

Meena Sukhwani

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,368
citations

471509

17
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1569
citing authors

#	ARTICLE	IF	CITATIONS
1	Autologous grafting of cryopreserved prepubertal rhesus testis produces sperm and offspring. <i>Science</i> , 2019, 363, 1314-1319.	12.6	217
2	Spermatogonial stem cells in higher primates: are there differences from those in rodents?. <i>Reproduction</i> , 2010, 139, 479-493.	2.6	154
3	Single-Cell RNA Sequencing of Human, Macaque, and Mouse Testes Uncovers Conserved and Divergent Features of Mammalian Spermatogenesis. <i>Developmental Cell</i> , 2020, 54, 529-547.e12.	7.0	150
4	Fluorescence- and magnetic-activated cell sorting strategies to isolate and enrich human spermatogonial stem cells. <i>Fertility and Sterility</i> , 2014, 102, 566-580.e7.	1.0	134
5	Eliminating malignant contamination from therapeutic human spermatogonial stem cells. <i>Journal of Clinical Investigation</i> , 2013, 123, 1833-1843.	8.2	119
6	Fate of iPSCs Derived from Azoospermic and Fertile Men following Xenotransplantation to Murine Seminiferous Tubules. <i>Cell Reports</i> , 2014, 7, 1284-1297.	6.4	91
7	Fate of induced pluripotent stem cells following transplantation to murine seminiferous tubules. <i>Human Molecular Genetics</i> , 2014, 23, 3071-3084.	2.9	56
8	High telomerase is a hallmark of undifferentiated spermatogonia and is required for maintenance of male germline stem cells. <i>Genes and Development</i> , 2015, 29, 2420-2434.	5.9	56
9	Purification of GFR α 1+ and GFR α 1 β Spermatogonial Stem Cells Reveals a Niche-Dependent Mechanism for Fate Determination. <i>Stem Cell Reports</i> , 2018, 10, 553-567.	4.8	54
10	The Homeobox Transcription Factor RHOX10 Drives Mouse Spermatogonial Stem Cell Establishment. <i>Cell Reports</i> , 2016, 17, 149-164.	6.4	50
11	Differentiation of primate primordial germ cell-like cells following transplantation into the adult gonadal niche. <i>Nature Communications</i> , 2018, 9, 5339.	12.8	47
12	Single-cell analysis of human testis aging and correlation with elevated body mass index. <i>Developmental Cell</i> , 2022, 57, 1160-1176.e5.	7.0	47
13	Transcriptome profiling reveals signaling conditions dictating human spermatogonia fate in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17832-17841.	7.1	46
14	Pedigree Primate Embryonic Stem Cells Express Homogeneous Familial Gene Profiles. <i>Stem Cells</i> , 2007, 25, 2695-2704.	3.2	28
15	TCF21+ mesenchymal cells contribute to testis somatic cell development, homeostasis, and regeneration in mice. <i>Nature Communications</i> , 2021, 12, 3876.	12.8	27
16	Human germ cell formation in xenotransplants of induced pluripotent stem cells carrying X chromosome aneuploidies. <i>Scientific Reports</i> , 2014, 4, 6432.	3.3	24
17	Over Expression of NANOS3 and DAZL in Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0165268.	2.5	22
18	Primate Primordial Germ Cells Acquire Transplantation Potential by Carnegie Stage 23. <i>Stem Cell Reports</i> , 2017, 9, 329-341.	4.8	18

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19	Germ cell transplantation into mouse testes procedure. Fertility and Sterility, 2014, 102, e11-e12.	1.0	16
20	DDX4-EGFP transgenic rat model for the study of germline development and spermatogenesis. Biology of Reproduction, 2017, 96, 707-719.	2.7	12
21	Recent Progress Studying Spermatogonial Stem Cells in Primates.. Biology of Reproduction, 2008, 78, 89-90.	2.7	0