

Takuya Wakai

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

410
citations

933447

10
h-index

1281871

11
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11
all docs

11
docs citations

11
times ranked

480
citing authors

#	ARTICLE	IF	CITATIONS
1	Ca ²⁺ Signaling and Homeostasis in Mammalian Oocytes and Eggs. Cold Spring Harbor Perspectives in Biology, 2019, 11, a035162.	5.5	22
2	Constitutive IP3R1-mediated Ca ²⁺ release reduces Ca ²⁺ store content and stimulates mitochondrial metabolism in mouse GV oocytes. Journal of Cell Science, 2019, 132, .	2.0	23
3	XY oocytes of sex-reversed females with a Sry mutation deviate from the normal developmental process beyond the mitotic stage. Biology of Reproduction, 2019, 100, 697-710.	2.7	5
4	DNA Methylation Errors in Cloned Mouse Sperm by Germ Line Barrier Evasion1. Biology of Reproduction, 2016, 94, 128.	2.7	12
5	Forced expression of DNA methyltransferases during oocyte growth accelerates the establishment of methylation imprints but not functional genomic imprinting. Human Molecular Genetics, 2014, 23, 3853-3864.	2.9	23
6	Mitochondrial dynamics controlled by mitofusins define organelle positioning and movement during mouse oocyte maturation. Molecular Human Reproduction, 2014, 20, 1090-1100.	2.8	67
7	Ca ²⁺ homeostasis and regulation of ER Ca ²⁺ in mammalian oocytes/eggs. Cell Calcium, 2013, 53, 63-67.	2.4	57
8	Regulation of endoplasmic reticulum Ca ²⁺ oscillations in mammalian eggs. Journal of Cell Science, 2013, 126, 5714-24.	2.0	64
9	Ca ²⁺ influx and the store-operated Ca ²⁺ entry pathway undergo regulation during mouse oocyte maturation. Molecular Biology of the Cell, 2013, 24, 1396-1410.	2.1	44
10	Regulation of inositol 1,4,5-trisphosphate receptor function during mouse oocyte maturation. Journal of Cellular Physiology, 2012, 227, 705-717.	4.1	42
11	Ca ²⁺ Signaling During Mammalian Fertilization: Requirements, Players, and Adaptations. Cold Spring Harbor Perspectives in Biology, 2011, 3, a006767-a006767.	5.5	51