 4, 487-492.	2.1	86
22	Defects in Insulin Secretion and Action in the Pathogenesis of Type 2 Diabetes Mellitus. <i>Current Diabetes Reports</i> , 2010, 10, 184-191.	4.2	83
23	Prevention of Diabetes With Pioglitazone in ACT NOW. <i>Diabetes</i> , 2013, 62, 3920-3926.	0.6	83
24	Exenatide improves both hepatic and adipose tissue insulin resistance: A dynamic positron emission tomography study. <i>Hepatology</i> , 2016, 64, 2028-2037.	7.3	78
25	The Crosstalk Between Insulin and Renin-Angiotensin-Aldosterone Signaling Systems and its Effect on Glucose Metabolism and Diabetes Prevention. <i>Current Vascular Pharmacology</i> , 2008, 6, 301-312.	1.7	76
26	Pioglitazone improves glucose metabolism and modulates skeletal muscle TIMP-3/TACE dyad in type 2 diabetes mellitus: a randomised, double-blind, placebo-controlled, mechanistic study. <i>Diabetologia</i> , 2013, 56, 2153-2163.	6.3	71
27	Importance of Obtaining Independent Measures of Insulin Secretion and Insulin Sensitivity During the Same Test. <i>Diabetes Care</i> , 2003, 26, 1395-1401.	8.6	67
28	Chronic Reduction of Plasma Free Fatty Acid Improves Mitochondrial Function and Whole-Body Insulin Sensitivity in Obese and Type 2 Diabetic Individuals. <i>Diabetes</i> , 2014, 63, 2812-2820.	0.6	60
29	Proteomics Reveals Novel Oxidative and Glycolytic Mechanisms in Type 1 Diabetic Patients' Skin Which Are Normalized by Kidney-Pancreas Transplantation. <i>PLoS ONE</i> , 2010, 5, e9923.	2.5	60
30	Prediction of Diabetes Based on Baseline Metabolic Characteristics in Individuals at High Risk. <i>Diabetes Care</i> , 2013, 36, 3607-3612.	8.6	55
31	Effect of Short-Term Free Fatty Acids Elevation on Mitochondrial Function in Skeletal Muscle of Healthy Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 422-429.	3.6	46
32	Exenatide Regulates Cerebral Glucose Metabolism in Brain Areas Associated With Glucose Homeostasis and Reward System. <i>Diabetes</i> , 2015, 64, 3406-3412.	0.6	45
33	Hydrocortisone Suppresses Intranuclear Activator-Protein-1 (AP-1) Binding Activity in Mononuclear Cells and Plasma Matrix Metalloproteinase 2 and 9 (MMP-2 and MMP-9). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5988-5988.	3.6	41
34	Adding fast-acting insulin aspart to basal insulin significantly improved glycaemic control in patients with type 2 diabetes: a randomized, 18-week, open-label, phase 3 trial (onset 3). <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 1389-1396.	4.4	40
35	Transcriptomic Identification of ADH1B as a Novel Candidate Gene for Obesity and Insulin Resistance in Human Adipose Tissue in Mexican Americans from the Veterans Administration Genetic Epidemiology Study (VAGES). <i>PLoS ONE</i> , 2015, 10, e0119941.	2.5	35
36	The Disposition Index Does Not Reflect β -Cell Function in IGT Subjects Treated With Pioglitazone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 3774-3781.	3.6	34

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37	Diabetes Incidence and Glucose Tolerance after Termination of Pioglitazone Therapy: Results from ACT NOW. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2056-2062.	3.6	34
38	Coordinated Defects in Hepatic Long Chain Fatty Acid Metabolism and Triglyceride Accumulation Contribute to Insulin Resistance in Non-Human Primates. <i>PLoS ONE</i> , 2011, 6, e27617.	2.5	33
39	Effect of Dapagliflozin With and Without Acipimox on Insulin Sensitivity and Insulin Secretion in T2DM Males. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1249-1256.	3.6	30
40	Free Fatty acids (FFA) and endothelial dysfunction; role of increased oxidative stress and inflammation. <i>Diabetologia</i> , 2003, 46, 300-301.	6.3	26
41	Hypogonadotropic Hypogonadism in Erectile Dysfunction Associated with Type 2 Diabetes Mellitus: A Common Defect?. <i>Metabolic Syndrome and Related Disorders</i> , 2003, 1, 75-80.	1.3	26
42	Effect of Chronic Hyperglycemia on Glucose Metabolism in Subjects With Normal Glucose Tolerance. <i>Diabetes</i> , 2018, 67, 2507-2517.	0.6	26
43	A Novel Insulin Resistance Index to Monitor Changes in Insulin Sensitivity and Glucose Tolerance: the ACT NOW Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1855-1862.	3.6	24
44	Pioglitazone corrects dysregulation of skeletal muscle mitochondrial proteins involved in ATP synthesis in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2021, 114, 154416.	3.4	23
45	Free Fatty Acid-Induced Insulin Resistance in the Obese Is Not Prevented by Rosiglitazone Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5058-5063.	3.6	20
46	Mild Physiologic Hyperglycemia Induces Hepatic Insulin Resistance in Healthy Normal Glucose-Tolerant Participants. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2842-2850.	3.6	18
47	Impaired Suppression of Glucagon in Obese Subjects Parallels Decline in Insulin Sensitivity and Beta-Cell Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1398-1409.	3.6	16
48	Effect of Mild Physiologic Hyperglycemia on Insulin Secretion, Insulin Clearance, and Insulin Sensitivity in Healthy Glucose-Tolerant Subjects. <i>Diabetes</i> , 2021, 70, 204-213.	0.6	15
49	The potential role of the osteopontin-osteocalcin-osteoprotegerin triad in the pathogenesis of prediabetes in humans. <i>Acta Diabetologica</i> , 2018, 55, 139-148.	2.5	14
50	The Insulin-Sensitizer Pioglitazone Remodels Adipose Tissue Phospholipids in Humans. <i>Frontiers in Physiology</i> , 2021, 12, 784391.	2.8	13
51	Baseline Adiponectin Levels Do Not Influence the Response to Pioglitazone in ACT NOW. <i>Diabetes Care</i> , 2014, 37, 1706-1711.	8.6	11
52	Strong Association Between Insulin-Mediated Glucose Uptake and the 2-Hour, Not the Fasting Plasma Glucose Concentration, in the Normal Glucose Tolerance Range. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 3444-3449.	3.6	9
53	Islet amyloid polypeptide response to maximal hyperglycemia and arginine is altered in impaired glucose tolerance and type 2 diabetes mellitus. <i>Acta Diabetologica</i> , 2017, 54, 53-61.	2.5	7
54	Medical Therapy of Aortic Aneurysms: A Pathophysiology-Based Approach. <i>Current Vascular Pharmacology</i> , 2011, 9, 572-584.	1.7	4

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55	Effects of Sustained Hyperglycemia on Skeletal Muscle Lipids in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3177-e3185.	3.6	4
56	Mechanism of Action of Inhaled Insulin on Whole Body Glucose Metabolism in Subjects with Type 2 Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4230.	4.1	3
57	Serum Insulin and Lipid Profile in Normal Pregnant and Pregnancy-Induced Hypertensive Women from North India. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 1999, 39, 321-323.	1.0	2
58	Cardioprotective Effects of Pioglitazone in Type 2 Diabetes. <i>Diabetes Spectrum</i> , 2021, 34, 243-247.	1.0	1
59	Response to Letter to the Editor from Roy et al: "Impaired Suppression of Glucagon in Obese Subjects Parallels Decline in Insulin Sensitivity and Beta-Cell Function". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e1331-e1332.	3.6	0
60	SUN-044 Gonadotropin Releasing Hormone (GnRH) Agonist Therapy Induces a Sustained Reduction in Plasma Testosterone Levels and Is Well Tolerated in Transwomen Veterans. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.2	0