

Hiroshi Ohta

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

4,121
citations

471509

17
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

3116
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstitution of the Mouse Germ Cell Specification Pathway in Culture by Pluripotent Stem Cells. <i>Cell</i> , 2011, 146, 519-532.	28.9	1,156
2	Offspring from Oocytes Derived from in Vitro Primordial Germ Cell-like Cells in Mice. <i>Science</i> , 2012, 338, 971-975.	12.6	645
3	A Signaling Principle for the Specification of the Germ Cell Lineage in Mice. <i>Cell</i> , 2009, 137, 571-584.	28.9	471
4	Robust In Vitro Induction of Human Germ Cell Fate from Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2015, 17, 178-194.	11.1	428
5	Induction of mouse germ-cell fate by transcription factors in vitro. <i>Nature</i> , 2013, 501, 222-226.	27.8	277
6	A Mesodermal Factor, T, Specifies Mouse Germ Cell Fate by Directly Activating Germline Determinants. <i>Developmental Cell</i> , 2013, 27, 516-529.	7.0	206
7	Quantitative Dynamics of Chromatin Remodeling during Germ Cell Specification from Mouse Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2015, 16, 517-532.	11.1	166
8	In Vitro Derivation and Propagation of Spermatogonial Stem Cell Activity from Mouse Pluripotent Stem Cells. <i>Cell Reports</i> , 2016, 17, 2789-2804.	6.4	136
9	Bone morphogenetic protein and retinoic acid synergistically specify female germ cell fate in mice. <i>EMBO Journal</i> , 2017, 36, 3100-3119.	7.8	105
10	In vitro expansion of mouse primordial germ cell-like cells recapitulates an epigenetic blank slate. <i>EMBO Journal</i> , 2017, 36, 1888-1907.	7.8	92
11	In Vitro reconstitution of the whole male germ-cell development from mouse pluripotent stem cells. <i>Cell Stem Cell</i> , 2021, 28, 2167-2179.e9.	11.1	75
12	ZGLP1 is a determinant for the oogenic fate in mice. <i>Science</i> , 2020, 367, .	12.6	69
13	Commitment of Fetal Male Germ Cells to Spermatogonial Stem Cells During Mouse Embryonic Development I. <i>Biology of Reproduction</i> , 2004, 70, 1286-1291.	2.7	53
14	Fertile offspring from sterile sex chromosome trisomic mice. <i>Science</i> , 2017, 357, 932-935.	12.6	45
15	Long-term expansion with germline potential of human primordial germ cell-like cells in vitro. <i>EMBO Journal</i> , 2020, 39, e104929.	7.8	43
16	Induction of the germ cell fate from pluripotent stem cells in cynomolgus monkeys. <i>Biology of Reproduction</i> , 2020, 102, 620-638.	2.7	40
17	Flexible adaptation of male germ cells from female iPSCs of endangered <i>Tokudaia osimensis</i> . <i>Science Advances</i> , 2017, 3, e1602179.	10.3	28
18	The embryonic ontogeny of the gonadal somatic cells in mice and monkeys. <i>Cell Reports</i> , 2021, 35, 109075.	6.4	25

#	ARTICLE	IF	CITATIONS
19	Persistent Requirement and Alteration of the Key Targets of PRDM1 During Primordial Germ Cell Development in Mice. <i>Biology of Reproduction</i> , 2016, 94, 7.	2.7	16
20	Principles for the regulation of multiple developmental pathways by a versatile transcriptional factor, BLIMP1. <i>Nucleic Acids Research</i> , 2017, 45, 12152-12169.	14.5	12
21	Cyclosporin A and FGF signaling support the proliferation/survival of mouse primordial germ cell-like cells in vitro. <i>Biology of Reproduction</i> , 2021, 104, 344-360.	2.7	12
22	Nucleome programming is required for the foundation of totipotency in mammalian germline development. <i>EMBO Journal</i> , 2022, 41, .	7.8	9
23	Induction of fetal primary oocytes and the meiotic prophase from mouse pluripotent stem cells. <i>Methods in Cell Biology</i> , 2018, 144, 409-429.	1.1	8
24	Optimized protocol to derive germline stem-cell-like cells from mouse pluripotent stem cells. <i>STAR Protocols</i> , 2022, 3, 101544.	1.2	4