

# Thomas Scherer

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

2,017  
citations

394286

19  
h-index

265120

42  
g-index

46  
all docs

46  
docs citations

46  
times ranked

3977  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptin controls adipose tissue lipogenesis via central, STAT3-independent mechanisms. <i>Nature Medicine</i> , 2008, 14, 667-675.	15.2	288
2	De novo lipogenesis in human fat and liver is linked to ChREBP- $\beta$ and metabolic health. <i>Nature Communications</i> , 2013, 4, 1528.	5.8	241
3	Brain Insulin Controls Adipose Tissue Lipolysis and Lipogenesis. <i>Cell Metabolism</i> , 2011, 13, 183-194.	7.2	216
4	Hepatic Cannabinoid Receptor-1 Mediates Diet-Induced Insulin Resistance via Inhibition of Insulin Signaling and Clearance in Mice. <i>Gastroenterology</i> , 2012, 142, 1218-1228.e1.	0.6	155
5	Brain Insulin Lowers Circulating BCAA Levels by Inducing Hepatic BCAA Catabolism. <i>Cell Metabolism</i> , 2014, 20, 898-909.	7.2	124
6	Inhibition of Cisplatin-Induced Lipid Catabolism and Weight Loss by Ghrelin in Male Mice. <i>Endocrinology</i> , 2013, 154, 3118-3129.	1.4	87
7	Binge Drinking Induces Whole-Body Insulin Resistance by Impairing Hypothalamic Insulin Action. <i>Science Translational Medicine</i> , 2013, 5, 170ra14.	5.8	79
8	Brain leptin reduces liver lipids by increasing hepatic triglyceride secretion and lowering lipogenesis. <i>Nature Communications</i> , 2019, 10, 2717.	5.8	70
9	Brain insulin signalling in metabolic homeostasis and disease. <i>Nature Reviews Endocrinology</i> , 2021, 17, 468-483.	4.3	70
10	CD8+ T cells induce cachexia during chronic viral infection. <i>Nature Immunology</i> , 2019, 20, 701-710.	7.0	62
11	Short Term Voluntary Overfeeding Disrupts Brain Insulin Control of Adipose Tissue Lipolysis. <i>Journal of Biological Chemistry</i> , 2012, 287, 33061-33069.	1.6	58
12	Adipocyte Glucocorticoid Receptor Deficiency Attenuates Aging- and HFD-Induced Obesity and Impairs the Feeding-Fasting Transition. <i>Diabetes</i> , 2017, 66, 272-286.	0.3	53
13	Yin and Yang of hypothalamic insulin and leptin signaling in regulating white adipose tissue metabolism. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2011, 12, 235-243.	2.6	52
14	Repurposing of bisphosphonates for the prevention and therapy of nonsmall cell lung and breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17995-18000.	3.3	52
15	Intranasal Insulin Suppresses Systemic but Not Subcutaneous Lipolysis in Healthy Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E246-E251.	1.8	52
16	Insulin Regulates Hepatic Triglyceride Secretion and Lipid Content via Signaling in the Brain. <i>Diabetes</i> , 2016, 65, 1511-1520.	0.3	49
17	Central Endocannabinoid Signaling Regulates Hepatic Glucose Production and Systemic Lipolysis. <i>Diabetes</i> , 2011, 60, 1055-1062.	0.3	47
18	Effects of Insulin Therapy on Myocardial Lipid Content and Cardiac Geometry in Patients with Type-2 Diabetes Mellitus. <i>PLoS ONE</i> , 2012, 7, e50077.	1.1	25

#	ARTICLE	IF	CITATIONS
19	The dysregulation of the endocannabinoid system in diabetes is a tricky problem. <i>Journal of Molecular Medicine</i> , 2009, 87, 663-668.	1.7	23
20	Levothyroxine Replacement in Hypothyroid Humans Reduces Myocardial Lipid Load and Improves Cardiac Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2341-E2346.	1.8	21
21	Emodin, a compound with putative antidiabetic potential, deteriorates glucose tolerance in rodents. <i>European Journal of Pharmacology</i> , 2017, 798, 77-84.	1.7	18
22	Cerebral and Peripheral Metabolism to Predict Successful Reperfusion After Cardiac Arrest in Rats: A Microdialysis Study. <i>Neurocritical Care</i> , 2016, 24, 283-293.	1.2	16
23	Gluconeogenesis, But Not Glycogenolysis, Contributes to the Increase in Endogenous Glucose Production by SGLT-2 Inhibition. <i>Diabetes Care</i> , 2021, 44, 541-548.	4.3	16
24	Cajal revisited: does the VMH make us fat?. <i>Nature Neuroscience</i> , 2011, 14, 806-808.	7.1	14
25	Germline ablation of VGF increases lipolysis in white adipose tissue. <i>Journal of Endocrinology</i> , 2012, 215, 313-322.	1.2	14
26	A Case of simultaneous occurrence of Marine-Lenhart syndrome and a papillary thyroid microcarcinoma. <i>BMC Endocrine Disorders</i> , 2013, 13, 16.	0.9	14
27	Microdialysis Assessment of Cerebral Perfusion during Cardiac Arrest, Extracorporeal Life Support and Cardiopulmonary Resuscitation in Rats – A Pilot Trial. <i>PLoS ONE</i> , 2016, 11, e0155303.	1.1	13
28	Brain Insulin and Leptin Signaling in Metabolic Control. <i>Endocrinology and Metabolism Clinics of North America</i> , 2013, 42, 109-125.	1.2	12
29	Chronic Intranasal Insulin Does Not Affect Hepatic Lipids but Lowers Circulating BCAAs in Healthy Male Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1325-1332.	1.8	11
30	Hypothyroidism correlates with favourable survival prognosis in patients with brain metastatic cancer. <i>European Journal of Cancer</i> , 2020, 135, 150-158.	1.3	10
31	55P0110, a Novel Synthetic Compound Developed from a Plant Derived Backbone Structure, Shows Promising Anti-Hyperglycaemic Activity in Mice. <i>PLoS ONE</i> , 2015, 10, e0126847.	1.1	8
32	[ <sup>18</sup> F]FE@SNAP is a specific PET tracer for melanin-concentrating hormone receptor 1 imaging?. <i>EJNMMI Research</i> , 2016, 6, 31.	1.1	8
33	Life Under Hypoxia Lowers Blood Glucose Independently of Effects on Appetite and Body Weight in Mice. <i>Frontiers in Endocrinology</i> , 2018, 9, 490.	1.5	7
34	Project Backtoclinic: An overview on the state of care of adult PKU patients in Austria. <i>Molecular Genetics and Metabolism</i> , 2021, 133, 257-260.	0.5	7
35	Deciphering metformin action in obese mice: A critical re-evaluation of established protocols. <i>Metabolism: Clinical and Experimental</i> , 2022, 128, 154956.	1.5	5
36	Evidence that the multiflorine-derived substituted quinazolidine 55P0251 augments insulin secretion and lowers blood glucose via antagonism at $\beta_2$ -adrenoceptors in mice. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 290-302.	2.2	3

#	ARTICLE	IF	CITATIONS
37	Clinical Value of 18F-fluorodihydroxyphenylalanine Positron Emission Tomography/Contrast-enhanced Computed Tomography (18F-DOPA PET/CT) in Patients with Suspected Paraganglioma. <i>Anticancer Research</i> , 2016, 36, 4187-93.	0.5	3
38	Preclinical characterization of <a href="#">55P0251</a> , a novel compound that amplifies glucose-stimulated insulin secretion and counteracts hyperglycaemia in rodents. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 1088-1096.	2.2	2
39	Concentration of Gallbladder Phosphatidylcholine in Cholangiopathies: A Phosphorus-31 Magnetic Resonance Spectroscopy Pilot Study. <i>Journal of Magnetic Resonance Imaging</i> , 2021, , .	1.9	2
40	Discovery of melanin-concentrating hormone receptor 1 in brown adipose tissue. <i>Annals of the New York Academy of Sciences</i> , 2021, 1494, 70-86.	1.8	2
41	Adipocyte STAT5 deficiency does not affect blood glucose homeostasis in obese mice. <i>PLoS ONE</i> , 2021, 16, e0260501.	1.1	2
42	OR06-05 Inadequate High Mitochondrial ATP-Synthesis Explains "Non-Fatty-Liver" in Patients with Acromegaly. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	1
43	Clinical challenges in the management of endocrine side effects of immuno-oncological therapies. <i>Memo - Magazine of European Medical Oncology</i> , 0, , 1.	0.3	1