

# Mechanisms of Insulin Action and Insulin Resistance

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Treatment approach to type 2 diabetes: Past, present and future. World Journal of Diabetes, 2018, 9, 209-219.	3.5	56
2	Spindle Checkpoint Regulators in Insulin Signaling. Frontiers in Cell and Developmental Biology, 2018, 6, 161.	3.7	10
3	Insulin Resistance in Patients With Acromegaly. Frontiers in Endocrinology, 2019, 10, 509.	3.5	51
4	Obesity as the Main Risk Factor for Metabolic Syndrome in Children. Frontiers in Endocrinology, 2019, 10, 568.	3.5	66
5	Berberine Ameliorates Spatial Learning Memory Impairment and Modulates Cholinergic Anti-Inflammatory Pathway in Diabetic Rats. Frontiers in Pharmacology, 2019, 10, 1003.	3.5	31
6	Acute and sustained effects of a periodized carbohydrate intake using the sleepâ€low model in enduranceâ€trained males. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 1866-1880.	2.9	11
7	Bioenergetics and translational metabolism: implications for genetics, physiology and precision medicine. Biological Chemistry, 2019, 401, 3-29.	2.5	41
8	Metabolic and endocrinal effects of N-desmethyl-olanzapine in mice with obesity: Implication for olanzapine-associated metabolic changes. Psychoneuroendocrinology, 2019, 108, 163-171.	2.7	7
9	The endocrine function of adipose tissues in health and cardiometabolic disease. Nature Reviews Endocrinology, 2019, 15, 507-524.	9.6	393
10	Alteration of Sphingolipids in Biofluids: Implications for Neurodegenerative Diseases. International Journal of Molecular Sciences, 2019, 20, 3564.	4.1	40
11	Anti-Diabetic Effect of a Shihunine-Rich Extract of Dendrobium loddigesii on 3T3-L1 Cells and db/db Mice by Up-Regulating AMPKâ€GLUT4â€PPARÎ±. Molecules, 2019, 24, 2673.	3.8	10
12	17Î²-Estradiol Regulates Glucose Metabolism and Insulin Secretion in Rat Islet Î² Cells Through GPER and Akt/mTOR/GLUT2 Pathway. Frontiers in Endocrinology, 2019, 10, 531.	3.5	37
13	Antidiabetic Effects of Hydroxytyrosol: In Vitro and In Vivo Evidence. Antioxidants, 2019, 8, 188.	5.1	30
14	Excess membrane cholesterol is an early contributing reversible aspect of skeletal muscle insulin resistance in C57BL/6NJ mice fed a Western-style high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E362-E373.	3.5	14
15	Glucose metabolism: Normal physiology, diabetic dysregulation, and therapeutic targets. , 2019, , 13-39.		0
16	The emergence of protein arginine methyltransferases in skeletal muscle and metabolic disease. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E1070-E1080.	3.5	24
17	Deregulated Lysophosphatidic Acid Metabolism and Signaling in Liver Cancer. Cancers, 2019, 11, 1626.	3.7	41
18	Isoimperatorin enhances 3T3â€L1 preadipocyte differentiation by regulating PPARÎ³ and C/EBPÎ± through the Akt signaling pathway. Experimental and Therapeutic Medicine, 2019, 18, 2160-2166.	1.8	12

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19	Low Serum Vitamin D Concentrations Are Associated with Insulin Resistance in Mexican Children and Adolescents. <i>Nutrients</i> , 2019, 11, 2109.	4.1	17
20	Regulation of Hepatic Metabolism, Recent Advances, and Future Perspectives. <i>Current Diabetes Reports</i> , 2019, 19, 98.	4.2	7
21	Dietary Fatty Acid Saturation Modulates Sphingosine-1-Phosphate-Mediated Vascular Function. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-11.	2.3	4
22	Understanding glycaemic control and current approaches for screening antidiabetic natural products from evidence-based medicinal plants. <i>Plant Methods</i> , 2019, 15, 105.	4.3	89
23	Network medicine-travelling with the insulin receptor: Encounter of the second type. <i>EClinicalMedicine</i> , 2019, 13, 14-20.	7.1	1
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52	Hepatic insulin sensitivity is improved in high-fat diet-fed <i>Park2</i> knockout mice in association with increased hepatic AMPK activation and reduced steatosis. <i>Physiological Reports</i> , 2019, 7, e14281.	1.7	9
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148	2,3,5,6-Tetramethylpyrazine improves diet-induced whole-body insulin resistance via suppressing white adipose tissue lipolysis in mice. Biochemical and Biophysical Research Communications, 2020, 532, 605-612.	2.1	7
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