

Wenbo Deng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1063546/publications.pdf>

Version: 2024-02-01

20
papers

577
citations

759233

12
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	Shp2 in uterine stromal cells critically regulates on time embryo implantation and stromal decidualization by multiple pathways during early pregnancy. <i>PLoS Genetics</i> , 2022, 18, e1010018.	3.5	8
2	Deciphering the endometrial niche of human thin endometrium at single-cell resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	47
3	Menin directs regionalized decidual transformation through epigenetically setting PTX3 to balance FGF and BMP signaling. <i>Nature Communications</i> , 2022, 13, 1006.	12.8	8
4	The Oligodendrocyte Transcription Factor 2 OLIG2 regulates transcriptional repression during myelinogenesis in rodents. <i>Nature Communications</i> , 2022, 13, 1423.	12.8	26
5	SOX4 facilitates PGR protein stability and FOXO1 expression conducive for human endometrial decidualization. <i>ELife</i> , 2022, 11, .	6.0	9
6	Efficient cell chatting between embryo and uterus ensures embryo implantation. <i>Biology of Reproduction</i> , 2022, 107, 339-348.	2.7	6
7	Sequential activation of uterine epithelial IGF1R by stromal IGF1 and embryonic IGF2 directs normal uterine preparation for embryo implantation. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 646-661.	3.3	15
8	Single-cell RNA-seq revealed diverse cell types in the mouse placenta at mid-gestation. <i>Experimental Cell Research</i> , 2021, 405, 112715.	2.6	13
9	Single-cell transcriptome analysis reveals defective decidua stromal niche attributes to recurrent spontaneous abortion. <i>Cell Proliferation</i> , 2021, 54, e13125.	5.3	36
10	Uterine deficiency of high-mobility group box-1 (HMGB1) protein causes implantation defects and adverse pregnancy outcomes. <i>Cell Death and Differentiation</i> , 2020, 27, 1489-1504.	11.2	26
11	Hyperactivated Wnt- β -catenin signaling in the absence of sFRP1 and sFRP5 disrupts trophoblast differentiation through repression of <i>Ascl2</i> . <i>BMC Biology</i> , 2020, 18, 151.	3.8	12
12	LncRNA- <i>Safe</i> contributes to cardiac fibrosis through <i>Safe</i> - <i>Sfrp2</i> -HuR complex in mouse myocardial infarction. <i>Theranostics</i> , 2019, 9, 7282-7297.	10.0	69
13	Endothelial Cells in the Decidual Bed Are Potential Therapeutic Targets for Preterm Birth Prevention. <i>Cell Reports</i> , 2019, 27, 1755-1768.e4.	6.4	31
14	Primary decidual zone formation requires Scribble for pregnancy success in mice. <i>Nature Communications</i> , 2019, 10, 5425.	12.8	42
15	Tridimensional visualization reveals direct communication between the embryo and glands critical for implantation. <i>Nature Communications</i> , 2018, 9, 603.	12.8	62
16	Metformin attenuates susceptibility to inflammation-induced preterm birth in mice with higher endocannabinoid levels. <i>Biology of Reproduction</i> , 2018, 98, 208-217.	2.7	10
17	Signature of circular RNAs in human induced pluripotent stem cells and derived cardiomyocytes. <i>Stem Cell Research and Therapy</i> , 2018, 9, 56.	5.5	61
18	Planar cell polarity signaling in the uterus directs appropriate positioning of the crypt for embryo implantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8079-E8088.	7.1	44

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19	Sustained Endocannabinoid Signaling Compromises Decidual Function and Promotes Inflammation-induced Preterm Birth. <i>Journal of Biological Chemistry</i> , 2016, 291, 8231-8240.	3.4	30
20	Uterine inactivation of muscle segment homeobox (<i>Msx</i>) genes alters epithelial cell junction proteins during embryo implantation. <i>FASEB Journal</i> , 2016, 30, 1425-1435.	0.5	22