

Stephan Herzig

List of Publications by Year in descending order

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121
papers

9,432
citations

50170

46
h-index

40881

93
g-index

135
all docs

135
docs citations

135
times ranked

15066
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipocyte-specific tribbles pseudokinase 1 regulates plasma adiponectin and plasma lipids in mice. <i>Molecular Metabolism</i> , 2022, 56, 101412.	3.0	4
2	A macrophage-hepatocyte glucocorticoid receptor axis coordinates fasting ketogenesis. <i>Cell Metabolism</i> , 2022, 34, 473-486.e9.	7.2	34
3	Angpt2/Tie2 autostimulatory loop controls tumorigenesis. <i>EMBO Molecular Medicine</i> , 2022, 14, e14364.	3.3	7
4	Hepatocyte-specific activity of TSC22D4 triggers progressive NAFLD by impairing mitochondrial function. <i>Molecular Metabolism</i> , 2022, 60, 101487.	3.0	3
5	Ageing Aggravates Cachexia in Tumor-Bearing Mice. <i>Cancers</i> , 2022, 14, 90.	1.7	7
6	Six-Month Periodic Fasting in Patients With Type 2 Diabetes and Diabetic Nephropathy: A Proof-of-Concept Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 2167-2181.	1.8	18
7	TSC22D4 promotes TGF β 21-induced activation of hepatic stellate cells. <i>Biochemical and Biophysical Research Communications</i> , 2022, 618, 46-53.	1.0	2
8	TBL1XR1 Ensures Balanced Neural Development Through NCOR Complex-Mediated Regulation of the MAPK Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 641410.	1.8	7
9	Lipocalin 13 enhances insulin secretion but is dispensable for systemic metabolic control. <i>Life Science Alliance</i> , 2021, 4, e202000898.	1.3	5
10	Combination therapies induce cancer cell death through the integrated stress response and disturbed pyrimidine metabolism. <i>EMBO Molecular Medicine</i> , 2021, 13, e12461.	3.3	12
11	Liver alanine catabolism promotes skeletal muscle atrophy and hyperglycaemia in type 2 diabetes. <i>Nature Metabolism</i> , 2021, 3, 394-409.	5.1	48
12	HAND2 is a novel obesity-linked adipogenic transcription factor regulated by glucocorticoid signalling. <i>Diabetologia</i> , 2021, 64, 1850-1865.	2.9	10
13	Orphan GPR116 mediates the insulin sensitizing effects of the hepatokine FNDC4 in adipose tissue. <i>Nature Communications</i> , 2021, 12, 2999.	5.8	22
14	Elevated Expression of the RAGE Variant-V in SCLC Mitigates the Effect of Chemotherapeutic Drugs. <i>Cancers</i> , 2021, 13, 2843.	1.7	4
15	Emerging Targets in Type 2 Diabetes and Diabetic Complications. <i>Advanced Science</i> , 2021, 8, e2100275.	5.6	133
16	Liver-fibrosis-activated transcriptional networks govern hepatocyte reprogramming and intra-hepatic communication. <i>Cell Metabolism</i> , 2021, 33, 1685-1700.e9.	7.2	73
17	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. <i>Nature Communications</i> , 2021, 12, 5068.	5.8	36
18	Association of circulating PLA2G7 levels with cancer cachexia and assessment of darapladib as a therapy. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1333-1351.	2.9	16

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19	Imaging modalities for diagnosis and monitoring of cancer cachexia. <i>EJNMMI Research</i> , 2021, 11, 94.	1.1	14
20	Diabetic Pneumopathyâ€“A New Diabetes-Associated Complication: Mechanisms, Consequences and Treatment Considerations. <i>Frontiers in Endocrinology</i> , 2021, 12, 765201.	1.5	20
21	High levels of modified ceramides are a defining feature of murine and human cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1459-1475.	2.9	26
22	Exploiting common aspects of obesity and cancer cachexia for future therapeutic strategies. <i>Current Opinion in Pharmacology</i> , 2020, 53, 101-116.	1.7	10
23	An Antibody Attack against Body Wasting in Cancer. <i>Cell Metabolism</i> , 2020, 32, 331-333.	7.2	3
24	Endothelial Notch signaling controls insulin transport in muscle. <i>EMBO Molecular Medicine</i> , 2020, 12, e09271.	3.3	23
25	Compromised<scp>DNA</scp>repair is responsible for diabetesâ€™associated fibrosis. <i>EMBO Journal</i> , 2020, 39, e103477.	3.5	49
26	The role of brown and beige adipose tissue in glycaemic control. <i>Molecular Aspects of Medicine</i> , 2019, 68, 90-100.	2.7	33
27	Hepatic Rab24 controls blood glucose homeostasis via improving mitochondrial plasticity. <i>Nature Metabolism</i> , 2019, 1, 1009-1026.	5.1	27
28	Energy metabolism in cachexia. <i>EMBO Reports</i> , 2019, 20, .	2.0	105
29	A miRâ€™29aâ€™driven negative feedback loop regulates peripheral glucocorticoid receptor signaling. <i>FASEB Journal</i> , 2019, 33, 5924-5941.	0.2	30
30	The glucocorticoid receptor in brown adipocytes is dispensable for control of energy homeostasis. <i>EMBO Reports</i> , 2019, 20, e48552.	2.0	16
31	Effects of the Reactive Metabolite Methylglyoxal on Cellular Signalling, Insulin Action and Metabolism â€“ What We Know in Mammals and What We Can Learn From Yeast. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2019, 127, 203-214.	0.6	8
32	High-glucose toxicity is mediated by AICAR-transformylase/IMP cyclohydrolase and mitigated by AMP-activated protein kinase in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 4845-4859.	1.6	5
33	Jak-TGFÎ² cross-talk links transient adipose tissue inflammation to beige adipogenesis. <i>Science Signaling</i> , 2018, 11, .	1.6	41
34	Dietary protein dilution limits dyslipidemia in obesity through FGF21-driven fatty acid clearance. <i>Journal of Nutritional Biochemistry</i> , 2018, 57, 189-196.	1.9	31
35	Inhibition of Endothelial Notch Signaling Impairs Fatty Acid Transport and Leads to Metabolic and Vascular Remodeling of the Adult Heart. <i>Circulation</i> , 2018, 137, 2592-2608.	1.6	103
36	Paraneoplastic Syndromes in Pancreatic Cancer. , 2018, , 633-657.		2

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37	Norepinephrine triggers an immediate-early regulatory network response in primary human white adipocytes. <i>BMC Genomics</i> , 2018, 19, 794.	1.2	20
38	Cancer Cachexia: More Than Skeletal Muscle Wasting. <i>Trends in Cancer</i> , 2018, 4, 849-860.	3.8	123
39	Cited4 is a sex-biased mediator of the antidiabetic glitazone response in adipocyte progenitors. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	7
40	Comparative Secretome Analyses of Primary Murine White and Brown Adipocytes Reveal Novel Adipokines. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2358-2370.	2.5	51
41	Paraneoplastic Syndromes in Pancreatic Cancer. , 2018, , 1-25.		0
42	Alternatively activated macrophages do not synthesize catecholamines or contribute to adipose tissue adaptive thermogenesis. <i>Nature Medicine</i> , 2017, 23, 623-630.	15.2	282
43	Adipose tissue: between the extremes. <i>EMBO Journal</i> , 2017, 36, 1999-2017.	3.5	172
44	Let's burn whatever you have: mitofusin 2 metabolically re-wires brown adipose tissue. <i>EMBO Reports</i> , 2017, 18, 1039-1040.	2.0	7
45	Acetyl-CoA Carboxylase 1-Dependent Protein Acetylation Controls Breast Cancer Metastasis and Recurrence. <i>Cell Metabolism</i> , 2017, 26, 842-855.e5.	7.2	180
46	Hormesis enables cells to handle accumulating toxic metabolites during increased energy flux. <i>Redox Biology</i> , 2017, 13, 674-686.	3.9	31
47	Endocrine and autocrine/paracrine modulators of brown adipose tissue mass and activity as novel therapeutic strategies against obesity and type 2 diabetes. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2017, 31, .	0.3	7
48	A Hepatic GAbp-AMPK Axis Links Inflammatory Signaling to Systemic Vascular Damage. <i>Cell Reports</i> , 2017, 20, 1422-1434.	2.9	7
49	Homeostatic nuclear RAGE-ATM interaction is essential for efficient DNA repair. <i>Nucleic Acids Research</i> , 2017, 45, 10595-10613.	6.5	66
50	Repletion of branched chain amino acids reverses mTORC1 signaling but not improved metabolism during dietary protein dilution. <i>Molecular Metabolism</i> , 2017, 6, 873-881.	3.0	54
51	Reduction in ins-7 gene expression in non-neuronal cells of high glucose exposed <i>Caenorhabditis elegans</i> protects from reactive metabolites, preserves neuronal structure and head motility, and prolongs lifespan. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 304-310.	1.2	8
52	<i>In vivo</i> assessment of cold stimulation effects on the fat fraction of brown adipose tissue using DIXON MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 369-380.	1.9	34
53	A Glyoxalase-1 Knockdown Does Not Have Major Short Term Effects on Energy Expenditure and Atherosclerosis in Mice. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-8.	1.0	15
54	Fasting-induced liver GADD45 ² restrains hepatic fatty acid uptake and improves metabolic health. <i>EMBO Molecular Medicine</i> , 2016, 8, 654-669.	3.3	32

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55	Mouse redox histology using genetically encoded probes. <i>Science Signaling</i> , 2016, 9, rs1.	1.6	62
56	Ataxin-10 is part of a cachexokine cocktail triggering cardiac metabolic dysfunction in cancer cachexia. <i>Molecular Metabolism</i> , 2016, 5, 67-78.	3.0	51
57	An AMP-activated protein kinase-stabilizing peptide ameliorates adipose tissue wasting in cancer cachexia in mice. <i>Nature Medicine</i> , 2016, 22, 1120-1130.	15.2	106
58	miR-125b affects mitochondrial biogenesis and impairs brite adipocyte formation and function. <i>Molecular Metabolism</i> , 2016, 5, 615-625.	3.0	54
59	Control of diabetic hyperglycaemia and insulin resistance through TSC22D4. <i>Nature Communications</i> , 2016, 7, 13267.	5.8	27
60	The necroptosis-inducing kinase RIPK3 dampens adipose tissue inflammation and glucose intolerance. <i>Nature Communications</i> , 2016, 7, 11869.	5.8	68
61	IP-receptor and PPARs trigger the conversion of human white to brite adipocyte induced by carbaprostacyclin. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 285-293.	1.2	31
62	A liver stress-endocrine nexus promotes metabolic integrity during dietary protein dilution. <i>Journal of Clinical Investigation</i> , 2016, 126, 3263-3278.	3.9	138
63	Transcriptional co-factor Transducin beta-like (<i>TBL</i>) 1 acts as a checkpoint in pancreatic cancer malignancy. <i>EMBO Molecular Medicine</i> , 2015, 7, 1048-1062.	3.3	12
64	Transcriptional Pathways in cPGI2-Induced Adipocyte Progenitor Activation for Browning. <i>Frontiers in Endocrinology</i> , 2015, 6, 129.	1.5	33
65	PPP2R5C Couples Hepatic Glucose and Lipid Homeostasis. <i>PLoS Genetics</i> , 2015, 11, e1005561.	1.5	33
66	micro RNA-379 couples glucocorticoid hormones to dysfunctional lipid homeostasis. <i>EMBO Journal</i> , 2015, 34, 344-360.	3.5	43
67	Molecular regulation of urea cycle function by the liver glucocorticoid receptor. <i>Molecular Metabolism</i> , 2015, 4, 732-740.	3.0	44
68	daf-16/FOXO and glod-4/glyoxalase-1 are required for the life-prolonging effect of human insulin under high glucose conditions in <i>Caenorhabditis elegans</i> . <i>Diabetologia</i> , 2015, 58, 393-401.	2.9	30
69	How Do Glucocorticoids Regulate Lipid Metabolism?. <i>Advances in Experimental Medicine and Biology</i> , 2015, 872, 127-144.	0.8	46
70	Mice lacking neutral amino acid transporter B0AT1 (Slc6a19) have elevated levels of FGF21 and GLP-1 and improved glycaemic control. <i>Molecular Metabolism</i> , 2015, 4, 406-417.	3.0	71
71	Hematopoietic Kit Deficiency, rather than Lack of Mast Cells, Protects Mice from Obesity and Insulin Resistance. <i>Cell Metabolism</i> , 2015, 21, 678-691.	7.2	62
72	Brown Adipose Tissue Harbors a Distinct Sub-Population of Regulatory T Cells. <i>PLoS ONE</i> , 2015, 10, e0118534.	1.1	61

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73	PRAS40 prevents development of diabetic cardiomyopathy and improves hepatic insulin sensitivity in obesity. <i>EMBO Molecular Medicine</i> , 2014, 6, 57-65.	3.3	68
74	Hypoxia-inducible Lipid Droplet-associated (HILPDA) Is a Novel Peroxisome Proliferator-activated Receptor (PPAR) Target Involved in Hepatic Triglyceride Secretion. <i>Journal of Biological Chemistry</i> , 2014, 289, 19279-19293.	1.6	61
75	The ω -6-fatty acid, arachidonic acid, regulates the conversion of white to brite adipocyte through a prostaglandin/calcium mediated pathway. <i>Molecular Metabolism</i> , 2014, 3, 834-847.	3.0	71
76	Hepatic transforming growth factor- β 1 stimulated clone-22 D1 controls systemic cholesterol metabolism. <i>Molecular Metabolism</i> , 2014, 3, 155-166.	3.0	5
77	MicroRNA-26 Family Is Required for Human Adipogenesis and Drives Characteristics of Brown Adipocytes. <i>Stem Cells</i> , 2014, 32, 1578-1590.	1.4	138
78	Glucocorticoid hormones and energy homeostasis. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014, 19, 117-128.	0.3	52
79	Immune cells and metabolic dysfunction. <i>Seminars in Immunopathology</i> , 2014, 36, 13-25.	2.8	21
80	Thermogenic adipocytes: From cells to physiology and medicine. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 1238-1249.	1.5	46
81	11 β -Hydroxysteroid dehydrogenase-1 is involved in bile acid homeostasis by modulating fatty acid transport protein-5 in the liver of mice. <i>Molecular Metabolism</i> , 2014, 3, 554-564.	3.0	11
82	Browning of White Adipose Tissue Uncouples Glucose Uptake from Insulin Signaling. <i>PLoS ONE</i> , 2014, 9, e110428.	1.1	42
83	Aging-Dependent Reduction in Glyoxalase 1 Delays Wound Healing. <i>Gerontology</i> , 2013, 59, 427-437.	1.4	53
84	Detecting endogenous SUMO targets in mammalian cells and tissues. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 525-531.	3.6	188
85	Metabolic control through glucocorticoid hormones: An update. <i>Molecular and Cellular Endocrinology</i> , 2013, 380, 65-78.	1.6	109
86	Transcriptional Cofactor TBLR1 Controls Lipid Mobilization in White Adipose Tissue. <i>Cell Metabolism</i> , 2013, 17, 575-585.	7.2	41
87	White and brown adipose stem cells: From signaling to clinical implications. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 896-904.	1.2	36
88	TSC22D4 is a molecular output of hepatic wasting metabolism. <i>EMBO Molecular Medicine</i> , 2013, 5, 294-308.	3.3	57
89	Adipose Stem Cells. , 2013, , 19-40.		0
90	Selective enrichment of newly synthesized proteins for quantitative secretome analysis. <i>Nature Biotechnology</i> , 2012, 30, 984-990.	9.4	234

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91	Brown Fat Develops a <i>Brite</i> Future. Obesity Facts, 2012, 5, 890-896.	1.6	21
92	Functional Inactivation of the Genome-Wide Association Study Obesity Gene Neuronal Growth Regulator 1 in Mice Causes a Body Mass Phenotype. PLoS ONE, 2012, 7, e41537.	1.1	66
93	Hepatic Deficiency in Transcriptional Cofactor TBL1 Promotes Liver Steatosis and Hypertriglyceridemia. Cell Metabolism, 2011, 13, 389-400.	7.2	49
94	Molecular Control of Systemic Bile Acid Homeostasis by the Liver Glucocorticoid Receptor. Cell Metabolism, 2011, 14, 123-130.	7.2	77
95	Transcriptional co-factors and hepatic energy metabolism. Molecular and Cellular Endocrinology, 2011, 332, 21-31.	1.6	13
96	Cyclooxygenase-2 Controls Energy Homeostasis in Mice by de Novo Recruitment of Brown Adipocytes. Science, 2010, 328, 1158-1161.	6.0	401
97	Control of Adipose Tissue Inflammation Through TRB1. Diabetes, 2010, 59, 1991-2000.	0.3	58
98	Role of glucocorticoids and the glucocorticoid receptor in metabolism: Insights from genetic manipulations. Journal of Steroid Biochemistry and Molecular Biology, 2010, 122, 10-20.	1.2	97
99	Paraneoplastic Syndromes in Pancreatic Cancer. , 2010, , 651-673.		2
100	Positional Cloning of Zinc Finger Domain Transcription Factor Zfp69, a Candidate Gene for Obesity-Associated Diabetes Contributed by Mouse Locus Nidd/SJL. PLoS Genetics, 2009, 5, e1000541.	1.5	68
101	Liver-Specific Loss of Lipolysis-Stimulated Lipoprotein Receptor Triggers Systemic Hyperlipidemia in Mice. Diabetes, 2009, 58, 1040-1049.	0.3	44
102	Protein Kinase G Controls Brown Fat Cell Differentiation and Mitochondrial Biogenesis. Science Signaling, 2009, 2, ra78.	1.6	118
103	In vivo phosphoenolpyruvate carboxykinase promoter mapping identifies disrupted hormonal synergism as a target of inflammation during sepsis in mice. Hepatology, 2009, 50, 1963-1971.	3.6	10
104	Common Pathological Processes and Transcriptional Pathways in Alzheimer's Disease and Type 2 Diabetes. Journal of Alzheimer's Disease, 2009, 16, 787-808.	1.2	49
105	Nuclear receptor cofactor receptor interacting protein 140 controls hepatic triglyceride metabolism during wasting in mice. Hepatology, 2008, 48, 782-791.	3.6	54
106	The Glucocorticoid Receptor Controls Hepatic Dyslipidemia through Hes1. Cell Metabolism, 2008, 8, 212-223.	7.2	126
107	Coactivator function of RIP140 for NF κ B/RelA-dependent cytokine gene expression. Blood, 2008, 112, 264-276.	0.6	108
108	Glucocorticoids, metabolism and metabolic diseases. Molecular and Cellular Endocrinology, 2007, 275, 43-61.	1.6	418

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109	Pancreatic cancer microenvironment. <i>International Journal of Cancer</i> , 2007, 121, 699-705.	2.3	190
110	Discovering orphans' sweet secret: NR4A receptors and hepatic glucose production. <i>Cell Metabolism</i> , 2006, 4, 339-340.	7.2	16
111	Chapter 10 Forkhead proteins and the regulation of hepatic gene expression. <i>Advances in Molecular and Cellular Endocrinology</i> , 2006, , 187-317.	0.1	0
112	Signal-dependent Control of Gluconeogenic Key Enzyme Genes through Coactivator-associated Arginine Methyltransferase 1. <i>Journal of Biological Chemistry</i> , 2006, 281, 3025-3029.	1.6	34
113	Transcriptional regulation of plasminogen activator inhibitor-1 expression by insulin-like growth factor-1 via MAP kinases and hypoxia-inducible factor-1 in HepG2 cells. <i>Thrombosis and Haemostasis</i> , 2005, 93, 1176-1184.	1.8	38
114	PE-1/METS, an Antiproliferative Ets Repressor Factor, Is Induced by CREB-1/CREM-1 during Macrophage Differentiation. <i>Journal of Biological Chemistry</i> , 2004, 279, 17772-17784.	1.6	37
115	PGC-1 promotes insulin resistance in liver through PPAR- δ -dependent induction of TRB-3. <i>Nature Medicine</i> , 2004, 10, 530-534.	15.2	499
116	Attenuation of a phosphorylation-dependent activator by an HDAC-PP1 complex. <i>Nature Structural and Molecular Biology</i> , 2003, 10, 175-181.	3.6	179
117	CREB controls hepatic lipid metabolism through nuclear hormone receptor PPAR- δ . <i>Nature</i> , 2003, 426, 190-193.	13.7	280
118	TRB3: A tribbles Homolog That Inhibits Akt/PKB Activation by Insulin in Liver. <i>Science</i> , 2003, 300, 1574-1577.	6.0	775
119	CREB regulates hepatic gluconeogenesis through the coactivator PGC-1. <i>Nature</i> , 2001, 413, 179-183.	13.7	1,238
120	Heterodimeric Pbx-Prep1 Homeodomain Protein Binding to the Glucagon Gene Restricting Transcription in a Cell Type-dependent Manner. <i>Journal of Biological Chemistry</i> , 2000, 275, 27989-27999.	1.6	45
121	Tissue-Specific Transcriptional Activity of a Pancreatic Islet Cell-Specific Enhancer Sequence/Pax6-Binding Site Determined in Normal Adult Tissues <i>in Vivo</i> Using Transgenic Mice. <i>Molecular Endocrinology</i> , 1999, 13, 718-728.	3.7	22