

F Thomas Wunderlich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6802174/publications.pdf>

Version: 2024-02-01

46
papers

5,094
citations

109321

35
h-index

214800

47
g-index

47
all docs

47
docs citations

47
times ranked

9741
citing authors

#	ARTICLE	IF	CITATIONS
1	Signaling by IL-6 promotes alternative activation of macrophages to limit endotoxemia and obesity-associated resistance to insulin. <i>Nature Immunology</i> , 2014, 15, 423-430.	14.5	577
2	Obesity-induced overexpression of miRNA-143 inhibits insulin-stimulated AKT activation and impairs glucose metabolism. <i>Nature Cell Biology</i> , 2011, 13, 434-446.	10.3	472
3	NK cells link obesity-induced adipose stress to inflammation and insulin resistance. <i>Nature Immunology</i> , 2015, 16, 376-385.	14.5	407
4	Central insulin action regulates peripheral glucose and fat metabolism in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 2132-47.	8.2	223
5	AgRP Neurons Control Systemic Insulin Sensitivity via Myostatin Expression in Brown Adipose Tissue. <i>Cell</i> , 2016, 165, 125-138.	28.9	222
6	Interleukin-6 Signaling in Liver-Parenchymal Cells Suppresses Hepatic Inflammation and Improves Systemic Insulin Action. <i>Cell Metabolism</i> , 2010, 12, 237-249.	16.2	192
7	IL-6 Improves Energy and Glucose Homeostasis in Obesity via Enhanced Central IL-6 trans-Signaling. <i>Cell Reports</i> , 2017, 19, 267-280.	6.4	175
8	Obesity-Induced TNF α and IL-6 Signaling: The Missing Link between Obesity and Inflammation-Driven Liver and Colorectal Cancers. <i>Cancers</i> , 2019, 11, 24.	3.7	169
9	Macrophage function in obesity-induced inflammation and insulin resistance. <i>Pflügers Archiv European Journal of Physiology</i> , 2017, 469, 385-396.	2.8	160
10	Enhanced Stat3 Activation in POMC Neurons Provokes Negative Feedback Inhibition of Leptin and Insulin Signaling in Obesity. <i>Journal of Neuroscience</i> , 2009, 29, 11582-11593.	3.6	153
11	Hypothalamic and pituitary c-Jun N-terminal kinase 1 signaling coordinately regulates glucose metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6028-6033.	7.1	143
12	PDK1 Deficiency in POMC-Expressing Cells Reveals FOXO1-Dependent and -Independent Pathways in Control of Energy Homeostasis and Stress Response. <i>Cell Metabolism</i> , 2008, 7, 291-301.	16.2	141
13	T cell-intrinsic role of IL-6 signaling in primary and memory responses. <i>ELife</i> , 2014, 3, e01949.	6.0	135
14	IL-6 trans-signaling is essential for the development of hepatocellular carcinoma in mice. <i>Hepatology</i> , 2017, 65, 89-103.	7.3	125
15	Mechanisms of chronic JAK-STAT3-SOCS3 signaling in obesity. <i>Jak-stat</i> , 2013, 2, e23878.	2.2	116
16	Obesity exacerbates colitis-associated cancer via IL-6-regulated macrophage polarisation and CCL-20/CCR-6-mediated lymphocyte recruitment. <i>Nature Communications</i> , 2018, 9, 1646.	12.8	108
17	IL-6/Stat3-Dependent Induction of a Distinct, Obesity-Associated NK Cell Subpopulation Deteriorates Energy and Glucose Homeostasis. <i>Cell Metabolism</i> , 2017, 26, 171-184.e6.	16.2	104
18	Hepatic NF- κ B essential modulator deficiency prevents obesity-induced insulin resistance but synergizes with high-fat feeding in tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1297-1302.	7.1	101

#	ARTICLE	IF	CITATIONS
19	Signaling through the Adaptor Molecule MyD88 in CD4+ T Cells Is Required to Overcome Suppression by Regulatory T Cells. <i>Immunity</i> , 2014, 40, 78-90.	14.3	100
20	B-cell-specific conditional expression of Myd88p.L252P leads to the development of diffuse large B-cell lymphoma in mice. <i>Blood</i> , 2016, 127, 2732-2741.	1.4	99
21	IL-6 Regulates Neutrophil Microabscess Formation in IL-17A-Driven Psoriasiform Lesions. <i>Journal of Investigative Dermatology</i> , 2014, 134, 728-735.	0.7	95
22	Contraction-induced Interleukin-6 Gene Transcription in Skeletal Muscle Is Regulated by c-Jun Terminal Kinase/Activator Protein-1. <i>Journal of Biological Chemistry</i> , 2012, 287, 10771-10779.	3.4	87
23	Distinct Roles for JNK and IKK Activation in Agouti-Related Peptide Neurons in the Development of Obesity and Insulin Resistance. <i>Cell Reports</i> , 2014, 9, 1495-1506.	6.4	87
24	Gut-brain communication by distinct sensory neurons differently controls feeding and glucose metabolism. <i>Cell Metabolism</i> , 2021, 33, 1466-1482.e7.	16.2	79
25	Mosaic Deficiency in Mitochondrial Oxidative Metabolism Promotes Cardiac Arrhythmia during Aging. <i>Cell Metabolism</i> , 2015, 21, 667-677.	16.2	73
26	LYN Kinase in the Tumor Microenvironment Is Essential for the Progression of Chronic Lymphocytic Leukemia. <i>Cancer Cell</i> , 2016, 30, 610-622.	16.8	64
27	PNOARC Neurons Promote Hyperphagia and Obesity upon High-Fat-Diet Feeding. <i>Neuron</i> , 2020, 106, 1009-1025.e10.	8.1	64
28	New variants of inducible Cre recombinase: a novel mutant of Cre-PR fusion protein exhibits enhanced sensitivity and an expanded range of inducibility. <i>Nucleic Acids Research</i> , 2001, 29, 47e-47.	14.5	62
29	Insulin receptor signaling mediates APP processing and β -amyloid accumulation without altering survival in a transgenic mouse model of Alzheimer's disease. <i>Age</i> , 2013, 35, 83-101.	3.0	60
30	Temporal and tissue-specific requirements for T-lymphocyte IL-6 signalling in obesity-associated inflammation and insulin resistance. <i>Nature Communications</i> , 2017, 8, 14803.	12.8	55
31	Active Akt signaling triggers CLL toward Richter transformation via overactivation of Notch1. <i>Blood</i> , 2021, 137, 646-660.	1.4	55
32	Efficient genome engineering by targeted homologous recombination in mouse embryos using transcription activator-like effector nucleases. <i>Nature Communications</i> , 2014, 5, 3045.	12.8	39
33	Two mouse models reveal an actionable PARP1 dependence in aggressive chronic lymphocytic leukemia. <i>Nature Communications</i> , 2017, 8, 153.	12.8	39
34	Cutting Edge: Inhibition of IL-6 Trans-Signaling Protects from Malaria-Induced Lethality in Mice. <i>Journal of Immunology</i> , 2012, 188, 4141-4144.	0.8	38
35	Modeling autosomal recessive cutis laxa type 1C (ARCL1C) in mice reveals distinct functions of Ltbp-4 isoforms. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 403-15.	2.4	38
36	Hepatic FTO is dispensable for the regulation of metabolism but counteracts HCC development in vivo. <i>Molecular Metabolism</i> , 2020, 42, 101085.	6.5	37

#	ARTICLE	IF	CITATIONS
37	Insulin signalling in tanycytes gates hypothalamic insulin uptake and regulation of AgRP neuron activity. <i>Nature Metabolism</i> , 2021, 3, 1662-1679.	11.9	32
38	Obesity Promotes Liver Carcinogenesis via Mcl-1 Stabilization Independent of IL-6R \pm Signaling. <i>Cell Reports</i> , 2013, 4, 669-680.	6.4	30
39	Alteration of JNK-1 Signaling in Skeletal Muscle Fails to Affect Glucose Homeostasis and Obesity-Associated Insulin Resistance in Mice. <i>PLoS ONE</i> , 2013, 8, e54247.	2.5	30
40	Targeted deletion of the AAA-ATPase Ruvbl1 in mice disrupts ciliary integrity and causes renal disease and hydrocephalus. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-17.	7.7	22
41	Intestinal insulin/IGF1 signalling through FoxO1 regulates epithelial integrity and susceptibility to colon cancer. <i>Nature Metabolism</i> , 2019, 1, 371-389.	11.9	22
42	Orexin receptors 1 and 2 in serotonergic neurons differentially regulate peripheral glucose metabolism in obesity. <i>Nature Communications</i> , 2021, 12, 5249.	12.8	17
43	Hepatic leptin receptor expression can partially compensate for IL-6R \pm deficiency in A DEN-induced hepatocellular carcinoma. <i>Molecular Metabolism</i> , 2018, 17, 122-133.	6.5	14
44	ATM activity in T cells is critical for immune surveillance of lymphoma in vivo. <i>Leukemia</i> , 2020, 34, 771-786.	7.2	13
45	Ablation of TrkB signalling in CCK neurons results in hypercortisolism and obesity. <i>Nature Communications</i> , 2014, 5, 3427.	12.8	11
46	Endogenous CD83 Expression in CD4+ Conventional T Cells Controls Inflammatory Immune Responses. <i>Journal of Immunology</i> , 2020, 204, 3217-3226.	0.8	8