

Yiyuan Niu

List of Publications by Year in descending order

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papers

716
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840776

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docs citations

13
times ranked

809
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of gene-modified goats targeting MSTN and FGF5 via zygote injection of CRISPR/Cas9 system. Scientific Reports, 2015, 5, 13878.	3.3	151
2	Whole-genome sequencing of eight goat populations for the detection of selection signatures underlying production and adaptive traits. Scientific Reports, 2016, 6, 38932.	3.3	132
3	Comparative Transcriptome Analysis of Fetal Skin Reveals Key Genes Related to Hair Follicle Morphogenesis in Cashmere Goats. PLoS ONE, 2016, 11, e0151118.	2.5	97
4	Disruption of FGF5 in Cashmere Goats Using CRISPR/Cas9 Results in More Secondary Hair Follicles and Longer Fibers. PLoS ONE, 2016, 11, e0164640.	2.5	75
5	Multiplex gene editing via CRISPR/Cas9 exhibits desirable muscle hypertrophy without detectable off-target effects in sheep. Scientific Reports, 2016, 6, 32271.	3.3	68
6	INDEL detection, the “Achilles heel” of precise genome editing: a survey of methods for accurate profiling of gene editing induced indels. Nucleic Acids Research, 2020, 48, 11958-11981.	14.5	51
7	Low incidence of SNVs and indels in trio genomes of Cas9-mediated multiplex edited sheep. BMC Genomics, 2018, 19, 397.	2.8	36
8	Efficient generation of goats with defined point mutation (I397V) in GDF9 through CRISPR/Cas9. Reproduction, Fertility and Development, 2018, 30, 307.	0.4	36
9	Generation of gene-edited sheep with a defined Booroola fecundity gene (FecBB) mutation in bone morphogenetic protein receptor type 1B (BMPR1B) via clustered regularly interspaced short palindromic repeat (CRISPR)/CRISPR-associated (Cas) 9. Reproduction, Fertility and Development, 2018, 30, 1616.	0.4	33
10	TGF α -overexpression based on the piggyBac transposon system in cashmere goats alters hair fiber characteristics. Transgenic Research, 2017, 26, 77-85.	2.4	18
11	Multiplex Gene Editing via CRISPR/Cas9 System in Sheep. Bio-protocol, 2017, 7, e2385.	0.4	3
12	CRISPR/Cas9-mediated VDR knockout plays an essential role in the growth of dermal papilla cells through enhanced relative genes. PeerJ, 2019, 7, e7230.	2.0	2