

Qiantao Zheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10180753/publications.pdf>

Version: 2024-02-01

13
papers

501
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

763
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconstitution of <i>UCP1</i> using CRISPR/Cas9 in the white adipose tissue of pigs decreases fat deposition and improves thermogenic capacity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9474-E9482.	7.1	137
2	One-step generation of triple gene-targeted pigs using CRISPR/Cas9 system. Scientific Reports, 2016, 6, 20620.	3.3	101
3	Efficient CRISPR/Cas9-mediated biallelic gene disruption and site-specific knockin after rapid selection of highly active sgRNAs in pigs. Scientific Reports, 2015, 5, 13348.	3.3	62
4	Thyroid hormone regulates hematopoiesis via the TR-KLF9 axis. Blood, 2017, 130, 2161-2170.	1.4	40
5	Pilot study of large-scale production of mutant pigs by ENU mutagenesis. ELife, 2017, 6, .	6.0	32
6	Creation of miniature pig model of human Waardenburg syndrome type 2A by ENU mutagenesis. Human Genetics, 2017, 136, 1463-1475.	3.8	28
7	Mitochondrial uncoupling protein 1 antagonizes atherosclerosis by blocking NLRP3 inflammasome-dependent interleukin-1 β production. Science Advances, 2021, 7, eabl4024.	10.3	27
8	A 2-bp insertion (c.67_68insCC) in MC1R causes recessive white coat color in Bama miniature pigs. Journal of Genetics and Genomics, 2017, 44, 215-217.	3.9	20
9	Rescuing ocular development in an anophthalmic pig by blastocyst complementation. EMBO Molecular Medicine, 2018, 10, .	6.9	14
10	One-step base editing in multiple genes by direct embryo injection for pig trait improvement. Science China Life Sciences, 2022, 65, 739-752.	4.9	14
11	Cytosine Base Editor (hA3A-BE3-NG)-Mediated Multiple Gene Editing for Pyramid Breeding in Pigs. Frontiers in Genetics, 2020, 11, 592623.	2.3	12
12	A harlequin ichthyosis pig model with a novel ABCA12 mutation can be rescued by acitretin treatment. Journal of Molecular Cell Biology, 2019, 11, 1029-1041.	3.3	10
13	An exonic splicing enhancer mutation in <i>DUOX2</i> causes aberrant alternative splicing and severe congenital hypothyroidism in Bama pigs. DMM Disease Models and Mechanisms, 2019, 12, .	2.4	4