

Daniel Konrad

List of Publications by Year in descending order

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101
papers

6,287
citations

76196

40
h-index

69108

77
g-index

106
all docs

106
docs citations

106
times ranked

9693
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-6 enhances insulin secretion by increasing glucagon-like peptide-1 secretion from L cells and alpha cells. <i>Nature Medicine</i> , 2011, 17, 1481-1489.	15.2	714
2	AWNT4 Mutation Associated with Müllerian-Duct Regression and Virilization in a 46,XX Woman. <i>New England Journal of Medicine</i> , 2004, 351, 792-798.	13.9	380
3	Postprandial macrophage-derived IL-1 β stimulates insulin, and both synergistically promote glucose disposal and inflammation. <i>Nature Immunology</i> , 2017, 18, 283-292.	7.0	286
4	Muscle-Specific Pten Deletion Protects against Insulin Resistance and Diabetes. <i>Molecular and Cellular Biology</i> , 2005, 25, 1135-1145.	1.1	211
5	Toll-like receptor 2-deficient mice are protected from insulin resistance and beta cell dysfunction induced by a high-fat diet. <i>Diabetologia</i> , 2010, 53, 1795-1806.	2.9	196
6	The Antihyperglycemic Drug α -Lipoic Acid Stimulates Glucose Uptake via Both GLUT4 Translocation and GLUT4 Activation. <i>Diabetes</i> , 2001, 50, 1464-1471.	0.3	185
7	Visceral fat and metabolic inflammation: the portal theory revisited. <i>Obesity Reviews</i> , 2012, 13, 30-39.	3.1	175
8	WNT4 deficiency is a clinical phenotype distinct from the classic Mayer-Rokitansky-Kuster-Hauser syndrome: A Case Report. <i>Human Reproduction</i> , 2007, 22, 224-229.	0.4	174
9	Ovaries and Female Phenotype in a Girl with 46,XY Karyotype and Mutations in the CBX2 Gene. <i>American Journal of Human Genetics</i> , 2009, 84, 658-663.	2.6	169
10	Identification and Functional Analysis of a New WNT4 Gene Mutation among 28 Adolescent Girls with Primary Amenorrhea and Müllerian Duct Abnormalities: A French Collaborative Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 895-900.	1.8	162
11	The Portal Theory Supported by Venous Drainage Selective Fat Transplantation. <i>Diabetes</i> , 2011, 60, 56-63.	0.3	151
12	Deletion of Fas in adipocytes relieves adipose tissue inflammation and hepatic manifestations of obesity in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 191-202.	3.9	146
13	Virus-Induced Interferon- β Causes Insulin Resistance in Skeletal Muscle and Derails Glycemic Control in Obesity. <i>Immunity</i> , 2018, 49, 164-177.e6.	6.6	131
14	Interleukin-33-Activated Islet-Resident Innate Lymphoid Cells Promote Insulin Secretion through Myeloid Cell Retinoic Acid Production. <i>Immunity</i> , 2017, 47, 928-942.e7.	6.6	123
15	Interleukin-1 β Regulates Fat-Liver Crosstalk in Obesity by Auto-Paracrine Modulation of Adipose Tissue Inflammation and Expandability. <i>PLoS ONE</i> , 2013, 8, e53626.	1.1	122
16	Indinavir uncovers different contributions of GLUT4 and GLUT1 towards glucose uptake in muscle and fat cells and tissues. <i>Diabetologia</i> , 2003, 46, 649-658.	2.9	111
17	Diiodothyropropionic Acid (DITPA) in the Treatment of MCT8 Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 4515-4523.	1.8	110
18	Troglitazone causes acute mitochondrial membrane depolarisation and an AMPK-mediated increase in glucose phosphorylation in muscle cells. <i>Diabetologia</i> , 2005, 48, 954-966.	2.9	109

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19	Effect of Hydrolyzed Infant Formula vs Conventional Formula on Risk of Type 1 Diabetes. JAMA - Journal of the American Medical Association, 2018, 319, 38.	3.8	105
20	The AMP-activated protein kinase activator AICAR does not induce GLUT4 translocation to transverse tubules but stimulates glucose uptake and p38 mitogen-activated protein kinases β 1 and β 2 in skeletal muscle. FASEB Journal, 2003, 17, 1658-1665.	0.2	104
21	Identification of a SIRT1 Mutation in a Family with Type 1 Diabetes. Cell Metabolism, 2013, 17, 448-455.	7.2	103
22	Regulation of Adipocyte Formation by GLP-1/GLP-1R Signaling. Journal of Biological Chemistry, 2012, 287, 6421-6430.	1.6	101
23	Interleukin- 1β May Mediate Insulin Resistance in Liver-Derived Cells in Response to Adipocyte Inflammation. Endocrinology, 2010, 151, 4247-4256.	1.4	97
24	Improved glucose tolerance in mice receiving intraperitoneal transplantation of normal fat tissue. Diabetologia, 2007, 50, 833-839.	2.9	95
25	Congenital hypogonadotropic hypogonadism and constitutional delay of growth and puberty have distinct genetic architectures. European Journal of Endocrinology, 2018, 178, 377-388.	1.9	95
26	High Leptin Levels Acutely Inhibit Insulin-Stimulated Glucose Uptake without Affecting Glucose Transporter 4 Translocation in L6 Rat Skeletal Muscle Cells. Endocrinology, 2001, 142, 4806-4812.	1.4	93
27	The Fas pathway is involved in pancreatic beta cell secretory function. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2861-2866.	3.3	83
28	Basal lipolysis, not the degree of insulin resistance, differentiates large from small isolated adipocytes in high-fat fed mice. Diabetologia, 2009, 52, 541-546.	2.9	80
29	Mesenteric Fat Lipolysis Mediates Obesity-Associated Hepatic Steatosis and Insulin Resistance. Diabetes, 2016, 65, 140-148.	0.3	77
30	Adipose tissue inflammation contributes to short-term high-fat diet-induced hepatic insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E388-E395.	1.8	66
31	The Gut-Adipose-Liver Axis in the Metabolic Syndrome. Physiology, 2014, 29, 304-313.	1.6	65
32	Short-term feeding of a ketogenic diet induces more severe hepatic insulin resistance than an obesogenic high-fat diet. Journal of Physiology, 2018, 596, 4597-4609.	1.3	64
33	Liver ASK1 protects from non-alcoholic fatty liver disease and fibrosis. EMBO Molecular Medicine, 2019, 11, e10124.	3.3	59
34	Long-term mortality after childhood growth hormone treatment: the SAGHe cohort study. Lancet Diabetes and Endocrinology, 2020, 8, 683-692.	5.5	57
35	Need for GLUT4 Activation to Reach Maximum Effect of Insulin-Mediated Glucose Uptake in Brown Adipocytes Isolated From GLUT4myc-Expressing Mice. Diabetes, 2002, 51, 2719-2726.	0.3	54
36	WNT4 and Sex Development. Sexual Development, 2008, 2, 210-218.	1.1	51

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37	Disease characteristics of MCT8 deficiency: an international, retrospective, multicentre cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 594-605.	5.5	50
38	Spontaneous Regression of Severe Acquired Infantile Hypothyroidism Associated With Multiple Liver Hemangiomas. <i>Pediatrics</i> , 2003, 112, 1424-1426.	1.0	49
39	The role of adipocyte-specific IL-6-type cytokine signaling in FFA and leptin release. <i>Adipocyte</i> , 2018, 7, 226-228.	1.3	47
40	Induction of Cytosolic Phospholipase A2 α Is Required for Adipose Neutrophil Infiltration and Hepatic Insulin Resistance Early in the Course of High-Fat Feeding. <i>Diabetes</i> , 2013, 62, 3053-3063.	0.3	46
41	The controversial role of IL-6 in adipose tissue on obesity-induced dysregulation of glucose metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E607-E613.	1.8	46
42	Interleukin-6 contributes to early fasting-induced free fatty acid mobilization in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R861-R867.	0.9	44
43	Fas and FasL Expression in Human Adipose Tissue Is Related to Obesity, Insulin Resistance, and Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E36-E44.	1.8	42
44	Uninephrectomy augments the effects of high fat diet induced obesity on gene expression in mouse kidney. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1870-1878.	1.8	40
45	Fas cell surface death receptor controls hepatic lipid metabolism by regulating mitochondrial function. <i>Nature Communications</i> , 2017, 8, 480.	5.8	40
46	IL-6 Type Cytokine Signaling in Adipocytes Induces Intestinal GLP-1 Secretion. <i>Diabetes</i> , 2018, 67, 36-45.	0.3	39
47	Antioxidants protect against diabetes by improving glucose homeostasis in mouse models of inducible insulin resistance and obesity. <i>Diabetologia</i> , 2019, 62, 2094-2105.	2.9	38
48	Early-Onset Complete Ovarian Failure and Lack of Puberty in a Woman With Mutated Estrogen Receptor β (ESR2). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3748-3756.	1.8	36
49	Fas (CD95) expression in myeloid cells promotes obesity-induced muscle insulin resistance. <i>EMBO Molecular Medicine</i> , 2014, 6, 43-56.	3.3	34
50	Inverse regulation of basal lipolysis in perigonadal and mesenteric fat depots in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E153-E160.	1.8	33
51	Utilization of the Insulin-Signaling Network in the Metabolic Actions of α -Lipoic Acid Reduction or Oxidation?. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 1032-1039.	2.5	31
52	Brain catecholamine depletion and motor impairment in a <i>Th</i> knock-in mouse with type B tyrosine hydroxylase deficiency. <i>Brain</i> , 2015, 138, 2948-2963.	3.7	31
53	ASK1 inhibits browning of white adipose tissue in obesity. <i>Nature Communications</i> , 2020, 11, 1642.	5.8	31
54	High Leptin Levels Acutely Inhibit Insulin-Stimulated Glucose Uptake without Affecting Glucose Transporter 4 Translocation in L6 Rat Skeletal Muscle Cells. , 0, .		31

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55	TaqIA polymorphism in dopamine D2 receptor gene complicates weight maintenance in younger obese patients. <i>Nutrition</i> , 2012, 28, 996-1001.	1.1	30
56	ASK1 (MAP3K5) is transcriptionally upregulated by E2F1 in adipose tissue in obesity, molecularly defining a human dys-metabolic obese phenotype. <i>Molecular Metabolism</i> , 2017, 6, 725-736.	3.0	30
57	Ten-Year Follow-Up in a Boy with Leydig Cell Tumor after Selective Surgery. <i>Hormone Research in Paediatrics</i> , 1999, 51, 96-100.	0.8	26
58	Fas activates lipolysis in a Ca ²⁺ -CaMKII-dependent manner in 3T3-L1 adipocytes. <i>Journal of Lipid Research</i> , 2013, 54, 63-70.	2.0	25
59	Central Diabetes insipidus as the First Manifestation of Neurosarcoidosis in a 10-Year-Old Girl. <i>Hormone Research in Paediatrics</i> , 2000, 54, 98-100.	0.8	24
60	Efficient Generation of Multipotent Mesenchymal Stem Cells from Umbilical Cord Blood in Stroma-Free Liquid Culture. <i>PLoS ONE</i> , 2010, 5, e15689.	1.1	23
61	Insulin-dependent diabetes mellitus induced by the antitussive agent dextromethorphan. <i>Diabetologia</i> , 2000, 43, 261-262.	2.9	22
62	Intermittent fasting improves metabolic flexibility in short-term high-fat diet-fed mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E773-E782.	1.8	16
63	Fas activation in adipocytes impairs insulin-stimulated glucose uptake by reducing Akt. <i>FEBS Letters</i> , 2010, 584, 4187-4192.	1.3	15
64	Depot-specific differences in adipocyte insulin sensitivity in mice are diet- and function-dependent. <i>Adipocyte</i> , 2012, 1, 153-156.	1.3	15
65	Obesity-Induced Increase in Cystatin C Alleviates Tissue Inflammation. <i>Diabetes</i> , 2020, 69, 1927-1935.	0.3	14
66	Improved glycemic control and lower frequency of severe hypoglycemia with insulin detemir; long-term experience in 105 children and adolescents with type 1 diabetes. <i>Pediatric Diabetes</i> , 2008, 9, 382-387.	1.2	13
67	Genotype-phenotype spectrum in isolated and syndromic nanophthalmos. <i>Acta Ophthalmologica</i> , 2021, 99, e594-e607.	0.6	13
68	Partial impairment of insulin receptor expression mimics fasting to prevent diet-induced fatty liver disease. <i>Nature Communications</i> , 2020, 11, 2080.	5.8	13
69	Targeting colonic macrophages improves glycemic control in high-fat diet-induced obesity. <i>Communications Biology</i> , 2022, 5, 370.	2.0	13
70	A short bout of HFD promotes long-lasting hepatic lipid accumulation. <i>Adipocyte</i> , 2016, 5, 88-92.	1.3	12
71	10-Day Hyperlipidemic Clamp in Cats: Effects on Insulin Sensitivity, Inflammation, and Glucose Metabolism-related Genes. <i>Hormone and Metabolic Research</i> , 2010, 42, 340-347.	0.7	11
72	Cushing syndrome after bilateral lensectomy. <i>European Journal of Pediatrics</i> , 2015, 174, 399-401.	1.3	11

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73	Iron metabolism in patients with Gravesâ€™ hyperthyroidism. <i>Clinical Endocrinology</i> , 2017, 87, 609-616.	1.2	11
74	Still too little, too late? Ten years of growth hormone therapy baseline data from the NordiNet [®] International Outcome Study. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018, 31, 521-532.	0.4	11
75	Adipocyte-specific gp130 signalling mediates exercise-induced weight reduction. <i>International Journal of Obesity</i> , 2020, 44, 707-714.	1.6	11
76	Opposing Effects of Reduced Kidney Mass on Liver and Skeletal Muscle Insulin Sensitivity in Obese Mice. <i>Diabetes</i> , 2015, 64, 1131-1141.	0.3	10
77	Mildly compromised tetrahydrobiopterin cofactor biosynthesis due to <i>Pts</i> variants leads to unusual body fat distribution and abdominal obesity in mice. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 309-319.	1.7	10
78	IL-6 Receptor Blockade Increases Circulating Adiponectin Levels in People with Obesity: An Explanatory Analysis. <i>Metabolites</i> , 2021, 11, 79.	1.3	10
79	Gonadectomy in conditions affecting sex development: a registry-based cohort study. <i>European Journal of Endocrinology</i> , 2021, 184, 791-801.	1.9	9
80	Response of interleukin-6 during euglycaemic and hyperglycaemic exercise in patients with type 1 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2010, 89, e27-e29.	1.1	8
81	Short-term HFD does not alter lipolytic function of adipocytes. <i>Adipocyte</i> , 2014, 3, 115-120.	1.3	8
82	A novel GATA6 variant in a boy with neonatal diabetes and diaphragmatic hernia: a familial case with a review of the literature. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2019, 32, 1027-1030.	0.4	6
83	Determining Reference Ranges for Total T4 in Dried Blood Samples for Newborn Screening. <i>International Journal of Neonatal Screening</i> , 2020, 6, 17.	1.2	5
84	Cardiac failure after initiation of insulin treatment in diabetic patients with β^2 -thalassemia major. <i>Journal of Pediatrics</i> , 2003, 143, 541-542.	0.9	4
85	Double variants in TSHR and DUOX2 in a patient with hypothyroidism: case report. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2019, 32, 1299-1303.	0.4	4
86	Surgical Practice in Girls with Congenital Adrenal Hyperplasia: An International Registry Study. <i>Sexual Development</i> , 2021, 15, 229-235.	1.1	4
87	Testosterone Therapy and Its Monitoring in Adolescent Boys with Hypogonadism: Results of an International Survey from the I-DSD Registry. <i>Sexual Development</i> , 2021, 15, 236-243.	1.1	4
88	Oncostatin M suppresses browning of white adipocytes via gp130-STAT3 signaling. <i>Molecular Metabolism</i> , 2021, 54, 101341.	3.0	4
89	Evidence on the effect of uncontrolled diabetes mellitus on orthodontic tooth movement. A systematic review with meta-analyses in pre-clinical in-vivo research. <i>Archives of Oral Biology</i> , 2020, 115, 104739.	0.8	4
90	Modeling of levothyroxine in newborns and infants with congenital hypothyroidism: challenges and opportunities of a rare disease multi-center study. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2021, 48, 711-723.	0.8	3

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91	Characteristics of Growth in Children With Classic Congenital Adrenal Hyperplasia due to 21-Hydroxylase Deficiency During Adrenarche and Beyond. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e487-e499.	1.8	3
92	Insulin-Mediated Regulation of Glucose Metabolism. , 2005, , 63-85.		2
93	Mediators of Interorgan Crosstalk in Metabolic Inflammation. <i>Mediators of Inflammation</i> , 2013, 2013, 1-3.	1.4	2
94	The Aldosterone/Renin Ratio as a Diagnostic Tool for the Diagnosis of Primary Hypoaldosteronism in Newborns and Infants. <i>Hormone Research in Paediatrics</i> , 2015, 84, 43-48.	0.8	2
95	A novel DAX-1 (NROB1) mutation in a boy with X-linked adrenal hypoplasia congenita. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 1321-1325.	0.4	2
96	Two Siblings with the Same Severe Form of 21-Hydroxylase Deficiency But Different Growth and Menstrual Cycle Patterns. <i>Frontiers in Pediatrics</i> , 2017, 5, 35.	0.9	2
97	Oncostatin M promotes lipolysis in white adipocytes. <i>Adipocyte</i> , 2022, 11, 315-324.	1.3	2
98	Perceived Family Stress Predicts Poor Metabolic Control in Pediatric Patients with Type 1 Diabetes: A Novel Triadic Approach. <i>Journal of Diabetes Research</i> , 2022, 2022, 1-8.	1.0	2
99	Transient severe non-proliferative retinopathy in an adolescent with type 1 diabetes and chronic myeloid leukemia. <i>Pediatric Diabetes</i> , 2012, 14, n/a-n/a.	1.2	1
100	Future glycemic control of children diagnosed with type 1 diabetes mellitus at toddler and preschool/school age. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2019, 32, 929-933.	0.4	1
101	Depletion of ASK1 blunts stress-induced senescence in adipocytes. <i>Adipocyte</i> , 2020, 9, 535-541.	1.3	0