# 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 | Aging exaggerates acuteâ€onâ€chronic alcoholâ€induced liver injury in mice and humans by inhibiting neutrophilic sirtuin 1â€C/EBPÎ±â€miRNAâ€223 axis. Hepatology, 2022, 75, 646-660. | 7.3 | 29 |
| 2 | Metabolic and epigenetic regulation of endoderm differentiation. Trends in Cell Biology, 2022, 32, 151-164. | 7.9 | 4 |
| 3 | Myeloid Ikarosâ€"SIRT1 signaling axis regulates hepatic inflammation and pyroptosis in ischemia-stressed mouse and human liver. Journal of Hepatology, 2022, 76, 896-909. | 3.7 | 43 |
| 4 | SIRT1 regulates cardiomyocyte alignment during maturation. Journal of Cell Science, 2022, 135, . | 2.0 | 2 |
| 5 | Uterine-specific SIRT1 deficiency confers premature uterine aging and impairs invasion and spacing of blastocyst, and stromal cell decidualization, in mice. Molecular Human Reproduction, 2022, 28, . | 2.8 | 9 |
| 6 | Regulation of the Intestinal Extra-Adrenal Steroidogenic Pathway Component LRH-1 by Glucocorticoids in Ulcerative Colitis. Cells, 2022, 11, 1905. | 4.1 | 3 |
| 7 | Sirtuins in metabolic and epigenetic regulation of stem cells. , 2021, , 25-37. |  | 2 |
| 8 | SRSF1 inhibits autophagy through regulating Bcl-x splicing and interacting with PIK3C3 in lung cancer. Signal Transduction and Targeted Therapy, 2021, 6, 108. | 17.1 | 44 |
| 9 | Predicting tumor response to drugs based on gene-expression biomarkers of sensitivity learned from cancer cell lines. BMC Genomics, 2021, 22, 272. | 2.8 | 25 |
| 10 | Histone crotonylation promotes mesoendodermal commitment of human embryonic stem cells. Cell Stem Cell, 2021, 28, 748-763.e7. | 11.1 | 59 |
| 11 | SIRT1 regulates sphingolipid metabolism and neural differentiation of mouse embryonic stem cells through c-Myc-SMPDL3B. ELife, 2021, 10, . | 6.0 | 22 |
| 12 | Trending topics of SIRT1 in tumorigenicity. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129952. | 2.4 | 34 |
| 13 | A simple, efficient, and reliable endoderm differentiation protocol for human embryonic stem cells using crotonate. STAR Protocols, 2021, 2, 100659. | 1.2 | 5 |
| 14 | RBMS1 regulates lung cancer ferroptosis through translational control of SLC7A11. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 103 |
| 15 | Intestinal epithelial glucocorticoid receptor promotes chronic inflammationâ€"associated colorectal cancer. JCI Insight, 2021, 6, . | 5.0 | 9 |
| 16 | Reversal of diet-induced hepatic steatosis by peripheral CB1 receptor blockade in mice is p53/miRNA-22/SIRT1/PPARÎ± dependent. Molecular Metabolism, 2020, 42, 101087. | 6.5 | 23 |
| 17 | HNF4Î± regulates sulfur amino acid metabolism and confers sensitivity to methionine restriction in liver cancer. Nature Communications, 2020, 11, 3978. | 12.8 | 73 |
| 18 | Bacteria Boost Mammalian Host NAD Metabolism by Engaging the Deamidated Biosynthesis Pathway. Cell Metabolism, 2020, 31, 564-579.e7. | 16.2 | 130 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Dietary Methionine in T Cell Biology and Autoimmune Disease. Cell Metabolism, 2020, 31, 211-212. | 16.2 | 8 |
| 20 | Bacteria boost host NAD metabolism. Aging, 2020, 12, 23425-23426. | 3.1 | 0 |
| 21 | Glypican 6 is a putative biomarker for metastatic progression of cutaneous melanoma. PLoS ONE, 2019, 14, e0218067. | 2.5 | 14 |
| 22 | MiR-29 Regulates de novo Lipogenesis in the Liver and Circulating Triglyceride Levels in a Sirt1-Dependent Manner. Frontiers in Physiology, 2019, 10, 1367. | 2.8 | 12 |
| 23 | CDSeq: A novel complete deconvolution method for dissecting heterogeneous samples using gene expression data. PLoS Computational Biology, 2019, 15, e1007510. | 3.2 | 42 |
| 24 | Sirtuins in Metabolic and Epigenetic Regulation of Stem Cells. Trends in Endocrinology and Metabolism, 2019, 30, 177-188. | 7.1 | 47 |
| 25 | Modeling and Predicting the Activities of Trans-Acting Splicing Factors with Machine Learning. Cell Systems, 2018, 7, 510-520.e4. | 6.2 | 8 |
| 26 | p300-Mediated Lysine 2-Hydroxyisobutyrylation Regulates Glycolysis. Molecular Cell, 2018, 70, 663-678.e6. | 9.7 | 126 |
| 27 | Haploinsufficiency of SIRT1 Enhances Glutamine Metabolism and Promotes Cancer Development. Current Biology, 2017, 27, 483-494. | 3.9 | 59 |
| 28 | Cancer-associated Fibroblasts Promote Irradiated Cancer Cell Recovery Through Autophagy. EBioMedicine, 2017, 17, 45-56. | 6.1 | 103 |
| 29 | Obesity-Linked Phosphorylation of SIRT1 by Casein Kinase 2 Inhibits Its Nuclear Localization and Promotes Fatty Liver. Molecular and Cellular Biology, 2017, 37, . | 2.3 | 37 |
| 30 | Intestinal Epithelial Sirtuin 1 Regulates Intestinal Inflammation During Aging in Mice by Altering the Intestinal Microbiota. Gastroenterology, 2017, 153, 772-786. | 1.3 | 123 |
| 31 | The phosphorylation status of T522 modulates tissueâ€specific functions of <scp>SIRT</scp> 1 in energy metabolism in mice. EMBO Reports, 2017, 18, 841-857. | 4.5 | 7 |
| 32 | Methionine metabolism is essential for <scp>SIRT</scp> 1â€regulated mouse embryonic stem cell maintenance and embryonic development. EMBO Journal, 2017, 36, 3175-3193. | 7.8 | 71 |
| 33 | Obesity and aging diminish sirtuin 1 (SIRT1)-mediated deacetylation of SIRT3, leading to hyperacetylation and decreased activity and stability of SIRT3. Journal of Biological Chemistry, 2017, 292, 17312-17323. | 3.4 | 75 |
| 34 | Cysteine transporter SLC3A1 promotes breast cancer tumorigenesis. Theranostics, 2017, 7, 1036-1046. | 10.0 | 50 |
| 35 | Leishmania infantum Modulates Host Macrophage Mitochondrial Metabolism by Hijacking the SIRT1-AMPK Axis. PLoS Pathogens, 2015, 11, e1004684. | 4.7 | 96 |
| 36 | Deletion of SIRT1 From Hepatocytes in Mice Disrupts Lipin-1 Signaling and Aggravates Alcoholic Fatty Liver. Gastroenterology, 2014, 146, 801-811. | 1.3 | 167 |

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|---|---|---|---|
| 37 | SIRT1-Mediated Deacetylation of CRABPII Regulates Cellular Retinoic Acid Signaling and Modulates Embryonic Stem Cell Differentiation. Molecular Cell, 2014, 55, 843-855. | 9.7 | 60 |
| 38 | Intestine-Specific Deletion of SIRT1 in Mice Impairs DCoH2â€“HNF-1Î±â€“FXR Signaling and Alters Systemic Bile Acid Homeostasis. Gastroenterology, 2014, 146, 1006-1016. | 1.3 | 57 |
| 39 | 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. Antioxidants and Redox Signaling, 2014, 20, 15-30. | 5.4 | 88 |
| 40 | Elevated micro<scp>RNA</scp>â€•34a in obesity reduces <scp>NAD</scp><sup>+</sup> levels and <scp>SIRT</scp>1 activity by directly targeting <scp>NAMPT</scp>. Aging Cell, 2013, 12, 1062-1072. | 6.7 | 210 |
| 41 | SIRT4 Represses Peroxisome Proliferator-Activated Receptor Î± Activity To Suppress Hepatic Fat Oxidation. Molecular and Cellular Biology, 2013, 33, 4552-4561. | 2.3 | 132 |
| 42 | SIRT1 and energy metabolism. Acta Biochimica Et Biophysica Sinica, 2013, 45, 51-60. | 2.0 | 263 |
| 43 | The ways and means that fine tune Sirt1 activity. Trends in Biochemical Sciences, 2013, 38, 160-167. | 7.5 | 139 |
| 44 | The NAD+-dependent protein deacetylase activity of SIRT1 is regulated by its oligomeric status. Scientific Reports, 2012, 2, 640. | 3.3 | 38 |
| 45 | Systemic SIRT1 insufficiency results in disruption of energy homeostasis and steroid hormone metabolism upon highâ€•fatâ€•diet feeding. FASEB Journal, 2012, 26, 656-667. | 0.5 | 52 |
| 46 | Hepatic Deletion of SIRT1 Decreases Hepatocyte Nuclear Factor 1<i>Î±</i>/Farnesoid X Receptor Signaling and Induces Formation of Cholesterol Gallstones in Mice. Molecular and Cellular Biology, 2012, 32, 1226-1236. | 2.3 | 75 |
| 47 | Sirtuin 1 in lipid metabolism and obesity. Annals of Medicine, 2011, 43, 198-211. | 3.8 | 241 |
| 48 | Mammalian Sirtuins and Energy Metabolism. International Journal of Biological Sciences, 2011, 7, 575-587. | 6.4 | 169 |
| 49 | DYRK1A and DYRK3 Promote Cell Survival through Phosphorylation and Activation of SIRT1. Journal of Biological Chemistry, 2010, 285, 13223-13232. | 3.4 | 210 |
| 50 | Conserved role of SIRT1 orthologs in fasting-dependent inhibition of the lipid/cholesterol regulator SREBP. Genes and Development, 2010, 24, 1403-1417. | 5.9 | 303 |
| 51 | Regulation of global genome nucleotide excision repair by SIRT1 through xeroderma pigmentosum C. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22623-22628. | 7.1 | 122 |
| 52 | Myeloid Deletion of SIRT1 Induces Inflammatory Signaling in Response to Environmental Stress. Molecular and Cellular Biology, 2010, 30, 4712-4721. | 2.3 | 281 |
| 53 | Surprising sirtuin crosstalk in the heart. Aging, 2010, 2, 129-132. | 3.1 | 13 |
| 54 | Hepatocyte-Specific Deletion of SIRT1 Alters Fatty Acid Metabolism and Results in Hepatic Steatosis and Inflammation. Cell Metabolism, 2009, 9, 327-338. | 16.2 | 965 |

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|---|---|---|---|
| 55 | SIRT1 performs a balancing act on the tight-rope toward longevity. Aging, 2009, 1, 669-673. | 3.1 | 18 |
| 56 | SIRT1 Deacetylates and Positively Regulates the Nuclear Receptor LXR. Molecular Cell, 2007, 28, 91-106. | 9.7 | 576 |
| 57 | The Dynamin-like GTPase DLP1 Is Essential for Peroxisome Division and Is Recruited to Peroxisomes in Part by PEX11. Journal of Biological Chemistry, 2003, 278, 17012-17020. | 3.4 | 198 |
| 58 | PEX11 promotes peroxisome division independently of peroxisome metabolism. Journal of Cell Biology, 2002, 156, 643-651. | 5.2 | 137 |
| 59 | PEX11Î± Is Required for Peroxisome Proliferation in Response to 4-Phenylbutyrate but Is Dispensable for Peroxisome Proliferator-Activated Receptor Alpha-Mediated Peroxisome Proliferation. Molecular and Cellular Biology, 2002, 22, 8226-8240. | 2.3 | 149 |
| 60 | PEX11Î² Deficiency Is Lethal and Impairs Neuronal Migration but Does Not Abrogate Peroxisome Function. Molecular and Cellular Biology, 2002, 22, 4358-4365. | 2.3 | 158 |
| 61 | Inhibitors of Copi and Copii Do Not Block PEX3-Mediated Peroxisome Synthesis. Journal of Cell Biology, 2000, 149, 1345-1360. | 5.2 | 145 |
| 62 | Pex19 Binds Multiple Peroxisomal Membrane Proteins, Is Predominantly Cytoplasmic, and Is Required for Peroxisome Membrane Synthesis. Journal of Cell Biology, 2000, 148, 931-944. | 5.2 | 270 |
| 63 | Coordination of an Array of Signaling Proteins through Homo- and Heteromeric Interactions Between PDZ Domains and Target Proteins. Journal of Cell Biology, 1998, 142, 545-555. | 5.2 | 219 |