

Applications of CRISPR technologies in research and be

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Current status of genome editing in vector mosquitoes: A review. <i>BioScience Trends</i> , 2016, 10, 424-432.	1.1	25
2	The emerging patent landscape of CRISPR-Cas gene editing technology. <i>Nature Biotechnology</i> , 2016, 34, 1025-1031.	9.4	79
3	Cas9, Cpf1 and C2c1/2/3-What's next?. <i>Bioengineered</i> , 2017, 8, 265-273.	1.4	80
4	The Interfaces of Genetic Conflict Are Hot Spots for Innovation. <i>Cell</i> , 2017, 168, 9-11.	13.5	16
5	Shining a Light on Phase Separation in the Cell. <i>Cell</i> , 2017, 168, 11-13.	13.5	42
6	Baculovirus-based genome editing in primary cells. <i>Plasmid</i> , 2017, 90, 5-9.	0.4	18
7	Loss of pollen-specific phospholipase NOT LIKE DAD triggers gynogenesis in maize. <i>EMBO Journal</i> , 2017, 36, 707-717.	3.5	197
8	Expanding the CRISPR Toolbox: Targeting RNA with Cas13b. <i>Molecular Cell</i> , 2017, 65, 582-584.	4.5	17
9	Microalgal hydrogen production: prospects of an essential technology for a clean and sustainable energy economy. <i>Photosynthesis Research</i> , 2017, 133, 49-62.	1.6	37
10	Evolution of RNA- and DNA-guided antiviral defense systems in prokaryotes and eukaryotes: common ancestry vs convergence. <i>Biology Direct</i> , 2017, 12, 5.	1.9	90
11	Targeted gene knock-in by homology-directed genome editing using Cas9 ribonucleoprotein and AAV donor delivery. <i>Nucleic Acids Research</i> , 2017, 45, e98-e98.	6.5	72
12	Crispr/Cas9 Mediated Inactivation of Argonaute 2 Reveals its Differential Involvement in Antiviral Responses. <i>Scientific Reports</i> , 2017, 7, 1010.	1.6	56
13	Sex chromosome evolution: historical insights and future perspectives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162806.	1.2	127
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15	Structures and mechanisms of CRISPR RNA-guided effector nucleases. <i>Current Opinion in Structural Biology</i> , 2017, 43, 68-78.	2.6	72
16	CRISPR-based engineering of next-generation lactic acid bacteria. <i>Current Opinion in Microbiology</i> , 2017, 37, 79-87.	2.3	68
17	Applications of CRISPR-Cas for synthetic biology and genetic recording. <i>Current Opinion in Systems Biology</i> , 2017, 5, 9-15.	1.3	18
18	Antiviral Goes Viral: Harnessing CRISPR/Cas9 to Combat Viruses in Humans. <i>Trends in Microbiology</i> , 2017, 25, 833-850.	3.5	65

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19	Targeted Deletion of an Entire Chromosome Using CRISPR/Cas9. <i>Molecular Therapy</i> , 2017, 25, 1736-1738.	3.7	71
20	Structural Basis for the Altered PAM Recognition by Engineered CRISPR-Cpf1. <i>Molecular Cell</i> , 2017, 67, 139-147.e2.	4.5	88
21	Genome-editing technologies and patent landscape overview. <i>Pharmaceutical Patent Analyst</i> , 2017, 6, 115-134.	0.4	4
22	Human gene editing: revisiting Canadian policy. <i>Npj Regenerative Medicine</i> , 2017, 2, 3.	2.5	14
23	Generation of SMURF2 knockout human cells using the CRISPR/Cas9 system. <i>Analytical Biochemistry</i> , 2017, 531, 56-59.	1.1	7
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