

Yu-Bin Ding

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

1,472
citations

304368

22
h-index

433756

31
g-index

94
all docs

94
docs citations

94
times ranked

1921
citing authors

#	ARTICLE	IF	CITATIONS
1	mTOR/P70S6K promotes spermatogonia proliferation and spermatogenesis in Sprague Dawley rats. <i>Reproductive BioMedicine Online</i> , 2016, 32, 207-217.	1.1	71
2	Exposure of mice to benzo(a)pyrene impairs endometrial receptivity and reduces the number of implantation sites during early pregnancy. <i>Food and Chemical Toxicology</i> , 2014, 69, 244-251.	1.8	52
3	Foetal-neonatal exposure of Di (2-ethylhexyl) phthalate disrupts ovarian development in mice by inducing autophagy. <i>Journal of Hazardous Materials</i> , 2018, 358, 101-112.	6.5	45
4	5-Aza-2â€²-deoxycytidine Leads to Reduced Embryo Implantation and Reduced Expression of DNA Methyltransferases and Essential Endometrial Genes. <i>PLoS ONE</i> , 2012, 7, e45364.	1.1	44
5	Benzo(a)pyrene inhibits migration and invasion of extravillous trophoblast HTRâ€8/SVneo cells via activation of the ERK and JNK pathway. <i>Journal of Applied Toxicology</i> , 2016, 36, 946-955.	1.4	40
6	The role of MTOR in mouse uterus during embryo implantation. <i>Reproduction</i> , 2009, 138, 351-356.	1.1	39
7	Regulation of placentation by the transforming growth factor beta superfamilyâ€. <i>Biology of Reproduction</i> , 2020, 102, 18-26.	1.2	39
8	DNA Demethylation Upregulated Nrf2 Expression in Alzheimerâ€™s Disease Cellular Model. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 244.	1.7	38
9	Exposure to benzo[a]pyrene impairs decidualization and decidual angiogenesis in mice during early pregnancy. <i>Environmental Pollution</i> , 2017, 222, 523-531.	3.7	38
10	The Effects of Lycopene on the Methylation of the GSTP1 Promoter and Global Methylation in Prostatic Cancer Cell Lines PC3 and LNCaP. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-9.	0.6	37
11	Bisphenol A exposure promotes HTR-8/SVneo cell migration and impairs mouse placentation involving upregulation of integrin-Î²1 and MMP-9 and stimulation of MAPK and PI3K signaling pathways. <i>Oncotarget</i> , 2017, 8, 51507-51521.	0.8	36
12	The Involvement of Cell Adhesion Molecules, Tight Junctions, and Gap Junctions in Human Placentation. <i>Reproductive Sciences</i> , 2021, 28, 305-320.	1.1	31
13	Effect of folate deficiency on promoter methylation and gene expression of Esr1, Cdh1 and Pgr, and its influence on endometrial receptivity and embryo implantation. <i>Human Reproduction</i> , 2012, 27, 2756-2765.	0.4	30
14	Sodium fluoride activates ERK and JNK via induction of oxidative stress to promote apoptosis and impairs ovarian function in rats. <i>Journal of Hazardous Materials</i> , 2014, 272, 75-82.	6.5	30
15	Folate deficiency impairs decidualization and alters methylation patterns of the genome in mice. <i>Molecular Human Reproduction</i> , 2015, 21, 844-856.	1.3	30
16	nm23 regulates decidualization through the PI3K-Akt-mTOR signaling pathways in mice and humans. <i>Human Reproduction</i> , 2016, 31, 2339-2351.	0.4	30
17	The interplay between thyroid hormones and the placenta: a comprehensive reviewâ€. <i>Biology of Reproduction</i> , 2020, 102, 8-17.	1.2	29
18	GIMICA: host genetic and immune factors shaping human microbiota. <i>Nucleic Acids Research</i> , 2021, 49, D715-D722.	6.5	29

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19	The role of adiponectin in placentation and preeclampsia. <i>Cell Biochemistry and Function</i> , 2020, 38, 106-117.	1.4	28
20	Activin and inhibin signaling: From regulation of physiology to involvement in the pathology of the female reproductive system. <i>Cytokine</i> , 2020, 133, 155105.	1.4	28
21	Folate Deficiency Could Restrain Decidual Angiogenesis in Pregnant Mice. <i>Nutrients</i> , 2015, 7, 6425-6445.	1.7	26
22	Rapamycin inhibits spermatogenesis by changing the autophagy status through suppressing mechanistic target of rapamycin-p70S6 kinase in male rats. <i>Molecular Medicine Reports</i> , 2017, 16, 4029-4037.	1.1	25
23	Altered β 1,6-GlcNAc and bisecting GlcNAc-branched N-glycan on integrin β 1 are associated with early spontaneous miscarriage in humans. <i>Human Reproduction</i> , 2015, 30, 2064-2075.	0.4	24
24	The transforming growth factor β superfamily as possible biomarkers of preeclampsia: a comprehensive review. <i>Biomarkers in Medicine</i> , 2019, 13, 1321-1330.	0.6	24
25	High insulin impaired ovarian function in early pregnant mice and the role of autophagy in this process. <i>Endocrine Journal</i> , 2017, 64, 613-621.	0.7	23
26	Neurotoxic effect of subacute benzo(a)pyrene exposure on gene and protein expression in Sprague-Dawley rats. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 648-658.	2.0	22
27	DNA methylation-associated repression of MEST/PEG1 expression contributes to the invasion of extravillous trophoblast cells. <i>Placenta</i> , 2016, 46, 92-101.	0.7	22
28	THBS1 regulates trophoblast fusion through a CD36-dependent inhibition of cAMP, and its upregulation participates in preeclampsia. <i>Genes and Diseases</i> , 2021, 8, 353-363.	1.5	22
29	The Differential Expression of MicroRNAs Between Implantation Sites and Interimplantation Sites in Early Pregnancy in Mice and Their Potential Functions. <i>Reproductive Sciences</i> , 2014, 21, 1296-1306.	1.1	21
30	Elevated insulin levels compromise endometrial decidualization in mice with decrease in uterine apoptosis in early-stage pregnancy. <i>Archives of Toxicology</i> , 2019, 93, 3601-3615.	1.9	21
31	Mouse Endometrium Temporal and Spatial Expression mRNA and MicroRNA Associated With Embryo Implantation. <i>Reproductive Sciences</i> , 2015, 22, 1399-1408.	1.1	19
32	Benzo(a)pyrene inhibits endometrial cell apoptosis in early pregnant mice via the WNT5A pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 11119-11129.	2.0	19
33	Endometrial autophagy is essential for embryo implantation during early pregnancy. <i>Journal of Molecular Medicine</i> , 2020, 98, 555-567.	1.7	19
34	Melatonin alleviates benzo(a)pyrene-induced ovarian corpus luteum dysfunction by suppressing excessive oxidative stress and apoptosis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111561.	2.9	18
35	Dysregulated expression of ACTN4 contributes to endothelial cell injury via the activation of the p38-MAPK/p53 apoptosis pathway in preeclampsia. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 475-487.	1.3	17
36	Mice endometrium receptivity in early pregnancy is impaired by maternal hyperinsulinemia. <i>Molecular Medicine Reports</i> , 2017, 15, 2503-2510.	1.1	16

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37	Decreased autophagy was implicated in the decreased apoptosis during decidualization in early pregnant mice. <i>Journal of Molecular Histology</i> , 2018, 49, 589-597.	1.0	16
38	FOXO3a is essential for murine endometrial decidualization through cell apoptosis during early pregnancy. <i>Journal of Cellular Physiology</i> , 2019, 234, 4154-4166.	2.0	16
39	Review of the Effects of Perinatal Exposure to Endocrine-Disrupting Chemicals in Animals and Humans. <i>Reviews of Environmental Contamination and Toxicology</i> , 2019, 251, 131-184.	0.7	16
40	Bisphenol A-induced mechanistic impairment of decidualization. <i>Molecular Reproduction and Development</i> , 2020, 87, 837-842.	1.0	15
41	Frequency of MED12 Mutation in Relation to Tumor and Patient's Clinical Characteristics: a Meta-analysis. <i>Reproductive Sciences</i> , 2022, 29, 357-365.	1.1	15
42	Trophoblastic proliferation and invasion regulated by ACTN4 is impaired in early onset preeclampsia. <i>FASEB Journal</i> , 2019, 33, 6327-6338.	0.2	14
43	In utero exposure to persistent and nonpersistent endocrine-disrupting chemicals and anogenital distance. A systematic review of epidemiological studies. <i>Biology of Reproduction</i> , 2020, 102, 276-291.	1.2	14
44	AMPK/mTOR downregulated autophagy enhances aberrant endometrial decidualization in folate-deficient pregnant mice. <i>Journal of Cellular Physiology</i> , 2021, 236, 7376-7389.	2.0	14
45	Autophagy regulates abnormal placentation induced by folate deficiency in mice. <i>Molecular Human Reproduction</i> , 2019, 25, 305-319.	1.3	13
46	Exposure to Benzo[a]pyrene impairs the corpus luteum vascular network in rats during early pregnancy. <i>Environmental Pollution</i> , 2020, 259, 113915.	3.7	13
47	Ephrin and Eph receptor signaling in female reproductive physiology and pathology. <i>Biology of Reproduction</i> , 2021, 104, 71-82.	1.2	13
48	Iodothyronine deiodinase 2 (DiO2) regulates trophoblast cell line cycle, invasion and apoptosis; and its downregulation is associated with early recurrent miscarriage. <i>Placenta</i> , 2021, 111, 54-68.	0.7	13
49	Endometrial pyruvate kinase M2 is essential for decidualization during early pregnancy. <i>Journal of Endocrinology</i> , 2020, 245, 357-368.	1.2	13
50	Bioinformatic identification of key genes and pathways that may be involved in the pathogenesis of HBV-associated acute liver failure. <i>Genes and Diseases</i> , 2018, 5, 349-357.	1.5	12
51	Altered expression patterns of circular RNAs between implantation sites and interimplantation sites in early pregnant mice. <i>Journal of Cellular Physiology</i> , 2019, 234, 9862-9872.	2.0	12
52	Stomatin-like protein 2 (SLP2) regulates the proliferation and invasion of trophoblast cells by modulating mitochondrial functions. <i>Placenta</i> , 2020, 100, 13-23.	0.7	11
53	Downregulation of fascin in the first trimester placental villi is associated with early recurrent miscarriage. <i>Experimental Cell Research</i> , 2021, 403, 112597.	1.2	10
54	The role of fascin in carcinogenesis and embryo implantation. <i>Experimental Cell Research</i> , 2021, 409, 112885.	1.2	10

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55	CircRNA expression profiles in decidual tissue of patients with early recurrent miscarriage. <i>Genes and Diseases</i> , 2020, 7, 414-423.	1.5	9
56	Hyperinsulinemia restrains endometrial angiogenesis during decidualization in early pregnancy. <i>Journal of Endocrinology</i> , 2019, 243, 137-148.	1.2	9
57	Exposure to butylated hydroxytoluene compromises endometrial decidualization during early pregnancy. <i>Environmental Science and Pollution Research</i> , 2021, 28, 42024-42036.	2.7	8
58	High-fat diet-induced obesity primes fatty acid β -oxidation impairment and consequent ovarian dysfunction during early pregnancy. <i>Annals of Translational Medicine</i> , 2021, 9, 887-887.	0.7	8
59	Effect of artificial cycle with or without GnRH-a pretreatment on pregnancy and neonatal outcomes in women with PCOS after frozen embryo transfer: a propensity score matching study. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 56.	1.4	8
60	Folate deficiency inhibits the PCP pathway and alters genomic methylation levels during embryonic development. <i>Journal of Cellular Physiology</i> , 2018, 233, 7333-7342.	2.0	7
61	Expression of KRAS in the endometrium of early pregnant mice and its effect during embryo implantation. <i>Reproductive BioMedicine Online</i> , 2015, 31, 51-61.	1.1	6
62	The homologous genes Vangl1 and Vangl2 are required for embryo implantation in the uterus of mice during early pregnancy. <i>Gene</i> , 2015, 555, 140-149.	1.0	6
63	SPOP Regulates Endometrial Stromal Cell Decidualization in Mice. <i>Reproductive Sciences</i> , 2016, 23, 1565-1574.	1.1	6
64	Stomatin-like protein 2 is involved in endometrial stromal cell proliferation and differentiation during decidualization in mice and humans. <i>Reproductive BioMedicine Online</i> , 2017, 34, 191-202.	1.1	6
65	Expression and function of Pcd4 in mouse endometrium during early pregnancy. <i>Reproduction</i> , 2018, 155, 393-402.	1.1	6
66	Rictor/mTORC2 is involved in endometrial receptivity by regulating epithelial remodeling. <i>FASEB Journal</i> , 2021, 35, e21731.	0.2	6
67	Expression of DROSHA in the Uterus of Mice in Early Pregnancy and Its Potential Significance During Embryo Implantation. <i>Reproductive Sciences</i> , 2016, 23, 154-162.	1.1	5
68	Methylated oligonucleotide (MON)-induced promoter hypermethylation is associated with repression of CDH1 expression and contributes to the migration and invasion of human trophoblast cell lines. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1509.	0.1	5
69	Appropriate expression of P57kip2 drives trophoblast fusion via cell cycle arrest. <i>Reproduction</i> , 2021, 161, 633-644.	1.1	5
70	Exposure to ethephon compromises endometrial decidualization in mice during early pregnancy via GPR120. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112361.	2.9	5
71	Abnormal angiogenesis of placenta in progranulin β -deficient mice. <i>Molecular Medicine Reports</i> , 2020, 22, 3482-3492.	1.1	5
72	LncRNA functional annotation with improved false discovery rate achieved by disease associations. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 322-332.	1.9	4

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73	Associations of early-life factors and indoor environmental exposure with asthma among children: a caseâ€“control study in Chongqing, China. <i>World Journal of Pediatrics</i> , 2022, 18, 186-195.	0.8	4
74	Roles of DEK in the endometrium of mice in early pregnancy. <i>Gene</i> , 2018, 642, 261-267.	1.0	3
75	SNP rs12794714 of CYP2R1 is associated with serum vitamin D levels and recurrent spontaneous abortion (RSA): a caseâ€“control study. <i>Archives of Gynecology and Obstetrics</i> , 2021, 304, 179-190.	0.8	3
76	Exposure to ethylparaben and propylparaben interfere with embryo implantation by compromising endometrial decidualization in early pregnant mice. <i>Journal of Applied Toxicology</i> , 2021, 41, 1732-1746.	1.4	3
77	The Circ-CYP24A1-miR-224-PRLR Axis Impairs Cell Proliferation and Apoptosis in Recurrent Miscarriage. <i>Frontiers in Physiology</i> , 2022, 13, 778116.	1.3	3
78	The regulation of high insulin levels on ovary apoptosis in early pregnant mice. <i>Biochemical and Biophysical Research Communications</i> , 2017, 483, 786-792.	1.0	2
79	miR-21a inhibits decidual cell apoptosis by targeting Pcd4. <i>Genes and Diseases</i> , 2021, 8, 171-180.	1.5	2
80	Carnitine palmitoyltransferase 1A is essential for decidualization in mice. <i>Theriogenology</i> , 2022, 178, 95-103.	0.9	2
81	Uterine Dnmt3a is not Required for Mouse Embryo Implantation. <i>Current Molecular Medicine</i> , 2020, 20, 633-642.	0.6	2
82	Uterine deficiency of Dnmt3b impairs decidualization and causes consequent embryo implantation defects. <i>Cell Biology and Toxicology</i> , 2021, , 1.	2.4	2
83	Exposure to benzo(a)pyrene suppresses mitophagy via ANT1-PINK1-Parkin pathway in ovarian corpus luteum during early pregnancy. <i>Science of the Total Environment</i> , 2022, 814, 152759.	3.9	2
84	The roles of ADAMDEC1 in trophoblast differentiation during normal pregnancy and preeclampsia. <i>Molecular Human Reproduction</i> , 2022, 28, .	1.3	2
85	Novel differential transcript expression identified by LongSAGE in the mouse endometrium during the implantation window. <i>Molecular Biology Reports</i> , 2013, 40, 651-663.	1.0	1
86	Combinational exposure to Bisphenol A and a high-fat diet causes trans-generational Malfunction of the female reproductive system in mice. <i>Molecular and Cellular Endocrinology</i> , 2022, 541, 111507.	1.6	1
87	Acbp is essential for decidualization during early pregnancy in mice. <i>Reproduction</i> , 2022, 163, 309-321.	1.1	1
88	A decrease in CD2 expression on NK cells is associated with PCOS but not influenced by metformin in a mouse model. <i>Biology of Reproduction</i> , 2022, , .	1.2	0