

List of Publications by Citations

Source: <https://exaly.com/author-pdf/440651/xiaoling-li-publications-by-citations.pdf>
Version: 2024-04-10

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.

58 papers	5,276 citations	32 h-index	68 g-index
68 ext. papers	6,200 ext. citations	8.8 avg, IF	5.75 L-index

#	Paper	IF	Citations
58	Hepatocyte-specific deletion of SIRT1 alters fatty acid metabolism and results in hepatic steatosis and inflammation. <i>Cell Metabolism</i> , 2009 , 9, 327-38	24.6	811
57	SIRT1 deacetylates and positively regulates the nuclear receptor LXR. <i>Molecular Cell</i> , 2007 , 28, 91-106	17.6	512
56	Conserved role of SIRT1 orthologs in fasting-dependent inhibition of the lipid/cholesterol regulator SREBP. <i>Genes and Development</i> , 2010 , 24, 1403-17	12.6	251
55	PEX19 binds multiple peroxisomal membrane proteins, is predominantly cytoplasmic, and is required for peroxisome membrane synthesis. <i>Journal of Cell Biology</i> , 2000 , 148, 931-44	7.3	243
54	Myeloid deletion of SIRT1 induces inflammatory signaling in response to environmental stress. <i>Molecular and Cellular Biology</i> , 2010 , 30, 4712-21	4.8	242
53	SIRT1 and energy metabolism. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013 , 45, 51-60	2.8	199
52	Coordination of an array of signaling proteins through homo- and heteromeric interactions between PDZ domains and target proteins. <i>Journal of Cell Biology</i> , 1998 , 142, 545-55	7.3	198
51	Sirtuin 1 in lipid metabolism and obesity. <i>Annals of Medicine</i> , 2011 , 43, 198-211	1.5	195
50	The dynamin-like GTPase DLP1 is essential for peroxisome division and is recruited to peroxisomes in part by PEX11. <i>Journal of Biological Chemistry</i> , 2003 , 278, 17012-20	5.4	174
49	Elevated microRNA-34a in obesity reduces NAD ⁺ levels and SIRT1 activity by directly targeting NAMPT. <i>Aging Cell</i> , 2013 , 12, 1062-72	9.9	167
48	DYRK1A and DYRK3 promote cell survival through phosphorylation and activation of SIRT1. <i>Journal of Biological Chemistry</i> , 2010 , 285, 13223-32	5.4	167
47	Mammalian sirtuins and energy metabolism. <i>International Journal of Biological Sciences</i> , 2011 , 7, 575-87	11.2	141
46	Deletion of SIRT1 from hepatocytes in mice disrupts lipin-1 signaling and aggravates alcoholic fatty liver. <i>Gastroenterology</i> , 2014 , 146, 801-11	13.3	137
45	PEX11 beta deficiency is lethal and impairs neuronal migration but does not abrogate peroxisome function. <i>Molecular and Cellular Biology</i> , 2002 , 22, 4358-65	4.8	137
44	Inhibitors of COPI and COPII do not block PEX3-mediated peroxisome synthesis. <i>Journal of Cell Biology</i> , 2000 , 149, 1345-60	7.3	135
43	PEX11alpha is required for peroxisome proliferation in response to 4-phenylbutyrate but is dispensable for peroxisome proliferator-activated receptor alpha-mediated peroxisome proliferation. <i>Molecular and Cellular Biology</i> , 2002 , 22, 8226-40	4.8	127
42	PEX11 promotes peroxisome division independently of peroxisome metabolism. <i>Journal of Cell Biology</i> , 2002 , 156, 643-51	7.3	119

41	The ways and means that fine tune Sirt1 activity. <i>Trends in Biochemical Sciences</i> , 2013 , 38, 160-7	10.3	117
40	Regulation of global genome nucleotide excision repair by SIRT1 through xeroderma pigmentosum C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 22623-8	11.5	114
39	SIRT4 represses peroxisome proliferator-activated receptor α activity to suppress hepatic fat oxidation. <i>Molecular and Cellular Biology</i> , 2013 , 33, 4552-61	4.8	111
38	Fasting induces nuclear factor E2-related factor 2 and ATP-binding Cassette transporters via protein kinase A and Sirtuin-1 in mouse and human. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 15-30	8.4	70
37	Leishmania infantum modulates host macrophage mitochondrial metabolism by hijacking the SIRT1-AMPK axis. <i>PLoS Pathogens</i> , 2015 , 11, e1004684	7.6	63
36	Hepatic deletion of SIRT1 decreases hepatocyte nuclear factor κ B and farnesoid X receptor signaling and induces formation of cholesterol gallstones in mice. <i>Molecular and Cellular Biology</i> , 2012 , 32, 1226-36	4.8	63
35	p300-Mediated Lysine 2-Hydroxyisobutyrylation Regulates Glycolysis. <i>Molecular Cell</i> , 2018 , 70, 663-678.e7	17.6	63
34	Cancer-associated Fibroblasts Promote Irradiated Cancer Cell Recovery Through Autophagy. <i>EBioMedicine</i> , 2017 , 17, 45-56	8.8	62
33	Intestinal Epithelial Sirtuin 1 Regulates Intestinal Inflammation During Aging in Mice by Altering the Intestinal Microbiota. <i>Gastroenterology</i> , 2017 , 153, 772-786	13.3	62
32	Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway. <i>Cell Metabolism</i> , 2020 , 31, 564-579.e7	24.6	54
31	Obesity and aging diminish sirtuin 1 (SIRT1)-mediated deacetylation of SIRT3, leading to hyperacetylation and decreased activity and stability of SIRT3. <i>Journal of Biological Chemistry</i> , 2017 , 292, 17312-17323	5.4	54
30	Systemic SIRT1 insufficiency results in disruption of energy homeostasis and steroid hormone metabolism upon high-fat-diet feeding. <i>FASEB Journal</i> , 2012 , 26, 656-67	0.9	46
29	SIRT1-mediated deacetylation of CRABP II regulates cellular retinoic acid signaling and modulates embryonic stem cell differentiation. <i>Molecular Cell</i> , 2014 , 55, 843-855	17.6	44
28	Intestine-specific deletion of SIRT1 in mice impairs DCoH2-HNF-1 β -FXR signaling and alters systemic bile acid homeostasis. <i>Gastroenterology</i> , 2014 , 146, 1006-16	13.3	42
27	Methionine metabolism is essential for SIRT1-regulated mouse embryonic stem cell maintenance and embryonic development. <i>EMBO Journal</i> , 2017 , 36, 3175-3193	13	39
26	Obesity-Linked Phosphorylation of SIRT1 by Casein Kinase 2 Inhibits Its Nuclear Localization and Promotes Fatty Liver. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	30
25	Cysteine transporter SLC3A1 promotes breast cancer tumorigenesis. <i>Theranostics</i> , 2017 , 7, 1036-1046	12.1	29
24	The NAD(+)-dependent protein deacetylase activity of SIRT1 is regulated by its oligomeric status. <i>Scientific Reports</i> , 2012 , 2, 640	4.9	29

23	Haploinsufficiency of SIRT1 Enhances Glutamine Metabolism and Promotes Cancer Development. <i>Current Biology</i> , 2017 , 27, 483-494	6.3	28
22	Sirtuins in Metabolic and Epigenetic Regulation of Stem Cells. <i>Trends in Endocrinology and Metabolism</i> , 2019 , 30, 177-188	8.8	24
21	CDSeq: A novel complete deconvolution method for dissecting heterogeneous samples using gene expression data. <i>PLoS Computational Biology</i> , 2019 , 15, e1007510	5	18
20	HNF4 α regulates sulfur amino acid metabolism and confers sensitivity to methionine restriction in liver cancer. <i>Nature Communications</i> , 2020 , 11, 3978	17.4	15
19	SIRT1 performs a balancing act on the tight-rope toward longevity. <i>Aging</i> , 2009 , 1, 669-73	5.6	13
18	Glypican 6 is a putative biomarker for metastatic progression of cutaneous melanoma. <i>PLoS ONE</i> , 2019 , 14, e0218067	3.7	12
17	Surprising sirtuin crosstalk in the heart. <i>Aging</i> , 2010 , 2, 129-32	5.6	12
16	Trending topics of SIRT1 in tumorigenicity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021 , 1865, 129952	4	11
15	RBMS1 regulates lung cancer ferroptosis through translational control of SLC7A11. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	10
14	Histone crotonylation promotes mesoendodermal commitment of human embryonic stem cells. <i>Cell Stem Cell</i> , 2021 , 28, 748-763.e7	18	10
13	MiR-29 Regulates Lipogenesis in the Liver and Circulating Triglyceride Levels in a Sirt1-Dependent Manner. <i>Frontiers in Physiology</i> , 2019 , 10, 1367	4.6	9
12	Predicting tumor response to drugs based on gene-expression biomarkers of sensitivity learned from cancer cell lines. <i>BMC Genomics</i> , 2021 , 22, 272	4.5	8
11	Reversal of diet-induced hepatic steatosis by peripheral CB1 receptor blockade in mice is p53/miRNA-22/SIRT1/PPAR α -dependent. <i>Molecular Metabolism</i> , 2020 , 42, 101087	8.8	7
10	SRSF1 inhibits autophagy through regulating Bcl-x splicing and interacting with PIK3C3 in lung cancer. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 108	21	7
9	The phosphorylation status of T522 modulates tissue-specific functions of SIRT1 in energy metabolism in mice. <i>EMBO Reports</i> , 2017 , 18, 841-857	6.5	6
8	SIRT1 regulates sphingolipid metabolism and neural differentiation of mouse embryonic stem cells through c-Myc-SMPDL3B. <i>ELife</i> , 2021 , 10,	8.9	5
7	Dietary Methionine in T Cell Biology and Autoimmune Disease. <i>Cell Metabolism</i> , 2020 , 31, 211-212	24.6	4
6	Modeling and Predicting the Activities of Trans-Acting Splicing Factors with Machine Learning. <i>Cell Systems</i> , 2018 , 7, 510-520.e4	10.6	3

5	Aging exaggerates acute-on-chronic alcohol-induced liver injury in mice and humans by inhibiting neutrophilic sirtuin 1-C/EBP β -miRNA-223 axis. <i>Hepatology</i> , 2021 ,	11.2	3
4	Myeloid ikaros-SIRT1 signaling axis regulates hepatic inflammation and pyroptosis in ischemia-stressed mouse and human liver. <i>Journal of Hepatology</i> , 2021 ,	13.4	2
3	Sirtuins in metabolic and epigenetic regulation of stem cells 2021 , 25-37		2
2	Dietary methionine restriction impairs anti-tumor immunity through gut microbiota		2
1	A simple, efficient, and reliable endoderm differentiation protocol for human embryonic stem cells using crotonate. <i>STAR Protocols</i> , 2021 , 2, 100659	1.4	0