

Wei Cui

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,281
citations

361045

20
h-index

414034

32
g-index

68
all docs

68
docs citations

68
times ranked

1769
citing authors

#	ARTICLE	IF	CITATIONS
1	HIF-KDM3A-MMP12 regulatory circuit ensures trophoblast plasticity and placental adaptations to hypoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7212-E7221.	3.3	111
2	Epigenetic dynamics during preimplantation development. <i>Reproduction</i> , 2015, 150, R109-R120.	1.1	102
3	Effects of embryo-derived exosomes on the development of bovine cloned embryos. <i>PLoS ONE</i> , 2017, 12, e0174535.	1.1	80
4	Defining the Role of Estrogen Receptor β in the Regulation of Female Fertility. <i>Endocrinology</i> , 2017, 158, 2330-2343.	1.4	70
5	Cisplatin-induced response of c-jun N-terminal kinase 1 and extracellular signal-regulated protein kinases 1 and 2 in a series of cisplatin-resistant ovarian carcinoma cell lines. <i>Molecular Carcinogenesis</i> , 2000, 29, 219-228.	1.3	66
6	Rethinking progesterone regulation of female reproductive cyclicality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4212-4217.	3.3	59
7	Developmental Potential of Prepubertal Mouse Oocytes Is Compromised Due Mainly to Their Impaired Synthesis of Glutathione. <i>PLoS ONE</i> , 2013, 8, e58018.	1.1	51
8	Glucose Metabolism in Mouse Cumulus Cells Prevents Oocyte Aging by Maintaining Both Energy Supply and the Intracellular Redox Potential. <i>Biology of Reproduction</i> , 2011, 84, 1111-1118.	1.2	43
9	Maternal-Restraint Stress Increases Oocyte Aneuploidy by Impairing Metaphase I Spindle Assembly and Reducing Spindle Assembly Checkpoint Proteins in Mice. <i>Biology of Reproduction</i> , 2012, 86, 83.	1.2	34
10	Roles of MAPK and Spindle Assembly Checkpoint in Spontaneous Activation and MII Arrest of Rat Oocytes. <i>PLoS ONE</i> , 2012, 7, e32044.	1.1	33
11	Towards Functional Annotation of the Preimplantation Transcriptome: An RNAi Screen in Mammalian Embryos. <i>Scientific Reports</i> , 2016, 6, 37396.	1.6	32
12	AML with germline DDX41 variants is a clinicopathologically distinct entity with an indolent clinical course and favorable outcome. <i>Leukemia</i> , 2022, 36, 664-674.	3.3	32
13	Tauroursodeoxycholic acid (TUDCA) alleviates endoplasmic reticulum stress of nuclear donor cells under serum starvation. <i>PLoS ONE</i> , 2018, 13, e0196785.	1.1	31
14	Bait-and-Switch Supramolecular Strategy To Generate Noncationic RNA-Polymer Complexes for RNA Delivery. <i>Biomacromolecules</i> , 2019, 20, 435-442.	2.6	31
15	<i>Nop2</i> is required for mammalian preimplantation development. <i>Molecular Reproduction and Development</i> , 2016, 83, 124-131.	1.0	27
16	Nanotherapeutics using all-natural materials. Effective treatment of wound biofilm infections using crosslinked nanoemulsions. <i>Materials Horizons</i> , 2021, 8, 1776-1782.	6.4	27
17	Meiotic arrest with roscovitine and follicular fluid improves cytoplasmic maturation of porcine oocytes by promoting chromatin de-condensation and gene transcription. <i>Scientific Reports</i> , 2017, 7, 11574.	1.6	26
18	MC1568 Enhances Histone Acetylation During Oocyte Meiosis and Improves Development of Somatic Cell Nuclear Transfer Embryos in Pig. <i>Cellular Reprogramming</i> , 2018, 20, 55-65.	0.5	26

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19	Identification of 4438 novel lincRNAs involved in mouse pre-implantation embryonic development. <i>Molecular Genetics and Genomics</i> , 2015, 290, 685-697.	1.0	24
20	Loss of RBBP4 results in defective inner cell mass, severe apoptosis, hyperacetylated histones and preimplantation lethality in mice. <i>Biology of Reproduction</i> , 2020, 103, 13-23.	1.2	23
21	Control of Spontaneous Activation of Rat Oocytes by Regulating Plasma Membrane Na ⁺ /Ca ²⁺ Exchanger Activities. <i>Biology of Reproduction</i> , 2013, 88, 160-160.	1.2	21
22	Role of Na ⁺ /Ca ²⁺ Exchanger (NCX) in Modulating Postovulatory Aging of Mouse and Rat Oocytes. <i>PLoS ONE</i> , 2014, 9, e93446.	1.1	19
23	Transcriptional Regulation and Genes Involved in First Lineage Specification During Preimplantation Development. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2018, 229, 31-46.	1.0	18
24	Postfunctionalization of Noncationic RNA-Polymer Complexes for RNA Delivery. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 6982-6991.	1.8	18
25	Caffeine Can Be Used for Oocyte Enucleation. <i>Cellular Reprogramming</i> , 2011, 13, 225-232.	0.5	16
26	MCRS1 is essential for epiblast development during early mouse embryogenesis. <i>Reproduction</i> , 2020, 159, 1-13.	1.1	16
27	Combined Inhibitory Effects of Pyruvate and Low Temperature on Postovulatory Aging of Mouse Oocytes. <i>Biology of Reproduction</i> , 2012, 87, 105.	1.2	14
28	MED20 is essential for early embryogenesis and regulates NANOG expression. <i>Reproduction</i> , 2019, 157, 215-222.	1.1	14
29	Non-frozen preservation protocols for mature mouse oocytes dramatically extend their developmental competence by reducing oxidative stress. <i>Molecular Human Reproduction</i> , 2014, 20, 318-329.	1.3	13
30	Optimized Protocols for <i>In Vitro</i> Maturation of Rat Oocytes Dramatically Improve Their Developmental Competence to a Level Similar to That of Ovulated Oocytes. <i>Cellular Reprogramming</i> , 2016, 18, 17-29.	0.5	13
31	TSSK3, a novel target for male contraception, is required for spermiogenesis. <i>Molecular Reproduction and Development</i> , 2021, 88, 718-730.	1.0	12
32	Regulation of fusion of the nucleolar precursor bodies following activation of mouse oocytes: roles of the maturation-promoting factors and mitogen-activated protein kinases. <i>Zygote</i> , 2012, 20, 291-303.	0.5	11
33	60S acidic ribosomal protein P1 (RPLP1) is elevated in human endometriotic tissue and in a murine model of endometriosis and is essential for endometriotic epithelial cell survival <i>in vitro</i> . <i>Molecular Human Reproduction</i> , 2020, 26, 53-64.	1.3	11
34	Polyamide Nanogels from Generally Recognized as Safe Components and Their Toxicity in Mouse Preimplantation Embryos. <i>Biomacromolecules</i> , 2015, 16, 3491-3498.	2.6	10
35	Loss of POLR1D results in embryonic lethality prior to blastocyst formation in mice. <i>Molecular Reproduction and Development</i> , 2020, 87, 1152-1158.	1.0	9
36	Bilateral Diffuse Tumorous Pseudoangiomatous Stromal Hyperplasia: A Case of Bilateral Mastectomy in a 29-Year-Old Woman. <i>Case Reports in Pathology</i> , 2014, 2014, 1-4.	0.2	8

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37	A 26-Year-Old Female with Systemic Mastocytosis with Associated Myeloid Neoplasm with Eosinophilia and Abnormalities of <i>PDGFRB</i> , <i>t(4;5)(q21;q33)</i> . <i>Case Reports in Hematology</i> , 2016, 2016, 1-4.	0.3	8
38	Clinical and Pathologic Correlation of Increased MYC Gene Copy Number in Diffuse Large B-Cell Lymphoma. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2016, 16, 679-683.	0.2	8
39	Belantamab in Combination with Dexamethasone in Patients with Triple-Class Relapsed/Refractory Multiple Myeloma. <i>Blood</i> , 2021, 138, 1642-1642.	0.6	8
40	Expression and Imprinting Analysis of AK044800, a Transcript from the <i>Dlk1-Dio3</i> Imprinted Gene Cluster during Mouse Embryogenesis. <i>Molecules and Cells</i> , 2013, 35, 285-290.	1.0	7
41	p53 expression in large B-cell lymphomas with MYC extra copies and CD99 expression in large B-cell lymphomas in relation to MYC status. <i>Human Pathology</i> , 2019, 86, 21-31.	1.1	7
42	ZC3H4, a novel Cys-Cys-Cys-His-type zinc finger protein, is essential for early embryogenesis in mice. <i>Biology of Reproduction</i> , 2021, 104, 325-335.	1.2	7
43	High level MYC expression associates with poor survival in patients with acute myeloid leukemia and collaborates with overexpressed p53 in leukemic transformation in patients with myelodysplastic syndrome. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 99-109.	0.7	7
44	Comparison of flow cytometry and next-generation sequencing in minimal residual disease monitoring of acute myeloid leukemia: One institute's practical clinical experience. <i>International Journal of Laboratory Hematology</i> , 2022, 44, 118-126.	0.7	7
45	Berberine alleviates LPS-induced apoptosis, oxidation, and skewed lineages during mouse preimplantation development. <i>Biology of Reproduction</i> , 2022, 106, 699-709.	1.2	7
46	Mast cell sarcoma: clinicopathologic and molecular analysis of 10 new cases and review of literature. <i>Modern Pathology</i> , 2022, 35, 865-874.	2.9	7
47	Fertilization in vitro with spermatozoa from different mice increased variation in the developmental potential of embryos compared to artificial parthenogenetic activation. <i>Molecular Reproduction and Development</i> , 2009, 76, 239-245.	1.0	6
48	Identification of transcriptome differences in goat ovaries at the follicular phase and the luteal phase using an RNA-Seq method. <i>Theriogenology</i> , 2020, 158, 239-249.	0.9	6
49	Oocyte Spontaneous Activation: An Overlooked Cellular Event That Impairs Female Fertility in Mammals. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 648057.	1.8	6
50	Extranodal B Cell Lymphoma with Prominent Spindle Cell Features Arising in Uterus and in Maxillary Sinus: Report of Two Cases and Literature Review. <i>Annals of Clinical and Laboratory Science</i> , 2016, 46, 213-8.	0.2	6
51	Expression patterns of long noncoding RNAs from <i>Dlk1-Dio3</i> imprinted region and the potential mechanisms of <i>Gtl2</i> activation during blastocyst development. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 167-173.	1.0	5
52	p53 and β -Catenin Expression Predict Poorer Prognosis in Patients With Anaplastic Large-Cell Lymphoma. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2019, 19, e385-e392.	0.2	4
53	Incidental dedifferentiated mediastinal liposarcoma on F-18-fluciclovine PET/CT. <i>Clinical Imaging</i> , 2020, 59, 21-24.	0.8	4
54	Biophysical optimization of preimplantation embryo culture: what mechanics can offer ART. <i>Molecular Human Reproduction</i> , 2021, 27, .	1.3	4

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55	Mechanisms by which a Lack of Germinal Vesicle (GV) Material Causes Oocyte Meiotic Defects: A Study Using Oocytes Manipulated to Replace GV with Primary Spermatocyte Nuclei. <i>Biology of Reproduction</i> , 2013, 89, 83.	1.2	3
56	Morphologic, immunophenotypic, and molecular genetic comparison study in patients with clonal cytopenia of undetermined significance, myelodysplastic syndrome, and acute myeloid leukemia with myelodysplasia-related changes: A single institution experience. <i>International Journal of Laboratory Hematology</i> , 2022, , .	0.7	3
57	Outcomes of VDPACE with an immunomodulatory agent as a salvage therapy in relapsed/refractory multiple myeloma with extramedullary disease. <i>EJHaem</i> , 0, , .	0.4	2
58	Functional characterization of NPM1-TYK2 fusion oncogene. <i>Npj Precision Oncology</i> , 2022, 6, 3.	2.3	2
59	Skin Recurrence of Transformed Mycosis Fungoides Postumbilical Cord Blood Transplant despite Complete Donor Chimerism. <i>Case Reports in Hematology</i> , 2014, 2014, 1-5.	0.3	1
60	Flow Cytometric, Morphologic, and Laboratory Comparative Study in Patients With Leukocytosis and Cytopenia. <i>American Journal of Clinical Pathology</i> , 2020, 153, 266-273.	0.4	1
61	SOHLHs are essential for fertility regardless of gender or population. <i>Fertility and Sterility</i> , 2020, 114, 283-284.	0.5	1
62	MYC Expression Is Associated With p53 Expression and TP53 Aberration and Predicts Poor Overall Survival in Acute Lymphoblastic Leukemia/Lymphoma. <i>American Journal of Clinical Pathology</i> , 2021, , .	0.4	1
63	N-Cadherin Immunoexpression in Patients with Acute Myeloid Leukemia. <i>Blood</i> , 2015, 126, 4944-4944.	0.6	1
64	De Novo Acute Myeloid Leukemia with Combined CFBF-MYH11 and BCR-ABL1 Gene Rearrangements: A Case Report and Review of Literature. <i>Case Reports in Hematology</i> , 2020, 2020, 1-7.	0.3	1
65	A HIF-KDM3A-MMP12 regulatory pathway triggers adaptations at the maternal-fetal interface. <i>Placenta</i> , 2016, 45, 115.	0.7	0
66	The presence of donor liver granuloma requiring further workup to rule out parasitic disease. <i>Journal of Surgical Case Reports</i> , 2017, 2017, rjx042.	0.2	0
67	Increased CXCL12 expression in endometrium of women with abnormal uterine bleeding is post-transcriptionally mediated via miR-23b-3p and is associated with decreased expression of the miR-23b-3p/24-3p/27b-3p cluster: a pilot study. <i>F&S Science</i> , 2020, 1, 90-97.	0.5	0
68	Surface functionalization of poly(dimethylsiloxane) substrates facilitates culture of pre-implantation mouse embryos by blocking non-selective adsorption. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20210929.	1.5	0