F Thomas Wunderlich

List of Publications by Year
in descending order

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	Active Akt signaling triggers CLL toward Richter transformation via overactivation of Notch1. Blood, 2021, 137, 646-660.	1.4	55
2	Gut-brain communication by distinct sensory neurons differently controls feeding and glucose metabolism. Cell Metabolism, 2021, 33, 1466-1482.e7.	16.2	79
3	Orexin receptors 1 and 2 in serotonergic neurons differentially regulate peripheral glucose metabolism in obesity. Nature Communications, 2021, 12, 5249.	12.8	17
4	Insulin signalling in tanycytes gates hypothalamic insulin uptake and regulation of AgRP neuron activity. Nature Metabolism, 2021, 3, 1662-1679.	11.9	32
5	ATM activity in T cells is critical for immune surveillance of lymphoma in vivo. Leukemia, 2020, 34, 771-786.	7.2	13
6	Hepatic FTO is dispensable for the regulation of metabolism but counteracts HCC development inÂvivo. Molecular Metabolism, 2020, 42, 101085.	6.5	37
7	Endogenous CD83 Expression in CD4+ Conventional T Cells Controls Inflammatory Immune Responses. Journal of Immunology, 2020, 204, 3217-3226.	0.8	8
8	PNOCARC Neurons Promote Hyperphagia and Obesity upon High-Fat-Diet Feeding. Neuron, 2020, 106, 1009-1025.e10.	8.1	64
9	Intestinal insulin/IGF1 signalling through FoxO1 regulates epithelial integrity and susceptibility to colon cancer. Nature Metabolism, 2019, 1, 371-389.	11.9	22
10	Obesity-Induced TNFÎ± and IL-6 Signaling: The Missing Link between Obesity and Inflammationâ€”Driven Liver and Colorectal Cancers. Cancers, 2019, 11, 24.	3.7	169
11	Obesity exacerbates colitis-associated cancer via IL-6-regulated macrophage polarisation and CCL-20/CCR-6-mediated lymphocyte recruitment. Nature Communications, 2018, 9, 1646.	12.8	108
12	Hepatic leptin receptor expression can partiallyÂcompensate for IL-6RÎ± deficiency inÂDEN-induced hepatocellular carcinoma. Molecular Metabolism, 2018, 17, 122-133.	6.5	14
13	Targeted deletion of the AAA-ATPase Ruvbl1 in mice disrupts ciliary integrity and causes renal disease and hydrocephalus. Experimental and Molecular Medicine, 2018, 50, 1-17.	7.7	22
14	Macrophage function in obesity-induced inflammation and insulin resistance. Pflugers Archiv European Journal of Physiology, 2017, 469, 385-396.	2.8	160
15	IL-6 Improves Energy and Glucose Homeostasis in Obesity via Enhanced Central IL-6 trans-Signaling. Cell Reports, 2017, 19, 267-280.	6.4	175
16	Temporal and tissue-specific requirements for T-lymphocyte IL-6 signalling in obesity-associated inflammation and insulin resistance. Nature Communications, 2017, 8, 14803.	12.8	55
17	Two mouse models reveal an actionable PARP1 dependence in aggressive chronic lymphocytic leukemia. Nature Communications, 2017, 8, 153.	12.8	39
18	IL-6/Stat3-Dependent Induction of a Distinct, Obesity-Associated NK Cell Subpopulation Deteriorates Energy and Glucose Homeostasis. Cell Metabolism, 2017, 26, 171-184.e6.	16.2	104

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19	ILâ€6 transâ€signaling is essential for the development of hepatocellular carcinoma in mice. Hepatology, 2017, 65, 89-103.	7.3	125
20	B-cellâ€“specific conditional expression of Myd88p.L252P leads to the development of diffuse large B-cell lymphoma in mice. Blood, 2016, 127, 2732-2741.	1.4	99
21	LYN Kinase in the Tumor Microenvironment Is Essential for the Progression of Chronic Lymphocytic Leukemia. Cancer Cell, 2016, 30, 610-622.	16.8	64
22	AgRP Neurons Control Systemic Insulin Sensitivity via Myostatin Expression in Brown Adipose Tissue. Cell, 2016, 165, 125-138.	28.9	222
23	Mosaic Deficiency in Mitochondrial Oxidative Metabolism Promotes Cardiac Arrhythmia during Aging. Cell Metabolism, 2015, 21, 667-677.	16.2	73
24	NK cells link obesity-induced adipose stress to inflammation and insulin resistance. Nature Immunology, 2015, 16, 376-385.	14.5	407
25	Modeling autosomal recessive cutis laxa type 1C (ARCL1C) in mice reveals distinct functions of Ltbp-4 isoforms. DMM Disease Models and Mechanisms, 2015, 8, 403-15.	2.4	38
26	T cell-intrinsic role of IL-6 signaling in primary and memory responses. ELife, 2014, 3, e01949.	6.0	135
27	IL-6 Regulates Neutrophil Microabscess Formation in IL-17A-Driven Psoriasiform Lesions. Journal of Investigative Dermatology, 2014, 134, 728-735.	0.7	95
28	Distinct Roles for JNK and IKK Activation in Agouti-Related Peptide Neurons in the Development of Obesity and Insulin Resistance. Cell Reports, 2014, 9, 1495-1506.	6.4	87
29	Ablation of TrkB signalling in CCK neurons results in hypercortisolism and obesity. Nature Communications, 2014, 5, 3427.	12.8	11
30	Signaling by IL-6 promotes alternative activation of macrophages to limit endotoxemia and obesity-associated resistance to insulin. Nature Immunology, 2014, 15, 423-430.	14.5	577
31	Efficient genome engineering by targeted homologous recombination in mouse embryos using transcription activator-like effector nucleases. Nature Communications, 2014, 5, 3045.	12.8	39
32	Signaling through the Adaptor Molecule MyD88 in CD4+ T Cells Is Required to Overcome Suppression by Regulatory T Cells. Immunity, 2014, 40, 78-90.	14.3	100
33	Obesity Promotes Liver Carcinogenesis via Mcl-1 Stabilization Independent of IL-6RÎ± Signaling. Cell Reports, 2013, 4, 669-680.	6.4	30
34	Insulin receptor signaling mediates APP processing and Î²-amyloid accumulation without altering survival in a transgenic mouse model of Alzheimerâ€™s disease. Age, 2013, 35, 83-101.	3.0	60
35	Mechanisms of chronic JAK-STAT3-SOCS3 signaling in obesity. Jak-stat, 2013, 2, e23878.	2.2	116
36	Alteration of JNK-1 Signaling in Skeletal Muscle Fails to Affect Glucose Homeostasis and Obesity-Associated Insulin Resistance in Mice. PLoS ONE, 2013, 8, e54247.	2.5	30

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37	Contraction-induced Interleukin-6 Gene Transcription in Skeletal Muscle Is Regulated by c-Jun Terminal Kinase/Activator Protein-1. Journal of Biological Chemistry, 2012, 287, 10771-10779.	3.4	87
38	Cutting Edge: Inhibition of IL-6Trans-Signaling Protects from Malaria-Induced Lethality in Mice. Journal of Immunology, 2012, 188, 4141-4144.	0.8	38
39	Obesity-induced overexpression of miRNA-143 inhibits insulin-stimulated AKT activation and impairs glucoseÂmetabolism. Nature Cell Biology, 2011, 13, 434-446.	10.3	472
40	Hypothalamic and pituitary c-Jun N-terminal kinase 1 signaling coordinately regulates glucose metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6028-6033.	7.1	143
41	Interleukin-6 Signaling in Liver-Parenchymal Cells Suppresses Hepatic Inflammation and Improves Systemic Insulin Action. Cell Metabolism, 2010, 12, 237-249.	16.2	192
42	Enhanced Stat3 Activation in POMC Neurons Provokes Negative Feedback Inhibition of Leptin and InsulinSignaling in Obesity. Journal of Neuroscience, 2009, 29, 11582-11593.	3.6	153
43	PDK1 Deficiency in POMC-Expressing Cells Reveals FOXO1-Dependent and -Independent Pathways in Control of Energy Homeostasis and Stress Response. Cell Metabolism, 2008, 7, 291-301.	16.2	141
44	Hepatic NF-Î²B essential modulator deficiency prevents obesity-induced insulin resistance but synergizes with high-fat feeding in tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1297-1302.	7.1	101
45	Central insulin action regulates peripheral glucose and fat metabolism in mice. Journal of Clinical Investigation, 2008, 118, 2132-47.	8.2	223
46	New variants of inducible Cre recombinase: a novel mutant of Cre-PR fusion protein exhibits enhanced sensitivity and an expanded range of inducibility. Nucleic Acids Research, 2001, 29, 47e-47.	14.5	62