Haibin Wang

List of Publications by Year
in descending order

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39 papers	3,290 citations	201674 27 h-index	302126 39 g-index
39 all docs	39 docs citations	39 times ranked	3513 citing authors

#	Article	IF	Citations
1	Roadmap to embryo implantation: clues from mouse models. Nature Reviews Genetics, 2006, 7, 185-199.	16.3	1,070
2	Jekyll and Hyde: Two Faces of Cannabinoid Signaling in Male and Female Fertility. Endocrine Reviews, 2006, 27, 427-448.	20.1	205
3	Aberrant cannabinoid signaling impairs oviductal transport of embryos. Nature Medicine, 2004, 10, 1074-1080.	30.7	189
4	Differential G protein-coupled cannabinoid receptor signaling by anandamide directs blastocyst activation for implantation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14914-14919.	7.1	142
5	Brown adipose tissue transplantation ameliorates polycystic ovary syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2708-2713.	7.1	141
6	Fatty acid amide hydrolase deficiency limits early pregnancy events. Journal of Clinical Investigation, 2006, 116, 2122-2131.	8.2	134
7	Rescue of Female Infertility from the Loss of Cyclooxygenase-2 by Compensatory Up-regulation of Cyclooxygenase-1 Is a Function of Genetic Makeup. Journal of Biological Chemistry, 2004, 279, 10649-10658.	3.4	110
8	N-Acylphosphatidylethanolamine-hydrolyzing Phospholipase D Is an Important Determinant of Uterine Anandamide Levels during Implantation. Journal of Biological Chemistry, 2005, 280, 23429-23432.	3.4	108
9	The subcortical maternal complex controls symmetric division of mouse zygotes by regulating F-actin dynamics. Nature Communications, 2014, 5, 4887.	12.8	102
10	Differential regulation of endocannabinoid synthesis and degradation in the uterus during embryo implantation. Prostaglandins and Other Lipid Mediators, 2007, 83, 62-74.	1.9	88
11	Lipid signaling in embryo implantation. Prostaglandins and Other Lipid Mediators, 2005, 77, 84-102.	1.9	76
12	Variation in commercial rodent diets induces disparate molecular and physiological changes in the mouse uterus. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9960-9965.	7.1	71
13	Endocannabinoid signaling directs differentiation of trophoblast cell lineages and placentation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16887-16892.	7.1	69
14	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
15	Fine-Tuned and Cell-Cycle-Restricted Expression of Fusogenic Protein Syncytin-2 Maintains Functional Placental Syncytia. Cell Reports, 2017, 21, 1150-1159.	6.4	62
16	Loss of Cannabinoid Receptor CB1 Induces Preterm Birth. PLoS ONE, 2008, 3, e3320.	2.5	59
17	PLAC8, a new marker for human interstitial extravillous trophoblast cells, promotes their invasion and migration. Development (Cambridge), 2018, 145, .	2.5	57
18	Updates in Reproduction Coming from the Endocannabinoid System. International Journal of Endocrinology, 2014, 2014, 1-16.	1.5	56

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19	Stage-specific Integration of Maternal and Embryonic Peroxisome Proliferator-activated Receptor Î´ Signaling Is Critical to Pregnancy Success. Journal of Biological Chemistry, 2007, 282, 37770-37782.	3.4	55
20	Genetic Loss of Faah Compromises Male Fertility in Mice1. Biology of Reproduction, 2009, 80, 235-242.	2.7	45
21	Deletion of the tyrosine phosphatase Shp2 in Sertoli cells causes infertility in mice. Scientific Reports, 2015, 5, 12982.	3.3	41
22	Endocannabinoid signaling directs periimplantation events. AAPS Journal, 2006, 8, E425-E432.	4.4	38
23	Maternal BCAS2 protects genomic integrity in mouse early embryonic development. Development (Cambridge), 2015, 142, 3943-53.	2.5	35
24	Aquaporin-dependent excessive intrauterine fluid accumulation is a major contributor in hyper-estrogen induced aberrant embryo implantation. Cell Research, 2015, 25, 139-142.	12.0	35
25	NEDD8-mediated neddylation is required for human endometrial stromal proliferation and decidualization. Human Reproduction, 2015, 30, 1665-1676.	0.9	33
26	FoxM1 Directs STAT3 Expression Essential for Human Endometrial Stromal Decidualization. Scientific Reports, 2015, 5, 13735.	3.3	30
27	New insights into the function of Cullin 3 in trophoblast invasion and migration. Reproduction, 2015, 150, 139-149.	2.6	30
28	Rbbp7 Is Required for Uterine Stromal Decidualization in Mice1. Biology of Reproduction, 2015, 93, 13.	2.7	23
29	The roles of ERAS during cell lineage specification of mouse early embryonic development. Open Biology, 2015, 5, 150092.	3.6	21
30	Preimplantation Mouse Embryo Is a Target for Opioid Ligand-Receptor Signaling1. Biology of Reproduction, 2014, 91, 4.	2.7	16
31	Systemic Morphine Treatment Derails Normal Uterine Receptivity, Leading to Embryo Implantation Failure in Mice1. Biology of Reproduction, 2015, 92, 118.	2.7	16
32	Effects of individually silenced N-glycosylation sites and non-synonymous single-nucleotide polymorphisms on the fusogenic function of human syncytin-2. Cell Adhesion and Migration, 2016, 10, 39-55.	2.7	14
33	Conditional gene recombination by adenovirus-driven Cre in the mouse uterus. Genesis, 2006, 44, 51-56.	1.6	12
34	Uterine Prx2 restrains decidual differentiation through inhibiting lipolysis in mice. Cell and Tissue Research, 2016, 365, 403-414.	2.9	12
35	Endocannabinoids and Reproduction. International Journal of Endocrinology, 2014, 2014, 1-2.	1.5	11
36	MCM2 mediates progesterone-induced endometrial stromal cell proliferation and differentiation in mice. Endocrine, 2016, 53, 595-606.	2.3	11

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37	Developmental genes during placentation: insights from mouse mutants. Frontiers in Biology, 2011, 6, 300.	0.7	3
38	Spatiotemporal expression of endogenous opioid processing enzymes in mouse uterus at peri-implantation. Cell and Tissue Research, 2016, 363, 555-565.	2.9	1
39	Maternal HBEGF Deficiency Restricts Placentation in Mice.. Biology of Reproduction, 2008, 78, 74-74.	2.7	1