

Kai Sun

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4683297/kai-sun-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

3,589
citations

21
h-index

41
g-index

41
ext. papers

4,341
ext. citations

11.5
avg, IF

5.38
L-index

#	Paper	IF	Citations
36	Ameliorating cancer cachexia by inhibiting cancer cell release of Hsp70 and Hsp90 with omeprazole. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 ,	10.3	1
35	GHS-R suppression in adipose tissues protects against obesity and insulin resistance by regulating adipose angiogenesis and fibrosis. <i>International Journal of Obesity</i> , 2021 , 45, 1565-1575	5.5	4
34	Cellular and physiological circadian mechanisms drive diurnal cell proliferation and expansion of white adipose tissue. <i>Nature Communications</i> , 2021 , 12, 3482	17.4	3
33	Glycosaminoglycan Modification of Decorin Depends on MMP14 Activity and Regulates Collagen Assembly. <i>Cells</i> , 2020 , 9,	7.9	3
32	Critical Role of Matrix Metalloproteinase 14 in Adipose Tissue Remodeling during Obesity. <i>Molecular and Cellular Biology</i> , 2020 , 40,	4.8	23
31	Obesity-Induced Regulator of Calcineurin 1 Overexpression Leads to ECell Failure Through Mitophagy Pathway Inhibition. <i>Antioxidants and Redox Signaling</i> , 2020 , 32, 413-428	8.4	7
30	Novel role of dynamin-related-protein 1 in dynamics of ER-lipid droplets in adipose tissue. <i>FASEB Journal</i> , 2020 , 34, 8265-8282	0.9	5
29	Partial Leptin Reduction as an Insulin Sensitization and Weight Loss Strategy. <i>Cell Metabolism</i> , 2019 , 30, 706-719.e6	24.6	93
28	Co-staining Blood Vessels and Nerve Fibers in Adipose Tissue. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	3
27	A Unique Role of Carboxylesterase 3 (Ces3) in EAdrenergic Signaling-Stimulated Thermogenesis. <i>Diabetes</i> , 2019 , 68, 1178-1196	0.9	11
26	Rosiglitazone reverses high fat diet-induced changes in BMAL1 function in muscle, fat, and liver tissue in mice. <i>International Journal of Obesity</i> , 2019 , 43, 567-580	5.5	6
25	Dysregulation of Amyloid Precursor Protein Impairs Adipose Tissue Mitochondrial Function and Promotes Obesity. <i>Nature Metabolism</i> , 2019 , 1, 1243-1257	14.6	17
24	Transient inflammatory signaling promotes beige adipogenesis. <i>Science Signaling</i> , 2018 , 11,	8.8	10
23	Transient Overexpression of Vascular Endothelial Growth Factor A in Adipose Tissue Promotes Energy Expenditure via Activation of the Sympathetic Nervous System. <i>Molecular and Cellular Biology</i> , 2018 , 38,	4.8	19
22	Regulation of Lipolysis in Adipose Tissue and Clinical Significance. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1090, 199-210	3.6	4
21	Inducible overexpression of adiponectin receptors highlight the roles of adiponectin-induced ceramidase signaling in lipid and glucose homeostasis. <i>Molecular Metabolism</i> , 2017 , 6, 267-275	8.8	97
20	VEGF-A-Expressing Adipose Tissue Shows Rapid Beiging and Enhanced Survival After Transplantation and Confers IL-4-Independent Metabolic Improvements. <i>Diabetes</i> , 2017 , 66, 1479-1490	0.9	59

19	Adiponectin alters renal calcium and phosphate excretion through regulation of klotho expression. <i>Kidney International</i> , 2017 , 91, 324-337	9.9	35
18	Short-Term Versus Long-Term Effects of Adipocyte Toll-Like Receptor 4 Activation on Insulin Resistance in Male Mice. <i>Endocrinology</i> , 2017 , 158, 1260-1270	4.8	24
17	Angiopoietin-2 in white adipose tissue improves metabolic homeostasis through enhanced angiogenesis. <i>ELife</i> , 2017 , 6,	8.9	36
16	Divergent functions of endotrophin on different cell populations in adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E952-E963	6	29
15	Zfp423 Maintains White Adipocyte Identity through Suppression of the Beige Cell Thermogenic Gene Program. <i>Cell Metabolism</i> , 2016 , 23, 1167-1184	24.6	136
14	Loss of the liver X receptor LXR β in peripheral sensory neurons modifies energy expenditure. <i>ELife</i> , 2015 , 4,	8.9	16
13	PPAR γ in vagal neurons regulates high-fat diet induced thermogenesis. <i>Cell Metabolism</i> , 2014 , 19, 722-30	24.6	49
12	A novel ADIPOQ mutation (p.M40K) impairs assembly of high-molecular-weight adiponectin and is associated with early-onset obesity and metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E683-93	5.6	17
11	Xbp1s in Pomc neurons connects ER stress with energy balance and glucose homeostasis. <i>Cell Metabolism</i> , 2014 , 20, 471-82	24.6	169
10	Endotrophin triggers adipose tissue fibrosis and metabolic dysfunction. <i>Nature Communications</i> , 2014 , 5, 3485	17.4	180
9	Hepatocyte Toll-like receptor 4 regulates obesity-induced inflammation and insulin resistance. <i>Nature Communications</i> , 2014 , 5, 3878	17.4	192
8	ER α upregulates Phd3 to ameliorate HIF-1 induced fibrosis and inflammation in adipose tissue. <i>Molecular Metabolism</i> , 2014 , 3, 642-51	8.8	31
7	Brown adipose tissue derived VEGF-A modulates cold tolerance and energy expenditure. <i>Molecular Metabolism</i> , 2014 , 3, 474-83	8.8	89
6	Beclin 2 functions in autophagy, degradation of G protein-coupled receptors, and metabolism. <i>Cell</i> , 2013 , 154, 1085-1099	56.2	115
5	Fibrosis and adipose tissue dysfunction. <i>Cell Metabolism</i> , 2013 , 18, 470-7	24.6	507
4	Selective inhibition of hypoxia-inducible factor 1 α ameliorates adipose tissue dysfunction. <i>Molecular and Cellular Biology</i> , 2013 , 33, 904-17	4.8	141
3	The PPAR γ -FGF1 axis: an unexpected mediator of adipose tissue homeostasis. <i>Cell Research</i> , 2012 , 22, 1416-8	24.7	10
2	Dichotomous effects of VEGF-A on adipose tissue dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5874-9	11.5	273

1 Adipose tissue remodeling and obesity. *Journal of Clinical Investigation*, **2011**, 121, 2094-101

15.9 1151