Tomas Jelenik

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3382512/publications.pdf

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24 papers	2,129 citations	471509 17 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	4037 citing authors

#	Article	IF	Citations
1	Dietary lipid droplet structure in postnatal life improves hepatic energy and lipid metabolism in a mouse model for postnatal programming. Pharmacological Research, 2022, 179, 106193.	7.1	3
2	Exposure to Type 2 Diabetes Provokes Mitochondrial Impairment in Apparently Healthy Human Hearts. Diabetes Care, 2021, 44, e82-e84.	8.6	5
3	Human myocardial mitochondrial oxidative capacity is impaired in mild acute heart transplant rejection. ESC Heart Failure, 2021, , .	3.1	4
4	Metabolic responsiveness to training depends on insulin sensitivity and protein content of exosomes in insulin-resistant males. Science Advances, 2021, 7, eabi9551.	10.3	24
5	DPP4 deletion in adipose tissue improves hepatic insulin sensitivity in diet-induced obesity. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E590-E599.	3.5	25
6	Bax inhibitor-1 deficiency leads to obesity by increasing Ca2+-dependent insulin secretion. Journal of Molecular Medicine, 2020, 98, 849-862.	3.9	6
7	Cardiometabolic risk factor clustering in patients with deficient branchedâ€chain amino acid catabolism: A caseâ€control study. Journal of Inherited Metabolic Disease, 2020, 43, 981-993.	3.6	5
8	Short-term dietary reduction of branched-chain amino acids reduces meal-induced insulin secretion and modifies microbiome composition in type 2 diabetes: a randomized controlled crossover trial. American Journal of Clinical Nutrition, 2019, 110, 1098-1107.	4.7	119
9	Dynamic changes of muscle insulin sensitivity after metabolic surgery. Nature Communications, 2019, 10, 4179.	12.8	47
10	A New Targeted Lipidomics Approach Reveals Lipid Droplets in Liver, Muscle and Heart as a Repository for Diacylglycerol and Ceramide Species in Non-Alcoholic Fatty Liver. Cells, 2019, 8, 277.	4.1	38
11	High-resolution respirometry in human endomyocardial biopsies shows reduced ventricular oxidative capacity related to heart failure. Experimental and Molecular Medicine, 2019, 51, 1-10.	7.7	10
12	Specific Hepatic Sphingolipids Relate to Insulin Resistance, Oxidative Stress, and Inflammation in Nonalcoholic Steatohepatitis. Diabetes Care, 2018, 41, 1235-1243.	8.6	203
13	Exercise training reduces intrahepatic lipid content in people with and people without nonalcoholic fatty liver. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E165-E173.	3.5	46
14	Insulin Resistance and Vulnerability to Cardiac Ischemia. Diabetes, 2018, 67, 2695-2702.	0.6	31
15	FGF21 regulates insulin sensitivity following long-term chronic stress. Molecular Metabolism, 2018, 16, 126-138.	6.5	17
16	Interorgan Metabolic Crosstalk in Human Insulin Resistance. Physiological Reviews, 2018, 98, 1371-1415.	28.8	138
17	Mechanisms of Insulin Resistance in Primary and Secondary Nonalcoholic Fatty Liver. Diabetes, 2017, 66, 2241-2253.	0.6	124
18	Lipid-mediated muscle insulin resistance: different fat, different pathways?. Journal of Molecular Medicine, 2015, 93, 831-843.	3.9	57

#	Article	IF	Citations
19	Adaptation of Hepatic Mitochondrial Function in Humans with Non-Alcoholic Fatty Liver Is Lost in Steatohepatitis. Cell Metabolism, 2015, 21, 739-746.	16.2	706
20	Time course of postprandial hepatic phosphorus metabolites in lean, obese, and type 2 diabetes patients. American Journal of Clinical Nutrition, 2015, 102, 1051-1058.	4.7	30
21	Role of diacylglycerol activation of PKCÎ¸ in lipid-induced muscle insulin resistance in humans. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9597-9602.	7.1	326
22	Reduction of non-esterified fatty acids improves insulin sensitivity and lowers oxidative stress, but fails to restore oxidative capacity in type 2 diabetes: a randomised clinical trial. Diabetologia, 2014, 57, 572-581.	6.3	51
23	Tissue-Specific Differences in the Development of Insulin Resistance in a Mouse Model for Type 1 Diabetes. Diabetes, 2014, 63, 3856-3867.	0.6	51
24	Mitochondrial Plasticity in Obesity and Diabetes Mellitus. Antioxidants and Redox Signaling, 2013, 19, 258-268.	5.4	63