

Xiangdong Meng, å-ç¥¥æ <

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

9,659
citations

361413

20
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

9878
citing authors

#	ARTICLE	IF	CITATIONS
1	A TALE nuclease architecture for efficient genome editing. <i>Nature Biotechnology</i> , 2011, 29, 143-148.	17.5	1,855
2	Genetic engineering of human pluripotent cells using TALE nucleases. <i>Nature Biotechnology</i> , 2011, 29, 731-734.	17.5	1,082
3	Efficient targeting of expressed and silent genes in human ESCs and iPSCs using zinc-finger nucleases. <i>Nature Biotechnology</i> , 2009, 27, 851-857.	17.5	990
4	Precise genome modification in the crop species <i>Zea mays</i> using zinc-finger nucleases. <i>Nature</i> , 2009, 459, 437-441.	27.8	862
5	Knockout Rats via Embryo Microinjection of Zinc-Finger Nucleases. <i>Science</i> , 2009, 325, 433-433.	12.6	836
6	Targeted gene inactivation in zebrafish using engineered zinc-finger nucleases. <i>Nature Biotechnology</i> , 2008, 26, 695-701.	17.5	720
7	Generation of Isogenic Pluripotent Stem Cells Differing Exclusively at Two Early Onset Parkinson Point Mutations. <i>Cell</i> , 2011, 146, 318-331.	28.9	703
8	Targeted Genome Editing Across Species Using ZFNs and TALENs. <i>Science</i> , 2011, 333, 307-307.	12.6	556
9	Knockout rats generated by embryo microinjection of TALENs. <i>Nature Biotechnology</i> , 2011, 29, 695-696.	17.5	556
10	Efficient generation of a biallelic knockout in pigs using zinc-finger nucleases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12013-12017.	7.1	329
11	Functional genomics, proteomics, and regulatory DNA analysis in isogenic settings using zinc finger nuclease-driven transgenesis into a safe harbor locus in the human genome. <i>Genome Research</i> , 2010, 20, 1133-1142.	5.5	280
12	A bacterial one-hybrid system for determining the DNA-binding specificity of transcription factors. <i>Nature Biotechnology</i> , 2005, 23, 988-994.	17.5	180
13	A systematic characterization of factors that regulate <i>Drosophila</i> segmentation via a bacterial one-hybrid system. <i>Nucleic Acids Research</i> , 2008, 36, 2547-2560.	14.5	152
14	Identification of chromosome sequence motifs that mediate meiotic pairing and synapsis in <i>C. elegans</i> . <i>Nature Cell Biology</i> , 2009, 11, 934-942.	10.3	123
15	Zinc finger protein-dependent and -independent contributions to the in vivo off-target activity of zinc finger nucleases. <i>Nucleic Acids Research</i> , 2011, 39, 381-392.	14.5	104
16	Improved specificity of TALE-based genome editing using an expanded RVD repertoire. <i>Nature Methods</i> , 2015, 12, 465-471.	19.0	91
17	Evaluation and application of modularly assembled zinc-finger nucleases in zebrafish. <i>Development (Cambridge)</i> , 2011, 138, 4555-4564.	2.5	78
18	Apple Proteins that Interact with DspA/E, a Pathogenicity Effector of <i>Erwinia amylovora</i> , the Fire Blight Pathogen. <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 53-61.	2.6	68

#	ARTICLE	IF	CITATIONS
19	Identifying DNA sequences recognized by a transcription factor using a bacterial one-hybrid system. Nature Protocols, 2006, 1, 30-45.	12.0	51
20	Counter-selectable marker for bacterial-based interaction trap systems. BioTechniques, 2006, 40, 179-184.	1.8	21
21	Profiling the DNA-binding specificities of engineered Cys2His2 zinc finger domains using a rapid cell-based method. Nucleic Acids Research, 2007, 35, e81.	14.5	21