

CITATION REPORT

List of articles citing

Inactivation and inducible oncogenic mutation of p53
in gene targeted pigs

DOI: 10.1371/journal.pone.0043323
PLoS ONE, 2012, 7, e43323.

Source: <https://exaly.com/paper-pdf/86984780/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
72	Factors influencing the efficiency of generating genetically engineered pigs by nuclear transfer: multi-factorial analysis of a large data set. <i>BMC Biotechnology</i> , 2013 , 13, 43	3.5	61
71	The new pig on the block: modelling cancer in pigs. <i>Transgenic Research</i> , 2013 , 22, 673-80	3.3	42
70	Bone marrow mesenchymal stem cells are an attractive donor cell type for production of cloned pigs as well as genetically modified cloned pigs by somatic cell nuclear transfer. <i>Cellular Reprogramming</i> , 2013 , 15, 459-70	2.1	21
69	Generation of five human lactoferrin transgenic cloned goats using fibroblast cells and their methylation status of putative differential methylation regions of IGF2R and H19 imprinted genes. <i>PLoS ONE</i> , 2013 , 8, e77798	3.7	19
68	Efficient construction of rAAV-based gene targeting vectors by Golden Gate cloning. <i>BioTechniques</i> , 2014 , 56, 263-8	2.5	6
67	Production of Transgenic Rabbits. 2014 , 275-304		1
66	Genetically modified pigs to model human diseases. <i>Journal of Applied Genetics</i> , 2014 , 55, 53-64	2.5	44
65	Current progress of genetically engineered pig models for biomedical research. <i>BioResearch Open Access</i> , 2014 , 3, 255-64	2.4	49
64	Generation of AQP2-Cre transgenic mini-pigs specifically expressing Cre recombinase in kidney collecting duct cells. <i>Transgenic Research</i> , 2014 , 23, 365-75	3.3	16
63	Efficacy of the porcine species in biomedical research. <i>Frontiers in Genetics</i> , 2015 , 6, 293	4.5	84
62	Unraveling the swine genome: implications for human health. <i>Annual Review of Animal Biosciences</i> , 2015 , 3, 219-44	13.7	48
61	Viable pigs with a conditionally-activated oncogenic KRAS mutation. <i>Transgenic Research</i> , 2015 , 24, 509-17	3.7	24
60	Postmortem findings in cloned and transgenic piglets dead before weaning. <i>Theriogenology</i> , 2015 , 84, 1014-23	2.8	19
59	Emerging Technologies to Create Inducible and Genetically Defined Porcine Cancer Models. <i>Frontiers in Genetics</i> , 2016 , 7, 28	4.5	13
58	Engineered Swine Models of Cancer. <i>Frontiers in Genetics</i> , 2016 , 7, 78	4.5	40
57	A porcine model of osteosarcoma. <i>Oncogenesis</i> , 2016 , 5, e210	6.6	37
56	Pigs as models of human cancers. <i>Theriogenology</i> , 2016 , 86, 433-7	2.8	34

55	Complete reduction of p53 expression by RNA interference following heterozygous knockout in porcine fibroblasts. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016 , 52, 736-41	2.6	
54	Generation of RUNX3 knockout pigs using CRISPR/Cas9-mediated gene targeting. <i>Reproduction in Domestic Animals</i> , 2016 , 51, 970-978	1.6	21
53	Efficient production of multi-modified pigs for xenotransplantation by κ combineering \uparrow gene stacking and gene editing. <i>Scientific Reports</i> , 2016 , 6, 29081	4.9	89
52	Validation of a Preclinical Model of Diethylnitrosamine-Induced Hepatic Neoplasia in Yucatan Miniature Pigs. <i>Oncology</i> , 2016 , 91, 90-100	3.6	18
51	Livestock in biomedical research: history, current status and future prospective. <i>Reproduction, Fertility and Development</i> , 2016 , 28, 112-24	1.8	24
50	Do biomarkers of exposure and effect correlate with internal exposure to PAHs in swine?. <i>Biomarkers</i> , 2016 , 21, 283-91	2.6	2
49	Genetically engineered livestock for biomedical models. <i>Transgenic Research</i> , 2016 , 25, 345-59	3.3	19
48	A genetically inducible porcine model of intestinal cancer. <i>Molecular Oncology</i> , 2017 , 11, 1616-1629	7.9	22
47	Efficient generation of P53 biallelic knockout Diannan miniature pigs via TALENs and somatic cell nuclear transfer. <i>Journal of Translational Medicine</i> , 2017 , 15, 224	8.5	13
46	Genetically Tailored Pig Models for Translational Biomedical Research. 2017 , 671-701		1
45	Genetically engineered pigs as models for human disease. <i>DMM Disease Models and Mechanisms</i> , 2018 , 11,	4.1	98
44	Development of Severe Combined Immunodeficient (SCID) Pig Models for Translational Cancer Modeling: Future Insights on How Humanized SCID Pigs Can Improve Preclinical Cancer Research. <i>Frontiers in Oncology</i> , 2018 , 8, 559	5.3	16
43	Generation of a TP53-modified porcine cancer model by CRISPR/Cas9-mediated gene modification in porcine zygotes via electroporation. <i>PLoS ONE</i> , 2018 , 13, e0206360	3.7	31
42	Genetically Induced Tumors in the Oncopig Model Invoke an Antitumor Immune Response Dominated by Cytotoxic CD8 \uparrow Cells and Differentiated \uparrow Cells Alongside a Regulatory Response Mediated by FOXP3 T Cells and Immunoregulatory Molecules. <i>Frontiers in Immunology</i> , 2018 , 9, 1381	8.4	11
41	Porcine Models of Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2019 , 9, 144	5.3	20
40	Human Ovarian Cancer Tumor Formation in Severe Combined Immunodeficient (SCID) Pigs. <i>Frontiers in Oncology</i> , 2019 , 9, 9	5.3	19
39	Pharmacotherapeutic Botanicals for Cancer Chemoprevention. 2020 ,		3
38	A collection of bacterial isolates from the pig intestine reveals functional and taxonomic diversity. <i>Nature Communications</i> , 2020 , 11, 6389	17.4	26

37	Application of Genetically Engineered Pigs in Biomedical Research. <i>Genes</i> , 2020 , 11,	4.2	16
36	Gain-of-Function Mutations in p53 in Cancer Invasiveness and Metastasis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
35	Genetically Engineered Pigs to Study Cancer. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	20
34	Beyond tradition and convention: benefits of non-traditional model organisms in cancer research. <i>Cancer and Metastasis Reviews</i> , 2021 , 40, 47-69	9.6	2
33	Preventing phenotypic plasticity in cancer to mitigate therapy resistance. 2021 , 119-160		
32	Porcine pancreatic ductal epithelial cells transformed with KRASG12D and SV40T are tumorigenic.		1
31	Porcine model elucidates function of p53 isoform in carcinogenesis and reveals novel circTP53 RNA. <i>Oncogene</i> , 2021 , 40, 1896-1908	9.2	7
30	Allelic Expression Imbalance Analysis Identified Amplification in p53- Dependent Osteosarcoma. <i>Cancers</i> , 2021 , 13,	6.6	1
29	Cas9-expressing chickens and pigs as resources for genome editing in livestock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	7
28	Transforming Growth Factor- β Enhances Mesenchymal Characteristics of Buffalo () Bone Marrow-Derived Mesenchymal Stem Cells. <i>Cellular Reprogramming</i> , 2021 , 23, 127-138	2.1	0
27	Perspective: Humanized Pig Models of Bladder Cancer. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 681044	4.6	1
26	The CRISPR/Cas9 Minipig-A Transgenic Minipig to Produce Specific Mutations in Designated Tissues. <i>Cancers</i> , 2021 , 13,	6.6	0
25	Porcine pancreatic ductal epithelial cells transformed with KRAS and SV40T are tumorigenic. <i>Scientific Reports</i> , 2021 , 11, 13436	4.9	1
24	Swine models for translational oncological research: an evolving landscape and regulatory considerations. <i>Mammalian Genome</i> , 2021 , 1	3.2	0
23	Non-rodent animal models of osteosarcoma: A review. <i>Cancer Treatment and Research Communications</i> , 2021 , 27, 100307	2	1
22	Genetically Engineered Large Animals in Biomedicine. 2018 , 169-214		1
21	Resources for genome editing in livestock: Cas9-expressing chickens and pigs.		2
20	Generation of tumorigenic porcine pancreatic ductal epithelial cells: toward a large animal model of pancreatic cancer.		4

19	Development and translational imaging of a TP53 porcine tumorigenesis model. <i>Journal of Clinical Investigation</i> , 2014 , 124, 4052-66	15.9	66
18	Dual fluorescent reporter pig for Cre recombination: transgene placement at the ROSA26 locus. <i>PLoS ONE</i> , 2014 , 9, e102455	3.7	34
17	The Missing Link: Cre Pigs for Cancer Research. <i>Frontiers in Oncology</i> , 2021 , 11, 755746	5.3	0
16	Radiobiology. 2015 , 458-461		
15	Animal Models Systems of Cancer for Preclinical Trials. 2020 , 299-324		
14	Porcine model elucidates function of p53 isoform in carcinogenesis.		
13	Tumor targeting with bacterial Shiga toxin B-subunit in genetic porcine models for colorectal cancer and osteosarcoma.. <i>Molecular Cancer Therapeutics</i> , 2022 ,	6.1	0
12	Generation of reproductive transgenic pigs of a CRISPR-Cas9-based oncogene-inducible system by somatic cell nuclear transfer.. <i>Biotechnology Journal</i> , 2022 , e2100434	5.6	1
11	Efficient Generation of P53 Biallelic Mutations in Diannan Miniature Pigs Using RNA-Guided Base Editing.. <i>Life</i> , 2021 , 11,	3	0
10	image_1.PDF. 2018 ,		
9	image_2.PDF. 2018 ,		
8	table_1.PDF. 2018 ,		
7	table_2.PDF. 2018 ,		
6	table_3.PDF. 2018 ,		
5	Table_1.docx. 2018 ,		
4	Use of Translational, Genetically Modified Porcine Models to Ultimately Improve Intestinal Disease Treatment. <i>Frontiers in Veterinary Science</i> , 2022 , 9,	3.1	
3	Development of Swine Models for Cancer Research: SCID Pigs and Other Emerging Pig Cancer Models. 2022 , 263-286		
2	CRISPR/Cas-edited pigs for personalized medicine: more than preclinical test-system. 2022 , 8, 87-98		0

- 1 In vitro genome editing activity of Cas9 in somatic cells after random and transposon-based genomic Cas9 integration. **2022**, 17, e0279123

o