

# Xiaoling Li

## List of Publications by Year in descending order

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63  
papers

6,985  
citations

87888

38  
h-index

118850

62  
g-index

68  
all docs

68  
docs citations

68  
times ranked

9325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hepatocyte-Specific Deletion of SIRT1 Alters Fatty Acid Metabolism and Results in Hepatic Steatosis and Inflammation. <i>Cell Metabolism</i> , 2009, 9, 327-338.	16.2	965
2	SIRT1 Deacetylates and Positively Regulates the Nuclear Receptor LXR. <i>Molecular Cell</i> , 2007, 28, 91-106.	9.7	576
3	Conserved role of SIRT1 orthologs in fasting-dependent inhibition of the lipid/cholesterol regulator SREBP. <i>Genes and Development</i> , 2010, 24, 1403-1417.	5.9	303
4	Myeloid Deletion of SIRT1 Induces Inflammatory Signaling in Response to Environmental Stress. <i>Molecular and Cellular Biology</i> , 2010, 30, 4712-4721.	2.3	281
5	Pex19 Binds Multiple Peroxisomal Membrane Proteins, Is Predominantly Cytoplasmic, and Is Required for Peroxisome Membrane Synthesis. <i>Journal of Cell Biology</i> , 2000, 148, 931-944.	5.2	270
6	SIRT1 and energy metabolism. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 51-60.	2.0	263
7	Sirtuin 1 in lipid metabolism and obesity. <i>Annals of Medicine</i> , 2011, 43, 198-211.	3.8	241
8	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, 545-555.	5.2	219
9	DYRK1A and DYRK3 Promote Cell Survival through Phosphorylation and Activation of SIRT1. <i>Journal of Biological Chemistry</i> , 2010, 285, 13223-13232.	3.4	210
10	Elevated microRNA-34a in obesity reduces NAD <sup>+</sup> levels and SIRT1 activity by directly targeting NAMPT. <i>Aging Cell</i> , 2013, 12, 1062-1072.	6.7	210
11	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, 17012-17020.	3.4	198
12	Mammalian Sirtuins and Energy Metabolism. <i>International Journal of Biological Sciences</i> , 2011, 7, 575-587.	6.4	169
13	Deletion of SIRT1 From Hepatocytes in Mice Disrupts Lipin-1 Signaling and Aggravates Alcoholic Fatty Liver. <i>Gastroenterology</i> , 2014, 146, 801-811.	1.3	167
14	PEX11 <sup>Δ2</sup> Deficiency Is Lethal and Impairs Neuronal Migration but Does Not Abrogate Peroxisome Function. <i>Molecular and Cellular Biology</i> , 2002, 22, 4358-4365.	2.3	158
15	PEX11 <sup>Δ±</sup> 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, 8226-8240.	2.3	149
16	Inhibitors of CopI and CopII Do Not Block PEX3-Mediated Peroxisome Synthesis. <i>Journal of Cell Biology</i> , 2000, 149, 1345-1360.	5.2	145
17	The ways and means that fine tune Sirt1 activity. <i>Trends in Biochemical Sciences</i> , 2013, 38, 160-167.	7.5	139
18	PEX11 promotes peroxisome division independently of peroxisome metabolism. <i>Journal of Cell Biology</i> , 2002, 156, 643-651.	5.2	137

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19	SIRT4 Represses Peroxisome Proliferator-Activated Receptor $\alpha$ Activity To Suppress Hepatic Fat Oxidation. <i>Molecular and Cellular Biology</i> , 2013, 33, 4552-4561.	2.3	132
20	Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway. <i>Cell Metabolism</i> , 2020, 31, 564-579.e7.	16.2	130
21	p300-Mediated Lysine 2-Hydroxyisobutyrylation Regulates Glycolysis. <i>Molecular Cell</i> , 2018, 70, 663-678.e6.	9.7	126
22	Intestinal Epithelial Sirtuin 1 Regulates Intestinal Inflammation During Aging in Mice by Altering the Intestinal Microbiota. <i>Gastroenterology</i> , 2017, 153, 772-786.	1.3	123
23	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, 22623-22628.	7.1	122
24	Cancer-associated Fibroblasts Promote Irradiated Cancer Cell Recovery Through Autophagy. <i>EBioMedicine</i> , 2017, 17, 45-56.	6.1	103
25	RBMS1 regulates lung cancer ferroptosis through translational control of SLC7A11. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	103
26	Leishmania infantum Modulates Host Macrophage Mitochondrial Metabolism by Hijacking the SIRT1-AMPK Axis. <i>PLoS Pathogens</i> , 2015, 11, e1004684.	4.7	96
27	Fasting Induces Nuclear Factor E2-Related Factor 2 and ATP-Binding Cassette Transporters <i>via</i> Protein Kinase A and Sirtuin-1 in Mouse and Human. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 15-30.	5.4	88
28	Hepatic Deletion of SIRT1 Decreases Hepatocyte Nuclear Factor 1 $\alpha$ /Farnesoid X Receptor Signaling and Induces Formation of Cholesterol Gallstones in Mice. <i>Molecular and Cellular Biology</i> , 2012, 32, 1226-1236.	2.3	75
29	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.	3.4	75
30	HNF4 $\alpha$ regulates sulfur amino acid metabolism and confers sensitivity to methionine restriction in liver cancer. <i>Nature Communications</i> , 2020, 11, 3978.	12.8	73
31	Methionine metabolism is essential for SIRT1-regulated mouse embryonic stem cell maintenance and embryonic development. <i>EMBO Journal</i> , 2017, 36, 3175-3193.	7.8	71
32	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.	9.7	60
33	Haploinsufficiency of SIRT1 Enhances Glutamine Metabolism and Promotes Cancer Development. <i>Current Biology</i> , 2017, 27, 483-494.	3.9	59
34	Histone crotonylation promotes mesoendodermal commitment of human embryonic stem cells. <i>Cell Stem Cell</i> , 2021, 28, 748-763.e7.	11.1	59
35	Intestine-Specific Deletion of SIRT1 in Mice Impairs DCoH2 $\alpha$ -HNF-1 $\alpha$ -FXR Signaling and Alters Systemic Bile Acid Homeostasis. <i>Gastroenterology</i> , 2014, 146, 1006-1016.	1.3	57
36	Systemic SIRT1 insufficiency results in disruption of energy homeostasis and steroid hormone metabolism upon high-fat diet feeding. <i>FASEB Journal</i> , 2012, 26, 656-667.	0.5	52

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37	Cysteine transporter SLC3A1 promotes breast cancer tumorigenesis. <i>Theranostics</i> , 2017, 7, 1036-1046.	10.0	50
38	Sirtuins in Metabolic and Epigenetic Regulation of Stem Cells. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 177-188.	7.1	47
39	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.	17.1	44
40	Myeloid Ikaros SIRT1 signaling axis regulates hepatic inflammation and pyroptosis in ischemia-stressed mouse and human liver. <i>Journal of Hepatology</i> , 2022, 76, 896-909.	3.7	43
41	CDSeq: A novel complete deconvolution method for dissecting heterogeneous samples using gene expression data. <i>PLoS Computational Biology</i> , 2019, 15, e1007510.	3.2	42
42	The NAD <sup>+</sup> -dependent protein deacetylase activity of SIRT1 is regulated by its oligomeric status. <i>Scientific Reports</i> , 2012, 2, 640.	3.3	38
43	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, .	2.3	37
44	Trending topics of SIRT1 in tumorigenicity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129952.	2.4	34
45	Aging exaggerates acute to chronic alcohol-induced liver injury in mice and humans by inhibiting neutrophilic sirtuin 1 EBP1 miRNA223 axis. <i>Hepatology</i> , 2022, 75, 646-660.	7.3	29
46	Predicting tumor response to drugs based on gene-expression biomarkers of sensitivity learned from cancer cell lines. <i>BMC Genomics</i> , 2021, 22, 272.	2.8	25
47	Reversal of diet-induced hepatic steatosis by peripheral CB1 receptor blockade in mice is p53/miRNA-22/SIRT1/PPAR $\alpha$ dependent. <i>Molecular Metabolism</i> , 2020, 42, 101087.	6.5	23
48	SIRT1 regulates sphingolipid metabolism and neural differentiation of mouse embryonic stem cells through c-Myc-SMPDL3B. <i>ELife</i> , 2021, 10, .	6.0	22
49	SIRT1 performs a balancing act on the tight-rope toward longevity. <i>Aging</i> , 2009, 1, 669-673.	3.1	18
50	Glypican 6 is a putative biomarker for metastatic progression of cutaneous melanoma. <i>PLoS ONE</i> , 2019, 14, e0218067.	2.5	14
51	Surprising sirtuin crosstalk in the heart. <i>Aging</i> , 2010, 2, 129-132.	3.1	13
52	MiR-29 Regulates de novo Lipogenesis in the Liver and Circulating Triglyceride Levels in a Sirt1-Dependent Manner. <i>Frontiers in Physiology</i> , 2019, 10, 1367.	2.8	12
53	Intestinal epithelial glucocorticoid receptor promotes chronic inflammation-associated colorectal cancer. <i>JCI Insight</i> , 2021, 6, .	5.0	9
54	Uterine-specific SIRT1 deficiency confers premature uterine aging and impairs invasion and spacing of blastocyst, and stromal cell decidualization, in mice. <i>Molecular Human Reproduction</i> , 2022, 28, .	2.8	9

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55	Modeling and Predicting the Activities of Trans-Acting Splicing Factors with Machine Learning. Cell Systems, 2018, 7, 510-520.e4.	6.2	8
56	Dietary Methionine in T Cell Biology and Autoimmune Disease. Cell Metabolism, 2020, 31, 211-212.	16.2	8
57	The phosphorylation status of T522 modulates tissue-specific functions of SIRT1 in energy metabolism in mice. EMBO Reports, 2017, 18, 841-857.	4.5	7
58	A simple, efficient, and reliable endoderm differentiation protocol for human embryonic stem cells using crotonate. STAR Protocols, 2021, 2, 100659.	1.2	5
59	Metabolic and epigenetic regulation of endoderm differentiation. Trends in Cell Biology, 2022, 32, 151-164.	7.9	4
60	Regulation of the Intestinal Extra-Adrenal Steroidogenic Pathway Component LRH-1 by Glucocorticoids in Ulcerative Colitis. Cells, 2022, 11, 1905.	4.1	3
61	Sirtuins in metabolic and epigenetic regulation of stem cells. , 2021, , 25-37.		2
62	SIRT1 regulates cardiomyocyte alignment during maturation. Journal of Cell Science, 2022, 135, .	2.0	2
63	Bacteria boost host NAD metabolism. Aging, 2020, 12, 23425-23426.	3.1	0