

Mark Wossidlo

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,075
citations

840776

11
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

3346
citing authors

#	ARTICLE	IF	CITATIONS
1	Tet enzymes are essential for early embryogenesis and completion of embryonic genome activation. <i>EMBO Reports</i> , 2022, 23, e53968.	4.5	20
2	Reprogramming of DNA methylation is linked to successful human preimplantation development. <i>Histochemistry and Cell Biology</i> , 2021, 156, 197-207.	1.7	11
3	Zscan4 binds nucleosomal microsatellite DNA and protects mouse two-cell embryos from DNA damage. <i>Science Advances</i> , 2020, 6, eaaz9115.	10.3	39
4	Single cell expression analysis of primate-specific retroviruses-derived HPAT lincRNAs in viable human blastocysts identifies embryonic cells co-expressing genetic markers of multiple lineages. <i>Heliyon</i> , 2018, 4, e00667.	3.2	23
5	Functional topography of the fully grown human oocyte. <i>European Journal of Histochemistry</i> , 2017, 61, 2769.	1.5	13
6	Spatiotemporal Reconstruction of the Human Blastocyst by Single-Cell Gene-Expression Analysis Informs Induction of Naive Pluripotency. <i>Developmental Cell</i> , 2016, 38, 100-115.	7.0	35
7	YAP Induces Human Naive Pluripotency. <i>Cell Reports</i> , 2016, 14, 2301-2312.	6.4	157
8	The primate-specific noncoding RNA HPAT5 regulates pluripotency during human preimplantation development and nuclear reprogramming. <i>Nature Genetics</i> , 2016, 48, 44-52.	21.4	153
9	Selective impairment of methylation maintenance is the major cause of DNA methylation reprogramming in the early embryo. <i>Epigenetics and Chromatin</i> , 2015, 8, 1.	3.9	149
10	Intrinsic retroviral reactivation in human preimplantation embryos and pluripotent cells. <i>Nature</i> , 2015, 522, 221-225.	27.8	507
11	DNA Methylation Reprogramming in Preimplantation Development. <i>Epigenetics and Human Health</i> , 2015, , 69-99.	0.2	0
12	Dissecting the role of H3K64me3 in mouse pericentromeric heterochromatin. <i>Nature Communications</i> , 2013, 4, 2233.	12.8	30
13	5-Hydroxymethylcytosine in the mammalian zygote is linked with epigenetic reprogramming. <i>Nature Communications</i> , 2011, 2, 241.	12.8	674
14	Dynamic link of DNA demethylation, DNA strand breaks and repair in mouse zygotes. <i>EMBO Journal</i> , 2010, 29, 1877-1888.	7.8	221
15	DNA methylation reprogramming and DNA repair in the mouse zygote. <i>International Journal of Developmental Biology</i> , 2010, 54, 1565-1574.	0.6	16
16	Active DNA demethylation. , 0, , 91-103.		0