

Hiromichi Matsumoto

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,203
citations

623734

14
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1282
citing authors

#	ARTICLE	IF	CITATIONS
1	Global gene expression analysis identifies molecular pathways distinguishing blastocyst dormancy and activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10326-10331.	7.1	220
2	Indian Hedgehog as a Progesterone-Responsive Factor Mediating Epithelial-Mesenchymal Interactions in the Mouse Uterus. <i>Developmental Biology</i> , 2002, 245, 280-290.	2.0	170
3	Cyclooxygenase-2 Differentially Directs Uterine Angiogenesis during Implantation in Mice. <i>Journal of Biological Chemistry</i> , 2002, 277, 29260-29267.	3.4	152
4	Differential G protein-coupled cannabinoid receptor signaling by anandamide directs blastocyst activation for implantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14914-14919.	7.1	142
5	Diversification of Cyclooxygenase-2-Derived Prostaglandins in Ovulation and Implantation. <i>Biology of Reproduction</i> , 2001, 64, 1557-1565.	2.7	131
6	Cytosolic phospholipase A2alpha is crucial [correction of A2alpha deficiency is crucial] for 'on-time' embryo implantation that directs subsequent development. <i>Development (Cambridge)</i> , 2002, 129, 2879-89.	2.5	85
7	Molecular and cellular events during blastocyst implantation in the receptive uterus: clues from mouse models. <i>Journal of Reproduction and Development</i> , 2017, 63, 445-454.	1.4	44
8	Differential Expression of Ezrin/Radixin/Moesin (ERM) and ERM-Associated Adhesion Molecules in the Blastocyst and Uterus Suggests Their Functions During Implantation. <i>Biology of Reproduction</i> , 2004, 70, 729-736.	2.7	43
9	Tubulointerstitial Nephritis Antigen-Like 1 Is Expressed in the Uterus and Binds with Integrins in Decidualized Endometrium During Postimplantation in Mice. <i>Biology of Reproduction</i> , 2010, 82, 263-270.	2.7	26
10	Tubulointerstitial Nephritis Antigen-Like 1 Is Expressed in Extraembryonic Tissues and Interacts with Laminin 1 in the Reichert Membrane at Postimplantation in the Mouse. <i>Biology of Reproduction</i> , 2009, 81, 948-955.	2.7	23
11	Improvement of implantation potential in mouse blastocysts derived from IVF by combined treatment with prolactin, epidermal growth factor and 4-hydroxyestradiol. <i>Molecular Human Reproduction</i> , 2017, 23, 557-570.	2.8	20
12	Uterine angiogenesis during implantation and decidualization in mice. <i>Reproductive Medicine and Biology</i> , 2006, 5, 81-86.	2.4	18
13	Improvement of embryonic development and production of offspring by transferring meiosis-II chromosomes of senescent mouse oocytes into cytoplasts of young mouse oocytes. <i>Journal of Assisted Reproduction and Genetics</i> , 2009, 26, 35-39.	2.5	16
14	Uterine angiogenesis during implantation and decidualization in mice. <i>Reproductive Medicine and Biology</i> , 2006, 5, 81-86.	2.4	15
15	Impaired female fertility in tubulointerstitial antigen-like 1-deficient mice. <i>Journal of Reproduction and Development</i> , 2016, 62, 43-49.	1.4	15
16	Molecular and cellular events involved in the completion of blastocyst implantation. <i>Reproductive Medicine and Biology</i> , 2016, 15, 53-58.	2.4	14
17	Degradation of estrogen receptor α in activated blastocysts is associated with implantation in the delayed implantation mouse model. <i>Molecular Human Reproduction</i> , 2014, 20, 384-391.	2.8	13
18	Differential Expression of the Motin Family in the Peri-implantation Mouse Uterus and Their Hormonal Regulation. <i>Journal of Reproduction and Development</i> , 2012, 58, 649-653.	1.4	12

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19	Vitrifiedâ€warmed ovarian tissue autotransplantation into ovariectomized mice restores sufficient ovarian function to support fullâ€term pregnancy. <i>Reproductive Medicine and Biology</i> , 2011, 10, 185-191.	2.4	8
20	Distribution of tubulointerstitial nephritis antigen-like 1 and structural matrix proteins in mouse embryos during preimplantation development in vivo and in vitro. <i>Zygote</i> , 2014, 22, 259-265.	1.1	8
21	Extended uterine receptivity for blastocyst implantation and fullâ€term fetal development in mice with vitrifiedâ€warmed ovarian tissue autotransplantation. <i>Reproductive Medicine and Biology</i> , 2012, 11, 123-128.	2.4	7
22	Tubulointerstitial nephritis antigenâ€like 1 deficiency alleviates ageâ€dependent depressed ovulation associated with ovarian collagen deposition in mice. <i>Reproductive Medicine and Biology</i> , 2020, 19, 50-57.	2.4	7
23	Uterine Angiogenesis during Implantation in Mice. <i>Journal of Mammalian Ova Research</i> , 2007, 24, 45-49.	0.1	5
24	Differential Interactions between Embryo and Uterus During Implantation in Laboratory Animals. <i>Journal of Mammalian Ova Research</i> , 2009, 26, 111-115.	0.1	4
25	Angiogenesis and Hormonal Regulation on Uterine Receptivity for Blastocyst Implantation. <i>Journal of Mammalian Ova Research</i> , 2015, 32, 79-85.	0.1	4
26	Functional analysis reveals that Tinag11 is required for normal muscle development in mice through the activation of ERK signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119294.	4.1	1
27	Production of a Japanese Black calf designed genetically using reproductive technologies. <i>Nihon Chikusan Gakkaiho</i> , 2015, 86, 375-378.	0.2	0