Hiroshi Ohta

List of Publications by Year
in descending order

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	Nucleome programming is required for the foundation of totipotency in mammalian germline development. EMBO Journal, 2022, 41, .	7.8	9
2	Optimized protocol to derive germline stem-cell-like cells from mouse pluripotent stem cells. STAR Protocols, 2022, 3, 101544.	1.2	4
3	Cyclosporin A and FGF signaling support the proliferation/survival of mouse primordial germ cell-like cells in vitroâ€. Biology of Reproduction, 2021, 104, 344-360.	2.7	12
4	The embryonic ontogeny of the gonadal somatic cells in mice and monkeys. Cell Reports, 2021, 35, 109075.	6.4	25
5	InÂvitro reconstitution of the whole male germ-cell development from mouse pluripotent stem cells. Cell Stem Cell, 2021, 28, 2167-2179.e9.	11.1	75
6	Induction of the germ cell fate from pluripotent stem cells in cynomolgus monkeysâ€. Biology of Reproduction, 2020, 102, 620-638.	2.7	40
7	Longâ€term expansion with germline potential of human primordial germ cellâ€like cells <i>inÂvitro</i>. EMBO Journal, 2020, 39, e104929.	7.8	43
8	ZGLP1 is a determinant for the oogenic fate in mice. Science, 2020, 367, .	12.6	69
9	Induction of fetal primary oocytes and the meiotic prophase from mouse pluripotent stem cells. Methods in Cell Biology, 2018, 144, 409-429.	1.1	8
10	Flexible adaptation of male germ cells from female iPSCs of endangered <i>Tokudaia osimensis</i>. Science Advances, 2017, 3, e1602179.	10.3	28
11	<i>In vitro</i> expansion of mouse primordial germ cellâ€like cells recapitulates an epigenetic blank slate. EMBO Journal, 2017, 36, 1888-1907.	7.8	92
12	Bone morphogenetic protein and retinoic acid synergistically specify female germâ€cell fate in mice. EMBO Journal, 2017, 36, 3100-3119.	7.8	105
13	Fertile offspring from sterile sex chromosome trisomic mice. Science, 2017, 357, 932-935.	12.6	45
14	Principles for the regulation of multiple developmental pathways by a versatile transcriptional factor, BLIMP1. Nucleic Acids Research, 2017, 45, 12152-12169.	14.5	12
15	InÂVitro Derivation and Propagation of Spermatogonial Stem Cell Activity from Mouse Pluripotent Stem Cells. Cell Reports, 2016, 17, 2789-2804.	6.4	136
16	Persistent Requirement and Alteration of the Key Targets of PRDM1 During Primordial Germ Cell Development in Mice1. Biology of Reproduction, 2016, 94, 7.	2.7	16
17	Robust InÂVitro Induction of Human Germ Cell Fate from Pluripotent Stem Cells. Cell Stem Cell, 2015, 17, 178-194.	11.1	428
18	Quantitative Dynamics of Chromatin Remodeling during Germ Cell Specification from Mouse Embryonic Stem Cells. Cell Stem Cell, 2015, 16, 517-532.	11.1	166

#	Article	IF	Citations
19	Induction of mouse germ-cell fate by transcription factors in vitro. Nature, 2013, 501, 222-226.	27.8	277
20	A Mesodermal Factor, T, Specifies Mouse Germ Cell Fate by Directly Activating Germline Determinants. Developmental Cell, 2013, 27, 516-529.	7.0	206
21	Offspring from Oocytes Derived from in Vitro Primordial Germ Cellâ€“like Cells in Mice. Science, 2012, 338, 971-975.	12.6	645
22	Reconstitution of the Mouse Germ Cell Specification Pathway in Culture by Pluripotent Stem Cells. Cell, 2011, 146, 519-532.	28.9	1,156
23	A Signaling Principle for the Specification of the Germ Cell Lineage in Mice. Cell, 2009, 137, 571-584.	28.9	471
24	Commitment of Fetal Male Germ Cells to Spermatogonial Stem Cells During Mouse Embryonic Development1. Biology of Reproduction, 2004, 70, 1286-1291.	2.7	53