

Daisuke Mashiko

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

852
citations

1163117

8
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

1575
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of mutant mice by pronuclear injection of circular plasmid expressing Cas9 and single guided RNA. Scientific Reports, 2013, 3, 3355.	3.3	370
2	Sperm calcineurin inhibition prevents mouse fertility with implications for male contraceptive. Science, 2015, 350, 442-445.	12.6	137
3	Genome engineering uncovers 54 evolutionarily conserved and testis-enriched genes that are not required for male fertility in mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7704-7710.	7.1	134
4	Feasibility for a large scale mouse mutagenesis by injecting CRISPR/Cas plasmid into zygotes. Development Growth and Differentiation, 2014, 56, 122-129.	1.5	75
5	Heterochromatin Dynamics during the Differentiation Process Revealed by the DNA Methylation Reporter Mouse, MethylRO. Stem Cell Reports, 2014, 2, 910-924.	4.8	40
6	3D convolutional neural networks-based segmentation to acquire quantitative criteria of the nucleus during mouse embryogenesis. Npj Systems Biology and Applications, 2020, 6, 32.	3.0	30
7	Chromosome segregation error during early cleavage in mouse pre-implantation embryo does not necessarily cause developmental failure after blastocyst stage. Scientific Reports, 2020, 10, 854.	3.3	24
8	SPATA33 localizes calcineurin to the mitochondria and regulates sperm motility in mice. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
9	Chromosome counting in the mouse zygote using low-invasive super-resolution live-cell imaging. Genes To Cells, 2022, 27, 214-228.	1.2	8
10	Asynchronous division at 4-cell stage of preimplantation embryos affects live birth through ICM/TE differentiation. Scientific Reports, 2022, 12, .	3.3	6
11	Micronucleus formation during early cleavage division is a potential hallmark of preimplantation embryonic loss in cattle. Biochemical and Biophysical Research Communications, 2022, 617, 25-32.	2.1	4
12	Nuclear formation induced by DNA-conjugated beads in living fertilised mouse egg. Scientific Reports, 2019, 9, 8461.	3.3	2
13	Heterochromatin Dynamics during the Differentiation Process Revealed by the DNA Methylation Reporter Mouse, MethylRO. Stem Cell Reports, 2014, 3, 216.	4.8	1
14	Search for morphological indicators that predict implantation by principal component analysis using images of blastocyst. PeerJ, 0, 10, e13441.	2.0	0