Xin Cai

List of Publications by Year
in descending order

28	482	933447 10	713466 21
papers	citations	h-index	g-index

29	29	29	517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of long non-coding RNAs in epididymis of cattleyak associated with male infertility. Theriogenology, 2021, 160, 61-71.	2.1	17
2	Comparative rnaâ€seq analysis of regionâ€specific miRNA expression in the epididymis of cattleyak. Reproduction in Domestic Animals, 2021, 56, 555-576.	1.4	9
3	Comparative iTRAQ proteomics identified proteins associated with sperm maturation between yak and cattleyak epididymis. BMC Veterinary Research, 2021, 17, 255.	1.9	9
4	Testis transcriptome profiling identified lncRNAs involved in spermatogenic arrest of cattleyak. Functional and Integrative Genomics, 2021, 21, 665-678.	3.5	9
5	High Altitude Hypoxia. Current Proteomics, 2021, 18, 447-457.	0.3	2
6	Bovid microRNAs involved in the process of spermatogonia differentiation into spermatocytes. International Journal of Biological Sciences, 2020, 16, 239-250.	6.4	24
7	Differential expression profile of microRNA in yak skeletal muscle and adipose tissue during development. Genes and Genomics, 2020, 42, 1347-1359.	1.4	13
8	Testis transcriptome profiling identified genes involved in spermatogenic arrest of cattleyak. PLoS ONE, 2020, 15, e0229503.	2.5	23
9	Next-generation sequencing analysis reveals segmental patterns of microRNA expression in yak epididymis. Reproduction, Fertility and Development, 2020, 32, 1067.	0.4	9
10	Region-specific gene expression in the epididymis of Yak. Theriogenology, 2019, 139, 132-146.	2.1	23
11	Comparative RNA-Seq Analysis of Differentially Expressed Genes in the Epididymides of Yak and Cattleyak. Current Genomics, 2019, 20, 293-305.	1.6	11
12	Comparative iTRAQ Proteomics Identified Myocardium Proteins Associated with Hypoxia of Yak. Current Proteomics, 2019, 16, 314-329.	0.3	1
13	Molecular Signalling Network and Response Mechanism Associated with Hypoxia in High Altitude Mammals. Current Proteomics, 2019, 16, .	0.3	0
14	Isolation and characterization of spermatogenic cells from cattle, yak and cattleyak. Animal Reproduction Science, 2018, 193, 182-190.	1.5	28
15	Differentially expressed microRNAs between cattleyak and yak testis. Scientific Reports, 2018, 8, 592.	3.3	23
16	Comparative analysis of testis transcriptomes associated with male infertility in cattleyak. Theriogenology, 2017, 88, 28-42.	2.1	56
17	Comparative testis proteome dataset between cattleyak and yak. Data in Brief, 2016, 8, 420-425.	1.0	7
18	Comparative iTRAQ proteomics revealed proteins associated with spermatogenic arrest of cattleyak. Journal of Proteomics, 2016, 142, 102-113.	2.4	30

#	Article	IF	Citations
19	Improved Establishment of Embryonic Stem (ES) Cell Lines from the Chinese Kunming Mice by Hybridization with 129 Mice. International Journal of Molecular Sciences, 2014, 15, 3389-3402.	4.1	8
20	Isolation and characterization of polymorphic microsatellites in the genome of Yak (Bos grunniens). Molecular Biology Reports, 2014, 41, 3829-3837.	2.3	6
21	Phylogenetic lineages of Monopterus albus (Synbranchiformes: Synbranchidae) in China inferred from mitochondrial control region. Journal of Zoological Systematics and Evolutionary Research, 2013, 51, 38-44.	1.4	7
22	Bioinformatic Analysis of Phylogenetic Evolution of Chinese Cattle. , 2011, , .		1
23	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
24	Gamma-irradiation increased meiotic crossovers in mouse spermatocytes. Mutagenesis, 2011, 26, 721-727.	2.6	13
25	Median-Joining Network Analysis of Phylogeny of Goat Breeds from South China. , 2011, , .		1
26	Notice of Retraction: Effect of Ethidium Bromide on Meiotic Recombination during Spermatogenisis in Male Mice. , 2011, , .		0
27	Mitochondrial DNA Diversity of Monopterus albus from the Sichuan Basin of China. Biochemical Genetics, 2008, 46, 583-589.	1.7	6
28	A specific PP2A regulatory subunit, B56Î³, mediates DNA damage-induced dephosphorylation of p53 at Thr55. EMBO Journal, 2007, 26, 402-411.	7.8	141