Lei Li

List of Publications by Year
in descending order

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	In vitro investigation of mammalian peri-implantation embryogenesis. Biology of Reproduction, 2022, , .	2.7	0
2	Cnot8 eliminates naÃ¨ve regulation networks and is essential for naÃ¨ve-to-formative pluripotency transition. Nucleic Acids Research, 2022, , .	14.5	1
3	BCAS2 is involved in alternative splicing and mouse oocyte development. FASEB Journal, 2022, 36, e22128.	0.5	5
4	Ultrasensitive Ribo-seq reveals translational landscapes during mammalian oocyte-to-embryo transition and pre-implantation development. Nature Cell Biology, 2022, 24, 968-980.	10.3	57
5	DDX1 vesicles control calcium-dependent mitochondrial activity in mouse embryos. Nature Communications, 2022, 13, .	12.8	5
6	Formative pluripotent stem cells show features of epiblast cells poised for gastrulation. Cell Research, 2021, 31, 526-541.	12.0	53
7	Stabilizing Formative Pluripotent States with Germ Cell Competency. Cell Stem Cell, 2021, 28, 361-363.	11.1	4
8	Comments on â€˜In vitro culture of cynomolgus monkey embryos beyond early gastrulationâ€™. Journal of Molecular Cell Biology, 2020, 12, 400-402.	3.3	3
9	Epigenomic analysis of gastrulation identifies a unique chromatin state for primed pluripotency. Nature Genetics, 2020, 52, 95-105.	21.4	69
10	Retinoic acid promotes metabolic maturation of human Embryonic Stem Cell-derived Cardiomyocytes. Theranostics, 2020, 10, 9686-9701.	10.0	24
11	Mettl14 is required for mouse postimplantation development by facilitating epiblast maturation. FASEB Journal, 2019, 33, 1179-1187.	0.5	60
12	Cytoplasmic aggregation of DDX1 in developing embryos: Early embryonic lethality associated with Ddx1 knockout. Developmental Biology, 2019, 455, 420-433.	2.0	12
13	Putting Stem Cells on a Low-Fat Diet Switches Their Pluripotent State. Cell Stem Cell, 2019, 25, 3-5.	11.1	7
14	The subcortical maternal complex protein Nlrp4f is involved in cytoplasmic lattice formation and organelle distribution. Development (Cambridge), 2019, 146, .	2.5	22
15	In vitro culture of cynomolgus monkey embryos beyond early gastrulation. Science, 2019, 366, .	12.6	149
16	Dnmt2 mediates intergenerational transmission of paternally acquired metabolic disorders through sperm small non-coding RNAs. Nature Cell Biology, 2018, 20, 535-540.	10.3	302
17	Zbed3 participates in the subcortical maternal complex and regulates the distribution of organelles. Journal of Molecular Cell Biology, 2018, 10, 74-88.	3.3	29
18	Dynamic epigenomic landscapes during early lineage specification in mouse embryos. Nature Genetics, 2018, 50, 96-105.	21.4	164

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19	Whole-transcriptome splicing profiling of E7.5 mouse primary germ layers reveals frequent alternative promoter usage during mouse early embryogenesis. Biology Open, 2018, 7, .	1.2	6
20	ERK inhibition promotes neuroectodermal precursor commitment by blocking self-renewal and primitive streak formation of the epiblast. Stem Cell Research and Therapy, 2018, 9, 2.	5.5	15
21	BCAS2 is involved in alternative mRNA splicing in spermatogonia and the transition to meiosis. Nature Communications, 2017, 8, 14182.	12.8	53
22	Trp-Asp (WD) Repeat Domain 1 Is Essential for Mouse Peri-implantation Development and Regulates Cofilin Phosphorylation. Journal of Biological Chemistry, 2017, 292, 1438-1448.	3.4	10
23	A Maternal Functional Module in the Mammalian Oocyte-To-Embryo Transition. Trends in Molecular Medicine, 2017, 23, 1014-1023.	6.7	74
24	BTG4 is a key regulator for maternal mRNA clearance during mouse early embryogenesis. Journal of Molecular Cell Biology, 2016, 8, 366-368.	3.3	85
25	MicroRNA-127 Promotes Mesendoderm Differentiation of Mouse Embryonic Stem Cells by Targeting Left-Right Determination Factor 2. Journal of Biological Chemistry, 2016, 291, 12126-12135.	3.4	23
26	The roles of ERAS during cell lineage specification of mouse early embryonic development. Open Biology, 2015, 5, 150092.	3.6	21
27	Identification of a human subcortical maternal complex. Molecular Human Reproduction, 2015, 21, 320-329.	2.8	75
28	Filia Is an ESC-Specific Regulator of DNA Damage Response and Safeguards Genomic Stability. Cell Stem Cell, 2015, 16, 684-698.	11.1	46
29	Maternal BCAS2 protects genomic integrity in mouse early embryonic development. Development (Cambridge), 2015, 142, 3943-53.	2.5	35
30	Integral Proteomic Analysis of Blastocysts Reveals Key Molecular Machinery Governing Embryonic Diapause and Reactivation for Implantation in Mice1. Biology of Reproduction, 2014, 90, 52.	2.7	48
31	Wnt/Î²-catenin signaling regulates follicular development by modulating the expression of Foxo3a signaling components. Molecular and Cellular Endocrinology, 2014, 382, 915-925.	3.2	48
32	The subcortical maternal complex controls symmetric division of mouse zygotes by regulating F-actin dynamics. Nature Communications, 2014, 5, 4887.	12.8	102
33	Uterine Rbpj is required for embryonic-uterine orientation and decidual remodeling via Notch pathway-independent and -dependent mechanisms. Cell Research, 2014, 24, 925-942.	12.0	68
34	WASH inhibits autophagy through suppression of Beclin 1 ubiquitination. EMBO Journal, 2013, 32, 2685-2696.	7.8	167
35	The maternal to zygotic transition in mammals. Molecular Aspects of Medicine, 2013, 34, 919-938.	6.4	188
36	The N-terminus of FILIA Forms an Atypical KH Domain with a Unique Extension Involved in Interaction with RNA. PLoS ONE, 2012, 7, e30209.	2.5	14

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37	Notch Signaling Is Involved in Ovarian Follicle Development by Regulating Granulosa Cell Proliferation. Endocrinology, 2011, 152, 2437-2447.	2.8	85
38	Maternal control of early mouse development. Development (Cambridge), 2010, 137, 859-870.	2.5	374
39	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. Endocrinology, 2010, 151, 774-782.	2.8	83
40	Inhibin A inhibits follicle-stimulating hormone (FSH) action by suppressing its receptor expression in cultured rat granulosa cells. Molecular and Cellular Endocrinology, 2009, 298, 48-56.	3.2	34
41	A Subcortical Maternal Complex Essential for Preimplantation Mouse Embryogenesis. Developmental Cell, 2008, 15, 416-425.	7.0	242
42	Maternally derived FILIA-MATER complex localizes asymmetrically in cleavage-stage mouse embryos. Development (Cambridge), 2008, 135, 259-269.	2.5	102