

# Kankan Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

459  
citations

1040056

9  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Generation of Myostatin Mutations in Pigs Using the CRISPR/Cas9 System. Scientific Reports, 2015, 5, 16623.	3.3	126
2	CRISPR/Cas9-mediated knockout of myostatin in Chinese indigenous Erhualian pigs. Transgenic Research, 2017, 26, 799-805.	2.4	73
3	Genetically modified pigs are protected from classical swine fever virus. PLoS Pathogens, 2018, 14, e1007193.	4.7	60
4	Assembly and Regulation of CRL Ubiquitin Ligases. Advances in Experimental Medicine and Biology, 2020, 1217, 33-46.	1.6	43
5	Efficient Generation of Orthologous Point Mutations in Pigs via CRISPR-assisted ssODN-mediated Homology-directed Repair. Molecular Therapy - Nucleic Acids, 2016, 5, e396.	5.1	36
6	Optimization of a CRISPR/Cas9-mediated Knock-in Strategy at the Porcine Rosa26 Locus in Porcine Foetal Fibroblasts. Scientific Reports, 2017, 7, 3036.	3.3	36
7	Site-Specific Fat-1 Knock-In Enables Significant Decrease of n-6PUFAs/n-3PUFAs Ratio in Pigs. G3: Genes, Genomes, Genetics, 2018, 8, 1747-1754.	1.8	28
8	Early lethality of shRNA-transgenic pigs due to saturation of microRNA pathways. Journal of Zhejiang University: Science B, 2014, 15, 466-473.	2.8	11
9	Roles of Cullin-RING Ubiquitin Ligases in Cardiovascular Diseases. Biomolecules, 2022, 12, 416.	4.0	11
10	Quantitative analyses for effects of neddylation on CRL2 <sup>VHL</sup> substrate ubiquitination and degradation. Protein Science, 2021, 30, 2338-2345.	7.6	10
11	The Possible Role of Complete Loss of Myostatin in Limiting Excessive Proliferation of Muscle Cells (C2C12) via Activation of MicroRNAs. International Journal of Molecular Sciences, 2019, 20, 643.	4.1	8
12	Expression and purification of functional recombinant CUL2-RBX1 from E. coli. Scientific Reports, 2021, 11, 11224.	3.3	6
13	Determining the Effects of Neddylation on Cullin-RING Ligase-Dependent Protein Ubiquitination. Current Protocols, 2022, 2, e401.	2.9	5
14	Characterization and comparative analysis of immunoglobulin lambda chain diversity in a neonatal porcine model. Veterinary Immunology and Immunopathology, 2018, 195, 84-91.	1.2	4
15	Expression and purification of recombinant human CUL2 from Escherichia coli cells. FASEB Journal, 2021, 35, .	0.5	0
16	Miniature Pigs Carrying DMD Exon51 Deletion Suffered from Severe Myocardial Damage, Accelerated Muscle Atrophy and Malabsorption. SSRN Electronic Journal, 0, , .	0.4	0