

# Lei Li

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

2,967  
citations

236925

25  
h-index

276875

41  
g-index

45  
all docs

45  
docs citations

45  
times ranked

3995  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal control of early mouse development. <i>Development (Cambridge)</i> , 2010, 137, 859-870.	2.5	374
2	Dnmt2 mediates intergenerational transmission of paternally acquired metabolic disorders through sperm small non-coding RNAs. <i>Nature Cell Biology</i> , 2018, 20, 535-540.	10.3	302
3	A Subcortical Maternal Complex Essential for Preimplantation Mouse Embryogenesis. <i>Developmental Cell</i> , 2008, 15, 416-425.	7.0	242
4	The maternal to zygotic transition in mammals. <i>Molecular Aspects of Medicine</i> , 2013, 34, 919-938.	6.4	188
5	WASH inhibits autophagy through suppression of Beclin 1 ubiquitination. <i>EMBO Journal</i> , 2013, 32, 2685-2696.	7.8	167
6	Dynamic epigenomic landscapes during early lineage specification in mouse embryos. <i>Nature Genetics</i> , 2018, 50, 96-105.	21.4	164
7	In vitro culture of cynomolgus monkey embryos beyond early gastrulation. <i>Science</i> , 2019, 366, .	12.6	149
8	Maternally derived FILIA-MATER complex localizes asymmetrically in cleavage-stage mouse embryos. <i>Development (Cambridge)</i> , 2008, 135, 259-269.	2.5	102
9	The subcortical maternal complex controls symmetric division of mouse zygotes by regulating F-actin dynamics. <i>Nature Communications</i> , 2014, 5, 4887.	12.8	102
10	Notch Signaling Is Involved in Ovarian Follicle Development by Regulating Granulosa Cell Proliferation. <i>Endocrinology</i> , 2011, 152, 2437-2447.	2.8	85
11	BTG4 is a key regulator for maternal mRNA clearance during mouse early embryogenesis. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 366-368.	3.3	85
12	Testosterone Induces Redistribution of Forkhead Box-3a and Down-Regulation of Growth and Differentiation Factor 9 Messenger Ribonucleic Acid Expression at Early Stage of Mouse Folliculogenesis. <i>Endocrinology</i> , 2010, 151, 774-782.	2.8	83
13	Identification of a human subcortical maternal complex. <i>Molecular Human Reproduction</i> , 2015, 21, 320-329.	2.8	75
14	A Maternal Functional Module in the Mammalian Oocyte-To-Embryo Transition. <i>Trends in Molecular Medicine</i> , 2017, 23, 1014-1023.	6.7	74
15	Epigenomic analysis of gastrulation identifies a unique chromatin state for primed pluripotency. <i>Nature Genetics</i> , 2020, 52, 95-105.	21.4	69
16	Uterine Rbpj is required for embryonic-uterine orientation and decidual remodeling via Notch pathway-independent and -dependent mechanisms. <i>Cell Research</i> , 2014, 24, 925-942.	12.0	68
17	<i>Mettl14</i> is required for mouse postimplantation development by facilitating epiblast maturation. <i>FASEB Journal</i> , 2019, 33, 1179-1187.	0.5	60
18	Ultrasensitive Ribo-seq reveals translational landscapes during mammalian oocyte-to-embryo transition and pre-implantation development. <i>Nature Cell Biology</i> , 2022, 24, 968-980.	10.3	57

#	ARTICLE	IF	CITATIONS
19	BCAS2 is involved in alternative mRNA splicing in spermatogonia and the transition to meiosis. <i>Nature Communications</i> , 2017, 8, 14182.	12.8	53
20	Formative pluripotent stem cells show features of epiblast cells poised for gastrulation. <i>Cell Research</i> , 2021, 31, 526-541.	12.0	53
21	Integral Proteomic Analysis of Blastocysts Reveals Key Molecular Machinery Governing Embryonic Diapause and Reactivation for Implantation in Mice1. <i>Biology of Reproduction</i> , 2014, 90, 52.	2.7	48
22	Wnt/ $\beta$ -catenin signaling regulates follicular development by modulating the expression of Foxo3a signaling components. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 915-925.	3.2	48
23	Filia Is an ESC-Specific Regulator of DNA Damage Response and Safeguards Genomic Stability. <i>Cell Stem Cell</i> , 2015, 16, 684-698.	11.1	46
24	Maternal BCAS2 protects genomic integrity in mouse early embryonic development. <i>Development (Cambridge)</i> , 2015, 142, 3943-53.	2.5	35
25	Inhibin A inhibits follicle-stimulating hormone (FSH) action by suppressing its receptor expression in cultured rat granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2009, 298, 48-56.	3.2	34
26	Zbed3 participates in the subcortical maternal complex and regulates the distribution of organelles. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 74-88.	3.3	29
27	Retinoic acid promotes metabolic maturation of human Embryonic Stem Cell-derived Cardiomyocytes. <i>Theranostics</i> , 2020, 10, 9686-9701.	10.0	24
28	MicroRNA-127 Promotes Mesendoderm Differentiation of Mouse Embryonic Stem Cells by Targeting Left-Right Determination Factor 2. <i>Journal of Biological Chemistry</i> , 2016, 291, 12126-12135.	3.4	23
29	The subcortical maternal complex protein Nlrp4f is involved in cytoplasmic lattice formation and organelle distribution. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	22
30	The roles of ERAS during cell lineage specification of mouse early embryonic development. <i>Open Biology</i> , 2015, 5, 150092.	3.6	21
31	ERK inhibition promotes neuroectodermal precursor commitment by blocking self-renewal and primitive streak formation of the epiblast. <i>Stem Cell Research and Therapy</i> , 2018, 9, 2.	5.5	15
32	The N-terminus of FILIA Forms an Atypical KH Domain with a Unique Extension Involved in Interaction with RNA. <i>PLoS ONE</i> , 2012, 7, e30209.	2.5	14
33	Cytoplasmic aggregation of DDX1 in developing embryos: Early embryonic lethality associated with Ddx1 knockout. <i>Developmental Biology</i> , 2019, 455, 420-433.	2.0	12
34	Trp-Asp (WD) Repeat Domain 1 Is Essential for Mouse Peri-implantation Development and Regulates Cofilin Phosphorylation. <i>Journal of Biological Chemistry</i> , 2017, 292, 1438-1448.	3.4	10
35	Putting Stem Cells on a Low-Fat Diet Switches Their Pluripotent State. <i>Cell Stem Cell</i> , 2019, 25, 3-5.	11.1	7
36	Whole-transcriptome splicing profiling of E7.5 mouse primary germ layers reveals frequent alternative promoter usage during mouse early embryogenesis. <i>Biology Open</i> , 2018, 7, .	1.2	6

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37	BCAS2 is involved in alternative splicing and mouse oocyte development. FASEB Journal, 2022, 36, e22128.	0.5	5
38	DDX1 vesicles control calcium-dependent mitochondrial activity in mouse embryos. Nature Communications, 2022, 13, .	12.8	5
39	Stabilizing Formative Pluripotent States with Germ Cell Competency. Cell Stem Cell, 2021, 28, 361-363.	11.1	4
40	Comments on "In vitro culture of cynomolgus monkey embryos beyond early gastrulation". Journal of Molecular Cell Biology, 2020, 12, 400-402.	3.3	3
41	Cnot8 eliminates naïve regulation networks and is essential for naïve-to-formative pluripotency transition. Nucleic Acids Research, 2022, , .	14.5	1
42	In vitro investigation of mammalian peri-implantation embryogenesis. Biology of Reproduction, 2022, , .	2.7	0