Yuki Okada

List of Publications by Year
in descending order

30 papers	1,287 citations	687220 13 h-index	677027 22 g-index
32 all docs	32 docs citations	32 times ranked	2066 citing authors

#	Article	IF	Citations
1	Histone demethylase JHDM2A is critical for Tnp1 and Prm1 transcription and spermatogenesis. Nature, 2007, 450, 119-123.	13.7	350
2	A role for the elongator complex in zygotic paternal genome demethylation. Nature, 2010, 463, 554-558.	13.7	258
3	Re-evaluating the Localization of Sperm-Retained Histones Revealed the Modification-Dependent Accumulation in Specific Genome Regions. Cell Reports, 2018, 23, 3920-3932.	2.9	92
4	Testis-Specific Histone Variant H3t Gene Is Essential for Entry into Spermatogenesis. Cell Reports, 2017, 18, 593-600.	2.9	82
5	Histone Demethylase JHDM2A Is Involved in Male Infertility and Obesity. Journal of Andrology, 2010, 31, 75-78.	2.0	73
6	Paternal H3K4 methylation is required for minor zygotic gene activation and early mouse embryonic development. EMBO Reports, 2015, 16, 803-812.	2.0	69
7	ARCN1 Mutations Cause a Recognizable Craniofacial Syndrome Due to COPI-Mediated Transport Defects. American Journal of Human Genetics, 2016, 99, 451-459.	2.6	65
8	A widespread family of heat-resistant obscure (Hero) proteins protect against protein instability and aggregation. PLoS Biology, 2020, 18, e3000632.	2.6	51
9	Epigenetic modifications and reprogramming in paternal pronucleus: sperm, preimplantation embryo, and beyond. Cellular and Molecular Life Sciences, 2017, 74, 1957-1967.	2.4	42
10	Neonatal testis growth recreated in vitro by twoâ€dimensional organ spreading. Biotechnology and Bioengineering, 2018, 115, 3030-3041.	1.7	37
11	Meiotic cohesins mediate initial loading of HORMAD1 to the chromosomes and coordinate SC formation during meiotic prophase. PLoS Genetics, 2020, 16, e1009048.	1.5	33
12	Meikinâ€associated poloâ€like kinase specifies Bub1 distribution in meiosis I. Genes To Cells, 2017, 22, 552-567.	0.5	30
13	PHF7 Modulates BRDT Stability and Histone-to-Protamine Exchange during Spermiogenesis. Cell Reports, 2020, 32, 107950.	2.9	23
14	Identification of a variant-specific phosphorylation of TH2A during spermiogenesis. Scientific Reports, 2017, 7, 46228.	1.6	14
15	Rubicon prevents autophagic degradation of GATA4 to promote Sertoli cell function. PLoS Genetics, 2021, 17, e1009688.	1.5	13
16	TH2A is phosphorylated at meiotic centromere by Haspin. Chromosoma, 2017, 126, 769-780.	1.0	12
17	Generation of a dual-color reporter mouse line to monitor spermatogenesis in vivo. Frontiers in Cell and Developmental Biology, 2014, 2, 30.	1.8	9
18	Identification and characterization of the antigen recognized by the germ cell mAb TRA98 using a human comprehensive wet protein array. Genes To Cells, 2021, 26, 180-189.	0.5	8

#	Article	IF	Citations
19	Single cell RNA-sequencing identified Dec2 as a suppressive factor for spermatogonial differentiation by inhibiting Sohlh1 expression. Scientific Reports, 2019, 9, 6063.	1.6	7
20	Sperm chromatin condensation: epigenetic mechanisms to compact the genome and spatiotemporal regulation from inside and outside the nucleus. Genes and Genetic Systems, 2022, 97, 41-53.	0.2	7
21	Sperm chromatin structure: Insights from inÂvitro to in situ experiments. Current Opinion in Cell Biology, 2022, 75, 102075.	2.6	6
22	Protocol for isolation of spermatids from mouse testes. STAR Protocols, 2021, 2, 100254.	0.5	5
23	KM mutant highlights enhancers in minor ZGA. Cell Cycle, 2015, 14, 2541-2542.	1.3	0
24	Use of Histone K-M Mutants for the Analysis of Transcriptional Regulation in Mouse Zygotes. Methods in Molecular Biology, 2017, 1605, 259-270.	0.4	0
25	Title is missing!. , 2020, 18, e3000632.		0
26	Title is missing!. , 2020, 18, e3000632.		0
27	Title is missing!. , 2020, 18, e3000632.		0
28	Title is missing!. , 2020, 18, e3000632.		0
29	Title is missing!. , 2020, 18, e3000632.		0
30	Title is missing!. , 2020, 18, e3000632.		0