

Kehkooi Kee

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,128
citations

394421

19
h-index

501196

28
g-index

33
all docs

33
docs citations

33
times ranked

2886
citing authors

#	ARTICLE	IF	CITATIONS
1	Allelic reprogramming of the histone modification H3K4me3 in early mammalian development. <i>Nature</i> , 2016, 537, 553-557.	27.8	516
2	Human DAZL, DAZ and BOULE genes modulate primordial germ-cell and haploid gamete formation. <i>Nature</i> , 2009, 462, 222-225.	27.8	450
3	Bone Morphogenetic Proteins Induce Germ Cell Differentiation from Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2006, 15, 831-837.	2.1	230
4	Human germ cell differentiation from fetal- and adult-derived induced pluripotent stem cells. <i>Human Molecular Genetics</i> , 2011, 20, 752-762.	2.9	230
5	Single-Cell 5-Formylcytosine Landscapes of Mammalian Early Embryos and ESCs at Single-Base Resolution. <i>Cell Stem Cell</i> , 2017, 20, 720-731.e5.	11.1	135
6	In vitro differentiation of human embryonic stem cells into ovarian follicle-like cells. <i>Nature Communications</i> , 2017, 8, 15680.	12.8	82
7	Whole-exome sequencing identified a homozygous BRDT mutation in a patient with acephalic spermatozoa. <i>Oncotarget</i> , 2017, 8, 19914-19922.	1.8	70
8	Induction of Sertoli-like cells from human fibroblasts by NR5A1 and GATA4. <i>ELife</i> , 2019, 8, .	6.0	40
9	A homozygous <i>NOBOX</i> truncating variant causes defective transcriptional activation and leads to primary ovarian insufficiency. <i>Human Reproduction</i> , 2017, 32, 248-255.	0.9	37
10	An inducible CRISPR-ON system for controllable gene activation in human pluripotent stem cells. <i>Protein and Cell</i> , 2017, 8, 379-393.	11.0	36
11	Studying human reproductive biology through single-cell analysis and in vitro differentiation of stem cells into germ cell-like cells. <i>Human Reproduction Update</i> , 2020, 26, 670-688.	10.8	31
12	SLC22A14 is a mitochondrial riboflavin transporter required for sperm oxidative phosphorylation and male fertility. <i>Cell Reports</i> , 2021, 35, 109025.	6.4	31
13	HPV16 early gene E5 specifically reduces miRNA-196a in cervical cancer cells. <i>Scientific Reports</i> , 2015, 5, 7653.	3.3	30
14	Human Primordial Germ Cell Formation Is Diminished by Exposure to Environmental Toxicants Acting through the AHR Signaling Pathway. <i>Toxicological Sciences</i> , 2010, 117, 218-224.	3.1	28
15	A dominant negative mutation at the ATP binding domain of <i>AMHR2</i> is associated with a defective anti-Müllerian hormone signaling pathway. <i>Molecular Human Reproduction</i> , 2016, 22, 669-678.	2.8	28
16	Creating a monomeric endonuclease TALE-I-SceI with high specificity and low genotoxicity in human cells. <i>Nucleic Acids Research</i> , 2015, 43, 1112-1122.	14.5	24
17	Sequence variants of <i>KHDRBS1</i> as high penetrance susceptibility risks for primary ovarian insufficiency by mis-regulating mRNA alternative splicing. <i>Human Reproduction</i> , 2017, 32, 2138-2146.	0.9	24
18	FAK-targeting PROTAC as a chemical tool for the investigation of non-enzymatic FAK function in mice. <i>Protein and Cell</i> , 2020, 11, 534-539.	11.0	24

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19	Single-cell multiomic analysis of in vivo and in vitro matured human oocytes. <i>Human Reproduction</i> , 2020, 35, 886-900.	0.9	20
20	ATetrahymena thermophilaG4-DNA Binding Protein with Dihydrolipoamide Dehydrogenase Activityâ€. <i>Biochemistry</i> , 1998, 37, 4224-4234.	2.5	19
21	5-Formylcytosine landscapes of human preimplantation embryos at single-cell resolution. <i>PLoS Biology</i> , 2020, 18, e3000799.	5.6	8
22	Testicular germline stem cells. <i>Nature Reviews Urology</i> , 2010, 7, 94-100.	3.8	7
23	IGSF11 is required for pericentric heterochromatin dissociation during meiotic diplotene. <i>PLoS Genetics</i> , 2021, 17, e1009778.	3.5	7
24	Insights into female germ cell biology: from in vivo development to in vitro derivations. <i>Asian Journal of Andrology</i> , 2015, 17, 415.	1.6	7
25	Changes in the Mitochondria-Related Nuclear Gene Expression Profile during Human Oocyte Maturation by the IVM Technique. <i>Cells</i> , 2022, 11, 297.	4.1	6
26	Human Germ Cell Lineage Differentiation from Embryonic Stem Cells. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot5048-pdb.prot5048.	0.3	5
27	Quality criteria for in vitro human pluripotent stem cell-derived models of tissue-based cells. <i>Reproductive Toxicology</i> , 2022, 112, 36-50.	2.9	2
28	Generating a Genome Editing Nuclease for Targeted Mutagenesis in Human Cells. <i>Methods in Molecular Biology</i> , 2017, 1498, 153-162.	0.9	1
29	Induction of Sertoli Cells from Human Fibroblasts by NR5A1 and GATA4. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
30	Reply: Will Single-Cell RNAseq decipher stem cells biology in normal and cancerous tissues?. <i>Human Reproduction Update</i> , 2021, 27, 423-423.	10.8	0