FranÃ§ois R Jornayvaz

List of Publications by Year
in descending order

74 papers	5,658 citations	109137 35 h-index	79541 73 g-index
103 all docs	103 docs citations	103 times ranked	10630 citing authors

#	Article	IF	Citations
1	Growth differentiation factor-15 prevents glucotoxicity and connexin-36 downregulation in pancreatic beta-cells. Molecular and Cellular Endocrinology, 2022, 541, 111503.	1.6	9
2	NADPH Oxidases Connecting Fatty Liver Disease, Insulin Resistance and Type 2 Diabetes: Current Knowledge and Therapeutic Outlook. Antioxidants, 2022, 11, 1131.	2.2	20
3	Sex-specific modulation of circulating growth differentiation factor-15 in patients with type 2 diabetes and/or obesity. Endocrine Connections, 2022, 11, .	0.8	2
4	Hepatic non-parenchymal S100A9-TLR4-mTORC1 axis normalizes diabetic ketogenesis. Nature Communications, 2022, 13, .	5.8	6
5	Three Weeks Versus Six Weeks of Antibiotic Therapy for Diabetic Foot Osteomyelitis: A Prospective, Randomized, Noninferiority Pilot Trial. Clinical Infectious Diseases, 2021, 73, e1539-e1545.	2.9	45
6	The GLP-1R agonist liraglutide limits hepatic lipotoxicity and inflammatory response in mice fed a methionine-choline deficient diet. Translational Research, 2021, 227, 75-88.	2.2	61
7	Is routine measurement of the serum <scp>Câ€reactive</scp> protein level helpful during antibiotic therapy for diabetic foot infection?. Diabetes, Obesity and Metabolism, 2021, 23, 637-641.	2.2	10
8	Ether lipids, sphingolipids and toxic 1â€deoxyceramides as hallmarks for lean and obese type 2 diabetic patients. Acta Physiologica, 2021, 232, e13610.	1.8	29
9	Pathophysiology of NASH in endocrine diseases. Endocrine Connections, 2021, 10, R52-R65.	0.8	43
10	Hypothyroidism-Associated Dyslipidemia: Potential Molecular Mechanisms Leading to NAFLD. International Journal of Molecular Sciences, 2021, 22, 12797.	1.8	28
11	Effectiveness and safety of insulin glargine 300â€‰U/mL in insulinâ€naÃ¯ve patients with type 2 diabetes after failure of oral therapy in a realâ€world setting. Diabetes, Obesity and Metabolism, 2020, 22, 759-766.	2.2	10
12	Extremely high-dose insulin requirement in a diabetic patient with COVID-19: a case report. BMC Endocrine Disorders, 2020, 20, 155.	0.9	13
13	Real-World Effectiveness of Insulin Glargine 300 Initiation in Switzerland . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 2359-2365.	1.1	3
14	Thirteen-year trends in the prevalence of diabetes according to socioeconomic condition and cardiovascular risk factors in a Swiss population. BMJ Open Diabetes Research and Care, 2020, 8, e001273.	1.2	8
15	MON-235 Mycobacterium Fortuitum Infection Mimicking Sellar Chondrosarcoma in a Non-Immunosuppressed Patient: An Unusual Cause of Hypopituitarism and Oculomotor Nerve Palsy. Journal of the Endocrine Society, 2020, 4, .	0.1	0
16	Multi-technique comparison of atherogenic and MCD NASH models highlights changes in sphingolipid metabolism. Scientific Reports, 2019, 9, 16810.	1.6	34
17	Consequences of the Adoption of the IADPSG versus Carpenter and Coustan Criteria to Diagnose Gestational Diabetes: A Before-After Comparison. Experimental and Clinical Endocrinology and Diabetes, 2019, 127, 473-476.	0.6	3
18	Nonalcoholic fatty liver disease burden â€“ Switzerland 2018â€“2030. Swiss Medical Weekly, 2019, 149, w20152.	0.8	12

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19	Salivary cortisol is not associated with incident insulin resistance or type 2 diabetes mellitus. Endocrine Connections, 2019, 8, 870-877.	0.8	4
20	Fibroblast Growth Factor 15/19: From Basic Functions to Therapeutic Perspectives. Endocrine Reviews, 2018, 39, 960-989.	8.9	67
21	An Overview on Diabetic Foot Infections, including Issues Related to Associated Pain, Hyperglycemia and Limb Ischemia. Current Pharmaceutical Design, 2018, 24, 1243-1254.	0.9	18
22	Use of Dipeptidyl-Peptidase IV Inhibitors and Bullous Pemphigoid. Dermatology, 2017, 233, 401-403.	0.9	30
23	AMPK activation caused by reduced liver lactate metabolism protects against hepatic steatosis in MCT1 haploinsufficient mice. Molecular Metabolism, 2017, 6, 1625-1633.	3.0	25
24	Grip strength is not associated with incident type 2 diabetes mellitus in healthy adults: The CoLaus study. Diabetes Research and Clinical Practice, 2017, 132, 144-148.	1.1	27
25	GPR40 mediates potential positive effects of a saturated fatty acid enriched diet on bone. Molecular Nutrition and Food Research, 2017, 61, 1600219.	1.5	9
26	Effects of Ketogenic Diets on Cardiovascular Risk Factors: Evidence from Animal and Human Studies. Nutrients, 2017, 9, 517.	1.7	146
27	Effects of Antidiabetic Drugs on Gut Microbiota Composition. Genes, 2017, 8, 250.	1.0	104
28	Translational Aspects of Diet and Non-Alcoholic Fatty Liver Disease. Nutrients, 2017, 9, 1077.	1.7	12
29	Î²-Klotho deficiency protects against obesity through a crosstalk between liver, microbiota, and brown adipose tissue. JCI Insight, 2017, 2, .	2.3	41
30	Treatment challenges in type 1 diabetes after roux-en-Y gastric bypass. Swiss Medical Weekly, 2017, 147, w14420.	0.8	0
31	Low birth weight leads to obesity, diabetes and increased leptin levels in adults: the CoLaus study. Cardiovascular Diabetology, 2016, 15, 73.	2.7	190
32	Leptin as a Potential Regulator of FGF21. Cellular Physiology and Biochemistry, 2016, 38, 1218-1225.	1.1	32
33	Secondâ€generation antisense oligonucleotides against Î²â€catenin protect mice against dietâ€induced hepatic steatosis and hepatic and peripheral insulin resistance. FASEB Journal, 2016, 30, 1207-1217.	0.2	20
34	Diabetes Mellitus Is Associated With Reduced High-Density Lipoprotein Sphingosine-1-Phosphate Content and Impaired High-Density Lipoprotein Cardiac Cell Protection. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 817-824.	1.1	61
35	Preserving of Postnatal Leptin Signaling in Obesity-Resistant Lou/C Rats following a Perinatal High-Fat Diet. PLoS ONE, 2016, 11, e0162517.	1.1	4
36	Free Fatty Acids Impair FGF21 Action in HepG2 Cells. Cellular Physiology and Biochemistry, 2015, 37, 1767-1778.	1.1	18

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37	Metabolic syndrome and nonalcoholic fatty liver disease: Is insulin resistance the link?. Molecular and Cellular Endocrinology, 2015, 418, 55-65.	1.6	244
38	Hepatic insulin resistance and increased hepatic glucose production in mice lacking Fgf21. Journal of Endocrinology, 2015, 226, 207-217.	1.2	41
39	Serum Vitamin D Concentrations Are Not Associated with Insulin Resistance in Swiss Adults. Journal of Nutrition, 2015, 145, 2117-2122.	1.3	22
40	ApoA5 knockdown improves whole-body insulin sensitivity in high-fat-fed mice by reducing ectopic lipid content. Journal of Lipid Research, 2015, 56, 526-536.	2.0	45
41	Ketogenic Diet Impairs FGF21 Signaling and Promotes Differential Inflammatory Responses in the Liver and White Adipose Tissue. PLoS ONE, 2015, 10, e0126364.	1.1	50
42	Endocrine causes of nonalcoholic fatty liver disease. World Journal of Gastroenterology, 2015, 21, 11053.	1.4	69
43	Capsule Commentary on Patrick et al., Trends in Insulin Initiation and Treatment Intensification among Patients with Type 2 Diabetes. Journal of General Internal Medicine, 2014, 29, 356-356.	1.3	0
44	Diets and nonalcoholic fatty liver disease: The good and the bad. Clinical Nutrition, 2014, 33, 186-190.	2.3	137
45	Muscle-specific activation of Ca2+/calmodulin-dependent protein kinase IV increases whole-body insulin action in mice. Diabetologia, 2014, 57, 1232-1241.	2.9	12
46	OstÎ±^{â˜/â˜}mice exhibit altered expression of intestinal lipid absorption genes, resistance to age-related weight gain, and modestly improved insulin sensitivity. American Journal of Physiology - Renal Physiology, 2014, 306, G425-G438.	1.6	14
47	Non-alcoholic fatty liver disease and insulin resistance: From bench to bedside. Diabetes and Metabolism, 2013, 39, 16-26.	1.4	93
48	Cellular Mechanism by Which Estradiol Protects Female Ovariectomized Mice From High-Fat Diet-Induced Hepatic and Muscle Insulin Resistance. Endocrinology, 2013, 154, 1021-1028.	1.4	154
49	Cellular Mechanisms by Which FGF21 Improves Insulin Sensitivity in Male Mice. Endocrinology, 2013, 154, 3099-3109.	1.4	184
50	Inflammation as a potential link between nonalcoholic fatty liver disease and insulin resistance. Journal of Endocrinology, 2013, 218, R25-R36.	1.2	243
51	Increased FGF21 plasma levels in humans with sepsis and SIRS. Endocrine Connections, 2013, 2, 146-153.	0.8	47
52	CGI-58 knockdown sequesters diacylglycerols in lipid droplets/ER-preventing diacylglycerol-mediated hepatic insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1869-1874.	3.3	137
53	Dissociation of Inositol-requiring Enzyme (IRE1Î±)-mediated c-Jun N-terminal Kinase Activation from Hepatic Insulin Resistance in Conditional X-box-binding Protein-1 (XBP1) Knock-out Mice. Journal of Biological Chemistry, 2012, 287, 2558-2567.	1.6	132
54	Weight and Mortality in Adults With Diabetes. JAMA - Journal of the American Medical Association, 2012, 308, 2080.	3.8	2

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55	Thyroid Hormone Receptor-Î± Gene Knockout Mice Are Protected from Diet-Induced Hepatic Insulin Resistance. Endocrinology, 2012, 153, 583-591.	1.4	66
56	Diacylglycerol Activation of Protein Kinase CÎµ and Hepatic Insulin Resistance. Cell Metabolism, 2012, 15, 574-584.	7.2	247
57	A Rare Cause of Hypertestosteronemia in a 68â€Yearâ€Old Patient: A Leydig Cell Tumor Due to a Somatic GNAS (Guanine Nucleotideâ€Binding Protein, Alphaâ€Stimulating Activity Polypeptide) Tj ETQq1 1 0.784314 rgBT /Overloc	2.4	10
58	Insulin resistance is associated with elevated serum pigment epitheliumâ€“derived factor (PEDF) levels in morbidly obese patients. Acta Diabetologica, 2012, 49, 161-169.	1.2	27
59	Development of insulin resistance in mice lacking PGC-1Î± in adipose tissues. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9635-9640.	3.3	248
60	Deletion of the Mammalian INDY Homolog Mimics Aspects of Dietary Restriction and Protects against Adiposity and Insulin Resistance in Mice. Cell Metabolism, 2011, 14, 184-195.	7.2	193
61	Apolipoprotein CIII overexpressing mice are predisposed to dietâ€induced hepatic steatosis and hepatic insulin resistance. Hepatology, 2011, 54, 1650-1660.	3.6	114
62	Pregnancy Does Not Accelerate Corticotroph Tumor Progression in Nelson's Syndrome. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E658-E662.	1.8	24
63	Diet, Lifestyle, and Long-Term Weight Gain. New England Journal of Medicine, 2011, 365, 1058-1059.	13.9	5
64	Fibroblast growth factor 21, ketogenic diets, and insulin resistance. American Journal of Clinical Nutrition, 2011, 94, 955-961.	2.2	4
65	SGLT2 Deletion Improves Glucose Homeostasis and Preserves Pancreatic Î²-Cell Function. Diabetes, 2011, 60, 890-898.	0.3	197
66	Hepatic insulin resistance in mice with hepatic overexpression of diacylglycerol acyltransferase 2. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5748-5752.	3.3	139
67	Influence of the Hepatic Eukaryotic Initiation Factor 2Î± (eIF2Î±) Endoplasmic Reticulum (ER) Stress Response Pathway on Insulin-mediated ER Stress and Hepatic and Peripheral Glucose Metabolism. Journal of Biological Chemistry, 2011, 286, 36163-36170.	1.6	65
68	A high-fat, ketogenic diet causes hepatic insulin resistance in mice, despite increasing energy expenditure and preventing weight gain. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E808-E815.	1.8	174
69	Regulation of mitochondrial biogenesis. Essays in Biochemistry, 2010, 47, 69-84.	2.1	789
70	Targeted Expression of Catalase to Mitochondria Prevents Age-Associated Reductions in Mitochondrial Function and Insulin Resistance. Cell Metabolism, 2010, 12, 668-674.	7.2	274
71	The Role of Muscle Insulin Resistance in the Pathogenesis of Atherogenic Dyslipidemia and Nonalcoholic Fatty Liver Disease Associated with the Metabolic Syndrome. Annual Review of Nutrition, 2010, 30, 273-290.	4.3	105
72	Assessment of Hepatic Glucose Metabolism by Indirect Calorimetry in Combination with a Non-Invasive Technique Using Naturally Enriched ¹³C Glucose in Healthy Children and Adolescents. Hormone Research in Paediatrics, 2004, 62, 142-148.	0.8	0

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73	Metabolism of oral glucose in children born small for gestational age: evidence for an impaired whole body glucose oxidation. Metabolism: Clinical and Experimental, 2004, 53, 847-851.	1.5	31
74	Agenesis of Human Pancreas due to Decreased Half-Life of Insulin Promoter Factor 1. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4398-4406.	1.8	158