

Xin Cai

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

482
citations

933447

10
h-index

713466

21
g-index

29
all docs

29
docs citations

29
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	A specific PP2A regulatory subunit, B56 ^β , mediates DNA damage-induced dephosphorylation of p53 at Thr55. <i>EMBO Journal</i> , 2007, 26, 402-411.	7.8	141
2	Comparative analysis of testis transcriptomes associated with male infertility in cattleyak. <i>Theriogenology</i> , 2017, 88, 28-42.	2.1	56
3	Comparative iTRAQ proteomics revealed proteins associated with spermatogenic arrest of cattleyak. <i>Journal of Proteomics</i> , 2016, 142, 102-113.	2.4	30
4	Isolation and characterization of spermatogenic cells from cattle, yak and cattleyak. <i>Animal Reproduction Science</i> , 2018, 193, 182-190.	1.5	28
5	Bovid microRNAs involved in the process of spermatogonia differentiation into spermatocytes. <i>International Journal of Biological Sciences</i> , 2020, 16, 239-250.	6.4	24
6	Differentially expressed microRNAs between cattleyak and yak testis. <i>Scientific Reports</i> , 2018, 8, 592.	3.3	23
7	Region-specific gene expression in the epididymis of Yak. <i>Theriogenology</i> , 2019, 139, 132-146.	2.1	23
8	Testis transcriptome profiling identified genes involved in spermatogenic arrest of cattleyak. <i>PLoS ONE</i> , 2020, 15, e0229503.	2.5	23
9	Analysis of long non-coding RNAs in epididymis of cattleyak associated with male infertility. <i>Theriogenology</i> , 2021, 160, 61-71.	2.1	17
10	Gamma-irradiation increased meiotic crossovers in mouse spermatocytes. <i>Mutagenesis</i> , 2011, 26, 721-727.	2.6	13
11	Differential expression profile of microRNA in yak skeletal muscle and adipose tissue during development. <i>Genes and Genomics</i> , 2020, 42, 1347-1359.	1.4	13
12	Comparative RNA-Seq Analysis of Differentially Expressed Genes in the Epididymides of Yak and Cattleyak. <i>Current Genomics</i> , 2019, 20, 293-305.	1.6	11
13	Comparative rna-seq analysis of region-specific miRNA expression in the epididymis of cattleyak. <i>Reproduction in Domestic Animals</i> , 2021, 56, 555-576.	1.4	9
14	Comparative iTRAQ proteomics identified proteins associated with sperm maturation between yak and cattleyak epididymis. <i>BMC Veterinary Research</i> , 2021, 17, 255.	1.9	9
15	Next-generation sequencing analysis reveals segmental patterns of microRNA expression in yak epididymis. <i>Reproduction, Fertility and Development</i> , 2020, 32, 1067.	0.4	9
16	Testis transcriptome profiling identified lncRNAs involved in spermatogenic arrest of cattleyak. <i>Functional and Integrative Genomics</i> , 2021, 21, 665-678.	3.5	9
17	Improved Establishment of Embryonic Stem (ES) Cell Lines from the Chinese Kunming Mice by Hybridization with 129 Mice. <i>International Journal of Molecular Sciences</i> , 2014, 15, 3389-3402.	4.1	8
18	Phylogenetic lineages of <i>Monopterus albus</i> (Synbranchiformes: Synbranchidae) in China inferred from mitochondrial control region. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2013, 51, 38-44.	1.4	7

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19	Comparative testis proteome dataset between cattleyak and yak. Data in Brief, 2016, 8, 420-425.	1.0	7
20	Mitochondrial DNA Diversity of Monopterus albus from the Sichuan Basin of China. Biochemical Genetics, 2008, 46, 583-589.	1.7	6
21	Isolation and characterization of polymorphic microsatellites in the genome of Yak (Bos grunniens). Molecular Biology Reports, 2014, 41, 3829-3837.	2.3	6
22	Abundant variations of MC4R gene revealed by Phylogenies of Yak (Bos grunniens) and other mammals. Molecular Biology Reports, 2011, 38, 2733-2738.	2.3	5
23	High Altitude Hypoxia. Current Proteomics, 2021, 18, 447-457.	0.3	2
24	Bioinformatic Analysis of Phylogenetic Evolution of Chinese Cattle. , 2011, , .		1
25	Median-Joining Network Analysis of Phylogeny of Goat Breeds from South China. , 2011, , .		1
26	Comparative iTRAQ Proteomics Identified Myocardium Proteins Associated with Hypoxia of Yak. Current Proteomics, 2019, 16, 314-329.	0.3	1
27	Notice of Retraction: Effect of Ethidium Bromide on Meiotic Recombination during Spermatogenesis in Male Mice. , 2011, , .		0
28	Molecular Signalling Network and Response Mechanism Associated with Hypoxia in High Altitude Mammals. Current Proteomics, 2019, 16, .	0.3	0