Chong-Hua Ren

List of Publications by Citations

26 papers	446 citations	11 h-index	21 g-index
28 ext. papers	590 ext. citations	5.7 avg, IF	3.29 L-index

#	Paper	IF	Citations
26	dCas9-based epigenome editing suggests acquisition of histone methylation is not sufficient for target gene repression. *Nucleic Acids Research*, **2017**, 45, 9901-9916	20.1	100
25	The genomic and functional landscapes of developmental plasticity in the American cockroach. *Nature Communications*, **2018**, 9, 1008	17.4	58
24	Efficient genome engineering in eukaryotes using Cas9 from Streptococcus thermophilus. *Cellular and Molecular Life Sciences*, **2015**, 72, 383-99	10.3	51
23	Enhancing CRISPR/Cas9-mediated homology-directed repair in mammalian cells by expressing Saccharomyces cerevisiae Rad52. *International Journal of Biochemistry and Cell Biology*, **2017**, 92, 43-52	5.6	45
22	Dual-reporter surrogate systems for efficient enrichment of genetically modified cells. *Cellular and Molecular Life Sciences*, **2015**, 72, 2763-72	10.3	30
21	Targeted disruption of the sheep MSTN gene by engineered zinc-finger nucleases. *Molecular Biology Reports*, **2014**, 41, 209-15	2.8	21
20	Efficient Genome Editing in Chicken DF-1 Cells Using the CRISPR/Cas9 System. *G3: Genes, Genomes, Genetics*, **2016**, 6, 917-23	3.2	19
19	Strategies for the Enrichment and Selection of Genetically Modified Cells. *Trends in Biotechnology*, **2019**, 37, 56-71	15.1	19
18	A vaccine grade of yeast Saccharomyces cerevisiae expressing mammalian myostatin. *BMC Biotechnology*, **2012**, 12, 97	3.5	15
17	Multiplex CRISPR/Cas9-based genome engineering enhanced by Drosha-mediated sgRNA-shRNA structure. *Scientific Reports*, **2016**, 6, 38970	4.9	13
16	Oral administration of myostatin-specific recombinant Saccharomyces cerevisiae vaccine in rabbit. *Vaccine*, **2016**, 34, 2378-82	4.1	11
15	A suicidal zinc finger nuclease expression coupled with a surrogate reporter for efficient genome engineering. *Biotechnology Letters*, **2015**, 37, 299-305	3	8
14	Simultaneous screening and validation of effective zinc finger nucleases in yeast. *PLoS ONE*, **2013**, 8, e64687	3.7	8
13	Enhanced CRISPR/Cas9-mediated biallelic genome targeting with dual surrogate reporter-integrated donors. *FEBS Letters*, **2017**, 591, 903-913	3.8	7
12	Insulin/IGF signaling and TORC1 promote vitellogenesis via inducing juvenile hormone biosynthesis in the American cockroach. *Development (Cambridge)*, **2020**, 147,	6.6	7
11	Generation of VDR Knock-Out Mice via Zygote Injection of CRISPR/Cas9 System. *PLoS ONE*, **2016**, 11, e0163551	3.7	7
10	Gene editing as a promising approach for respiratory diseases. *Journal of Medical Genetics*, **2018**, 55, 143-149	5.8	6

9	Minimum length of direct repeat sequences required for efficient homologous recombination induced by zinc finger nuclease in yeast. *Molecular Biology Reports*, **2014**, 41, 6939-48	2.8	6
8	Unexpected binding behaviors of bacterial Argonautes in human cells cast doubts on their use as targetable gene regulators. *PLoS ONE*, **2018**, 13, e0193818	3.7	4
7	Alteration of insulin and nutrition signal gene expression or depletion of Met reduce both lifespan and reproduction in the German cockroach. *Journal of Insect Physiology*, **2019**, 118, 103934	2.4	3
6	In Vivo Applications of Cell-Penetrating Zinc-Finger Transcription Factors. *Methods in Molecular Biology*, **2018**, 1867, 239-251	1.4	3
5	Grainy head signaling regulates epithelium development and ecdysis in Blattella germanica. *Insect Science*, **2021**, 28, 485-494	3.6	2
4	Walleye dermal sarcoma virus: expression of a full-length clone or the rv-cyclin (orf a) gene is cytopathic to the host and human tumor cells. *Molecular Biology Reports*, **2013**, 40, 1451-61	2.8	1
3	Insulin/IGF signaling and TOR promote vitellogenesis via inducing juvenile hormone biosynthesis		1
2	Identification of a novel collagen-like peptide by high-throughput screening for effective wound-healing therapy. *International Journal of Biological Macromolecules*, **2021**, 173, 541-553	7.9	1
1	An Improved Genome Engineering Method Using Surrogate Reporter-Coupled Suicidal ZFNs. *Methods in Molecular Biology*, **2018**, 1867, 175-183	1.4	