

Siegfried Ussar

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

5,410
citations

185998

28
h-index

161609

54
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58
all docs

58
docs citations

58
times ranked

8989
citing authors

#	ARTICLE	IF	CITATIONS
1	SILAC Mouse for Quantitative Proteomics Uncovers Kindlin-3 as an Essential Factor for Red Blood Cell Function. <i>Cell</i> , 2008, 134, 353-364.	13.5	631
2	Kindlin-3 is essential for integrin activation and platelet aggregation. <i>Nature Medicine</i> , 2008, 14, 325-330.	15.2	599
3	Interactions between Gut Microbiota, Host Genetics and Diet Modulate the Predisposition to Obesity and Metabolic Syndrome. <i>Cell Metabolism</i> , 2015, 22, 516-530.	7.2	433
4	Kindlin-2 controls bidirectional signaling of integrins. <i>Genes and Development</i> , 2008, 22, 1325-1330.	2.7	381
5	Leukocyte adhesion deficiency-III is caused by mutations in KINDLIN3 affecting integrin activation. <i>Nature Medicine</i> , 2009, 15, 306-312.	15.2	371
6	Lessons on Conditional Gene Targeting in Mouse Adipose Tissue. <i>Diabetes</i> , 2013, 62, 864-874.	0.3	281
7	Sirt3 Regulates Metabolic Flexibility of Skeletal Muscle Through Reversible Enzymatic Deacetylation. <i>Diabetes</i> , 2013, 62, 3404-3417.	0.3	234
8	The Kindlins: Subcellular localization and expression during murine development. <i>Experimental Cell Research</i> , 2006, 312, 3142-3151.	1.2	217
9	Loss of Kindlin-1 Causes Skin Atrophy and Lethal Neonatal Intestinal Epithelial Dysfunction. <i>PLoS Genetics</i> , 2008, 4, e1000289.	1.5	185
10	ASC-1, PAT2, and P2RX5 are cell surface markers for white, beige, and brown adipocytes. <i>Science Translational Medicine</i> , 2014, 6, 247ra103.	5.8	169
11	Diet, Genetics, and the Gut Microbiome Drive Dynamic Changes in Plasma Metabolites. <i>Cell Reports</i> , 2018, 22, 3072-3086.	2.9	159
12	Heterogeneity of adipose tissue in development and metabolic function. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	147
13	Interactions between host genetics and gut microbiome in diabetes and metabolic syndrome. <i>Molecular Metabolism</i> , 2016, 5, 795-803.	3.0	132
14	Antibiotic effects on gut microbiota and metabolism are host dependent. <i>Journal of Clinical Investigation</i> , 2016, 126, 4430-4443.	3.9	130
15	Kindlin-1 controls Wnt and TGF- β 2 availability to regulate cutaneous stem cell proliferation. <i>Nature Medicine</i> , 2014, 20, 350-359.	15.2	112
16	Leptin regulation of Hsp60 impacts hypothalamic insulin signaling. <i>Journal of Clinical Investigation</i> , 2013, 123, 4667-4680.	3.9	101
17	MEK1 and MEK2, Different Regulators of the G1/S Transition. <i>Journal of Biological Chemistry</i> , 2004, 279, 43861-43869.	1.6	96
18	Targeted pharmacological therapy restores β 2-cell function for diabetes remission. <i>Nature Metabolism</i> , 2020, 2, 192-209.	5.1	93

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19	Glypican-4 Enhances Insulin Signaling via Interaction With the Insulin Receptor and Serves as a Novel Adipokine. <i>Diabetes</i> , 2012, 61, 2289-2298.	0.3	85
20	Developmental and functional heterogeneity of white adipocytes within a single fat depot. <i>EMBO Journal</i> , 2019, 38, .	3.5	83
21	Colocalization of Kindlin-1, Kindlin-2, and Migfilin at Keratinocyte Focal Adhesion and Relevance to the Pathophysiology of Kindler Syndrome. <i>Journal of Investigative Dermatology</i> , 2008, 128, 2156-2165.	0.3	79
22	Tbx15 controls skeletal muscle fibre-type determination and muscle metabolism. <i>Nature Communications</i> , 2015, 6, 8054.	5.8	76
23	Integrin-linked kinase: integrin's mysterious partner. <i>Current Opinion in Cell Biology</i> , 2004, 16, 565-571.	2.6	69
24	Obesity-associated hyperleptinemia alters the gliovascular interface of the hypothalamus to promote hypertension. <i>Cell Metabolism</i> , 2021, 33, 1155-1170.e10.	7.2	68
25	A history of obesity leaves an inflammatory fingerprint in liver and adipose tissue. <i>International Journal of Obesity</i> , 2018, 42, 507-517.	1.6	59
26	<i>Tbx15</i> Defines a Glycolytic Subpopulation and White Adipocyte Heterogeneity. <i>Diabetes</i> , 2017, 66, 2822-2829.	0.3	37
27	Loss-of-Function FERMT1 Mutations in Kindler Syndrome Implicate a Role for Fermitin Family Homolog-1 in Integrin Activation. <i>American Journal of Pathology</i> , 2009, 175, 1431-1441.	1.9	34
28	Regulation of Glucose Uptake and Enteroendocrine Function by the Intestinal Epithelial Insulin Receptor. <i>Diabetes</i> , 2017, 66, 886-896.	0.3	32
29	Active integrins regulate white adipose tissue insulin sensitivity and brown fat thermogenesis. <i>Molecular Metabolism</i> , 2021, 45, 101147.	3.0	30
30	Chronic d-serine supplementation impairs insulin secretion. <i>Molecular Metabolism</i> , 2018, 16, 191-202.	3.0	29
31	Loss of periostin occurs in aging adipose tissue of mice and its genetic ablation impairs adipose tissue lipid metabolism. <i>Aging Cell</i> , 2018, 17, e12810.	3.0	29
32	Extracellular calcium modulates brown adipocyte differentiation and identity. <i>Scientific Reports</i> , 2017, 7, 8888.	1.6	27
33	Insulin resistance in vascular endothelial cells promotes intestinal tumour formation. <i>Oncogene</i> , 2017, 36, 4987-4996.	2.6	25
34	The scaffold protein p62 regulates adaptive thermogenesis through ATF2 nuclear target activation. <i>Nature Communications</i> , 2020, 11, 2306.	5.8	21
35	C-terminally truncated kindlin-1 leads to abnormal adhesion and migration of keratinocytes. <i>British Journal of Dermatology</i> , 2008, 159, ???-???	1.4	19
36	Identification of Cyanobacterial Strains with Potential for the Treatment of Obesity-Related Co-Morbidities by Bioactivity, Toxicity Evaluation and Metabolite Profiling. <i>Marine Drugs</i> , 2019, 17, 280.	2.2	18

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37	Asc-1 regulates white versus beige adipocyte fate in a subcutaneous stromal cell population. <i>Nature Communications</i> , 2021, 12, 1588.	5.8	17
38	Receptor Antibodies as Novel Therapeutics for Diabetes. <i>Science Translational Medicine</i> , 2011, 3, 113ps47.	5.8	15
39	Identification and characterization of distinct brown adipocyte subtypes in C57BL/6J mice. <i>Life Science Alliance</i> , 2021, 4, e202000924.	1.3	14
40	Age-dependent membrane release and degradation of full-length glycosylphosphatidylinositol-anchored proteins in rats. <i>Mechanisms of Ageing and Development</i> , 2020, 190, 111307.	2.2	9
41	Gut Microbes Controlling Blood Sugar: No Fire Required!. <i>Cell Metabolism</i> , 2020, 31, 443-444.	7.2	9
42	Identification and characterization of adipose surface epitopes. <i>Biochemical Journal</i> , 2020, 477, 2509-2541.	1.7	9
43	[Br]eaking FAT. <i>Cell</i> , 2014, 159, 238-240.	13.5	8
44	Regulatory networks determining substrate utilization in brown adipocytes. <i>Trends in Endocrinology and Metabolism</i> , 2022, 33, 493-506.	3.1	7
45	Immune Cell Regulation of White Adipose Progenitor Cell Fate. <i>Frontiers in Endocrinology</i> , 2022, 13, 859044.	1.5	5
46	L-Serine Supplementation Blunts Fasting-Induced Weight Regain by Increasing Brown Fat Thermogenesis. <i>Nutrients</i> , 2022, 14, 1922.	1.7	5
47	Is epiploic fat the dermal fat of the intestine?. <i>Gut</i> , 2022, 71, 2147-2148.	6.1	3
48	Differential effects of lung inflammation on insulin resistance in humans and mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2482-2497.	2.7	3
49	PAT2 regulates vATPase assembly and lysosomal acidification in brown adipocytes. <i>Molecular Metabolism</i> , 2022, 61, 101508.	3.0	3
50	Linking maternal obesity to early insulin resistance. <i>Molecular Metabolism</i> , 2014, 3, 219-220.	3.0	1
51	Response to Comment on Ussar et al. Regulation of Glucose Uptake and Enteroendocrine Function by the Intestinal Epithelial Insulin Receptor. <i>Diabetes</i> 2017;66:886â€“896. <i>Diabetes</i> , 2017, 66, e6-e6.	0.3	1
52	Development of an Optimized Clearing Protocol to Examine Adipocyte Subpopulations in White Adipose Tissue. <i>Methods and Protocols</i> , 2021, 4, 39.	0.9	1
53	Insulin receptor trafficking steers insulin action. <i>Molecular Metabolism</i> , 2016, 5, 253-254.	3.0	0