

# Kang Zou

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

974  
citations

759233

12  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

844  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of offspring from a germline stem cell line derived from neonatal ovaries. <i>Nature Cell Biology</i> , 2009, 11, 631-636.	10.3	529
2	Production of transgenic mice by random recombination of targeted genes in female germline stem cells. <i>Journal of Molecular Cell Biology</i> , 2011, 3, 132-141.	3.3	97
3	Improved Efficiency of Female Germline Stem Cell Purification Using Fragilis-Based Magnetic Bead Sorting. <i>Stem Cells and Development</i> , 2011, 20, 2197-2204.	2.1	92
4	Melatonin protects spermatogonia from the stress of chemotherapy and oxidation via eliminating reactive oxidative species. <i>Free Radical Biology and Medicine</i> , 2019, 137, 74-86.	2.9	36
5	Short-type PB-cadherin promotes self-renewal of spermatogonial stem cells via multiple signaling pathways. <i>Cellular Signalling</i> , 2008, 20, 1052-1060.	3.6	32
6	Comparison of different in vitro differentiation conditions for murine female germline stem cells. <i>Cell Proliferation</i> , 2019, 52, e12530.	5.3	22
7	Androgen promotes differentiation of PLZF+ spermatogonia pool via indirect regulatory pattern. <i>Cell Communication and Signaling</i> , 2019, 17, 57.	6.5	21
8	Advances in Isolation Methods for Spermatogonial Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 15-25.	5.6	18
9	Cadherin 22 participates in the self-renewal of mouse female germ line stem cells via interaction with JAK2 and $\beta$ -catenin. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1241-1253.	5.4	17
10	AKT3 Is a Pivotal Molecule of Cadherin-22 and GDNF Family Receptor- $\pm$ 1 Signal Pathways Regulating Self-Renewal in Female Germline Stem Cells. <i>Stem Cells</i> , 2019, 37, 1095-1107.	3.2	16
11	PLZF suppresses differentiation of mouse spermatogonial progenitor cells via binding of differentiation associated genes. <i>Journal of Cellular Physiology</i> , 2020, 235, 3033-3042.	4.1	16
12	Busulfan Suppresses Autophagy in Mouse Spermatogonial Progenitor Cells via mTOR of AKT and p53 Signaling Pathways. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 1242-1255.	3.8	14
13	The Progresses of Spermatogonial Stem Cells Sorting Using Fluorescence-Activated Cell Sorting. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 94-102.	3.8	11
14	LZTS2 and PTEN collaboratively regulate $\beta$ -catenin in prostatic tumorigenesis. <i>PLoS ONE</i> , 2017, 12, e0174357.	2.5	10
15	Hyperactive reactive oxygen species impair function of porcine Sertoli cells via suppression of surface protein ITGB1 and connexin-43. <i>Zoological Research</i> , 2020, 41, 203-207.	2.1	9
16	Androgen Indirectly Regulates Gap Junction Component Connexin 43 Through Wilms Tumor-1 in Sertoli Cells. <i>Stem Cells and Development</i> , 2020, 29, 169-176.	2.1	8
17	Protective Effect of Resveratrol on Immortalized Duck Intestinal Epithelial Cells Exposed to H <sub>2</sub> O <sub>2</sub> . <i>Molecules</i> , 2022, 27, 3542.	3.8	8
18	Germline Stem Cells: A Useful Tool for Therapeutic Cloning. <i>Current Stem Cell Research and Therapy</i> , 2018, 13, 236-242.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Analysis of chromatin accessibility in <i>p53</i> deficient spermatogonial stem cells for high frequency transformation into pluripotent state. <i>Cell Proliferation</i> , 2022, 55, e13195.	5.3	5
20	Progress in <i>in vitro</i> culture and gene editing of porcine spermatogonial stem cells. <i>Zoological Research</i> , 2019, 40, 343-348.	2.1	4
21	Progress in germline stem cell transplantation in mammals and the potential usage. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 59.	3.3	1