

Xiaoling Li

List of Publications by Year in Descending Order

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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	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
57	RBMS1 regulates lung cancer ferroptosis through translational control of SLC7A11. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	10
56	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
55	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
54	Histone crotonylation promotes mesoendodermal commitment of human embryonic stem cells. <i>Cell Stem Cell</i> , 2021 , 28, 748-763.e7	18	10
53	SIRT1 regulates sphingolipid metabolism and neural differentiation of mouse embryonic stem cells through c-Myc-SMPDL3B. <i>ELife</i> , 2021 , 10,	8.9	5
52	Sirtuins in metabolic and epigenetic regulation of stem cells 2021 , 25-37		2
51	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
50	Trending topics of SIRT1 in tumorigenicity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021 , 1865, 129952	4	11
49	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
48	Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway. <i>Cell Metabolism</i> , 2020 , 31, 564-579.e7	24.6	54
47	Dietary Methionine in T Cell Biology and Autoimmune Disease. <i>Cell Metabolism</i> , 2020 , 31, 211-212	24.6	4
46	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
45	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
44	Glypican 6 is a putative biomarker for metastatic progression of cutaneous melanoma. <i>PLoS ONE</i> , 2019 , 14, e0218067	3.7	12
43	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
42	CDSeq: A novel complete deconvolution method for dissecting heterogeneous samples using gene expression data. <i>PLoS Computational Biology</i> , 2019 , 15, e1007510	5	18

41	Sirtuins in Metabolic and Epigenetic Regulation of Stem Cells. <i>Trends in Endocrinology and Metabolism</i> , 2019 , 30, 177-188	8.8	24
40	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
39	p300-Mediated Lysine 2-Hydroxyisobutyrylation Regulates Glycolysis. <i>Molecular Cell</i> , 2018 , 70, 663-678.e6	10.6	63
38	Haploinsufficiency of SIRT1 Enhances Glutamine Metabolism and Promotes Cancer Development. <i>Current Biology</i> , 2017 , 27, 483-494	6.3	28
37	Cancer-associated Fibroblasts Promote Irradiated Cancer Cell Recovery Through Autophagy. <i>EBioMedicine</i> , 2017 , 17, 45-56	8.8	62
36	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
35	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
34	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
33	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
32	Cysteine transporter SLC3A1 promotes breast cancer tumorigenesis. <i>Theranostics</i> , 2017 , 7, 1036-1046	12.1	29
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	Leishmania infantum modulates host macrophage mitochondrial metabolism by hijacking the SIRT1-AMPK axis. <i>PLoS Pathogens</i> , 2015 , 11, e1004684	7.6	63
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	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
26	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
25	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
24	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

23	SIRT1 and energy metabolism. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013 , 45, 51-60	2.8	199
22	The ways and means that fine tune Sirt1 activity. <i>Trends in Biochemical Sciences</i> , 2013 , 38, 160-7	10.3	117
21	The NAD(+)-dependent protein deacetylase activity of SIRT1 is regulated by its oligomeric status. <i>Scientific Reports</i> , 2012 , 2, 640	4.9	29
20	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
19	Hepatic deletion of SIRT1 decreases hepatocyte nuclear factor 1 α /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
18	Mammalian sirtuins and energy metabolism. <i>International Journal of Biological Sciences</i> , 2011 , 7, 575-87	11.2	141
17	Sirtuin 1 in lipid metabolism and obesity. <i>Annals of Medicine</i> , 2011 , 43, 198-211	1.5	195
16	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
15	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
14	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
13	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
12	Surprising sirtuin crosstalk in the heart. <i>Aging</i> , 2010 , 2, 129-32	5.6	12
11	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
10	SIRT1 performs a balancing act on the tight-rope toward longevity. <i>Aging</i> , 2009 , 1, 669-73	5.6	13
9	SIRT1 deacetylates and positively regulates the nuclear receptor LXR. <i>Molecular Cell</i> , 2007 , 28, 91-106	17.6	512
8	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
7	PEX11 promotes peroxisome division independently of peroxisome metabolism. <i>Journal of Cell Biology</i> , 2002 , 156, 643-51	7.3	119
6	PEX11 α is required for peroxisome proliferation in response to 4-phenylbutyrate but is dispensable for peroxisome proliferator-activated receptor α -mediated peroxisome proliferation. <i>Molecular and Cellular Biology</i> , 2002 , 22, 8226-40	4.8	127

5	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
4	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
3	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
2	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
1	Dietary methionine restriction impairs anti-tumor immunity through gut microbiota		2