Dingxiao Zhang

List of Publications by Year
in descending order

33 papers	1,346 citations	361413 20 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	2474 citing authors

#	Article	IF	Citations
1	MicroRNA-141 suppresses prostate cancer stem cells and metastasis by targeting a cohort of pro-metastasis genes. Nature Communications, 2017, 8, 14270.	12.8	187
2	Stem cell and neurogenic gene-expression profiles link prostate basal cells to aggressive prostate cancer. Nature Communications, 2016, 7, 10798.	12.8	166
3	Cancer stem cells: Regulation programs, immunological properties and immunotherapy. Seminars in Cancer Biology, 2018, 52, 94-106.	9.6	100
4	Linking prostate cancer cell AR heterogeneity to distinct castration and enzalutamide responses. Nature Communications, 2018, 9, 3600.	12.8	96
5	Intron retention is a hallmark and spliceosome represents a therapeutic vulnerability in aggressive prostate cancer. Nature Communications, 2020, 11, 2089.	12.8	83
6	Defining a Population of Stem-like Human Prostate Cancer Cells That Can Generate and Propagate Castration-Resistant Prostate Cancer. Clinical Cancer Research, 2016, 22, 4505-4516.	7.0	78
7	Arginine and Glutamate-rich 1 (ARGLU1) Interacts with Mediator Subunit 1 (MED1) and Is Required for Estrogen Receptor-mediated Gene Transcription and Breast Cancer Cell Growth. Journal of Biological Chemistry, 2011, 286, 17746-17754.	3.4	55
8	Prostate Luminal Progenitor Cells in Development and Cancer. Trends in Cancer, 2018, 4, 769-783.	7.4	54
9	miR-199a-3p targets stemness-related and mitogenic signaling pathways to suppress the expansion and tumorigenic capabilities of prostate cancer stem cells. Oncotarget, 2016, 7, 56628-56642.	1.8	48
10	Regulation of Maternal Gene Expression by MEK/MAPK and MPF Signaling in Porcine Oocytes During In Vitro Meiotic Maturation. Journal of Reproduction and Development, 2011, 57, 49-56.	1.4	43
11	NANOG reprograms prostate cancer cells to castration resistance via dynamically repressing and engaging the AR/FOXA1 signaling axis. Cell Discovery, 2016, 2, 16041.	6.7	41
12	Integrins regulate stemness in solid tumor: an emerging therapeutic target. Journal of Hematology and Oncology, 2021, 14, 177.	17.0	41
13	A link between the interleukinâ€6/Stat3 antiâ€apoptotic pathway and microRNAâ€21 in preimplantation mouse embryos. Molecular Reproduction and Development, 2009, 76, 854-862.	2.0	39
14	Aberrant epigenetic reprogramming of imprinted microRNA-127 and Rtl1 in cloned mouse embryos. Biochemical and Biophysical Research Communications, 2009, 379, 390-394.	2.1	37
15	Histone 2B-GFP Label-Retaining Prostate Luminal Cells Possess Progenitor Cell Properties and Are Intrinsically Resistant to Castration. Stem Cell Reports, 2018, 10, 228-242.	4.8	36
16	Ndc80 Regulates Meiotic Spindle Organization, Chromosome Alignment, and Cell Cycle Progression in Mouse Oocytes. Microscopy and Microanalysis, 2011, 17, 431-439.	0.4	34
17	Genetically engineered oncolytic bacteria as drug delivery systems for targeted cancer theranostics. Acta Biomaterialia, 2021, 124, 72-87.	8.3	29
18	Involvement of ERâ€“calreticulinâ€“Ca²⁺signaling in the regulation of porcine oocyte meiotic maturation and maternal gene expression. Molecular Reproduction and Development, 2010, 77, 462-471.	2.0	26

#	Article	IF	Citations
19	Molecular characterization and polyadenylationâ€•regulated expression of cyclin B1 and Cdc2 in porcine oocytes and early parthenotes. Molecular Reproduction and Development, 2010, 77, 38-50.	2.0	24
20	Tumor-suppressive functions of 15-Lipoxygenase-2 and RB1CC1 in prostate cancer. Cell Cycle, 2014, 13, 1798-1810.	2.6	22
21	Involvement of polyadenylation status on maternal gene expression during in vitro maturation of porcine oocytes. Molecular Reproduction and Development, 2009, 76, 881-889.	2.0	19
22	Developing a Novel Two-Dimensional Culture System to Enrich Human Prostate Luminal Progenitors that Can Function as a Cell of Origin for Prostate Cancer. Stem Cells Translational Medicine, 2017, 6, 748-760.	3.3	19
23	Longitudinal tracking of subpopulation dynamics and molecular changes during LNCaP cell castration and identification of inhibitors that could target the PSAâˆ'/lo castration-resistant cells. Oncotarget, 2016, 7, 14220-14240.	1.8	17
24	The DNA Methylation Status of Wnt and Tgfî² Signals Is a Key Factor on Functional Regulation of Skeletal Muscle Satellite Cell Development. Frontiers in Genetics, 2019, 10, 220.	2.3	15
25	RBM38 in cancer: role and mechanism. Cellular and Molecular Life Sciences, 2021, 78, 117-128.	5.4	13
26	AÂm6Avalue predictive of prostate cancer stemness, tumor immune landscape and immunotherapy response. NAR Cancer, 2022, 4, zcac010.	3.1	7
27	Chromosomal localization, spatio-temporal distribution and polymorphism of the porcine tripartite motif-containing 55 <i>(TRIM55) </i>gene. Cytogenetic and Genome Research, 2006, 114, 93B-93B.	1.1	6
28	â€œSpliceâ€•a way towards neuroendocrine prostate cancer. EBioMedicine, 2018, 35, 12-13.	6.1	4
29	The spliceosome as a new therapeutic vulnerability in aggressive prostate cancer. Molecular and Cellular Oncology, 2020, 7, 1778420.	0.7	3
30	Gene expression profiling of porcine skeletal muscle satellite cells after poly(I:C) stimulation. Gene, 2019, 695, 113-121.	2.2	2
31	Quantification of allelic differential expression using a simple Fluorescence primer PCR-RFLP-based method. Scientific Reports, 2019, 9, 6334.	3.3	1
32	Deep RNA-Seq analysis reveals unexpected features of human prostate basal epithelial cells. Genomics Data, 2016, 7, 318-320.	1.3	0
33	Transcriptome profiling links the intrinsic properties of human prostate basal cells to prostate cancer aggressiveness. Molecular and Cellular Oncology, 2016, 3, e1168508.	0.7	0