Deepak Reyon

List of Publications by Year
in descending order

21 papers	5,403 citations	535685 17 h-index	799663 21 g-index
23 all docs	23 docs citations	23 times ranked	9651 citing authors

#	Article	IF	Citations
1	Improving CRISPR-Cas nuclease specificity using truncated guide RNAs. Nature Biotechnology, 2014, 32, 279-284.	9.4	1,706
2	FLASH assembly of TALENs for high-throughput genome editing. Nature Biotechnology, 2012, 30, 460-465.	9.4	1,070
3	Dimeric CRISPR RNA-guided FokI nucleases for highly specific genome editing. Nature Biotechnology, 2014, 32, 569-576.	9.4	852
4	Targeted disruption of DNMT1, DNMT3A and DNMT3B in human embryonic stem cells. Nature Genetics, 2015, 47, 469-478.	9.4	409
5	ZiFiT (Zinc Finger Targeter): an updated zinc finger engineering tool. Nucleic Acids Research, 2010, 38, W462-W468.	6.5	365
6	Interactome Maps of Mouse Gene Regulatory Domains Reveal Basic Principles of Transcriptional Regulation. Cell, 2013, 155, 1507-1520.	13.5	299
7	Broad specificity profiling of TALENs results in engineered nucleases with improved DNA-cleavage specificity. Nature Methods, 2014, 11, 429-435.	9.0	182
8	Systematic screening reveals a role for BRCA1 in the response to transcription-associated DNA damage. Genes and Development, 2014, 28, 1957-1975.	2.7	86
9	Efficient CRISPR/Cas9-mediated editing of trinucleotide repeat expansion in myotonic dystrophy patient-derived iPS and myogenic cells. Nucleic Acids Research, 2018, 46, 8275-8298.	6.5	78
10	Engineering Designer Transcription Activatorâ€â€Like Effector Nucleases (TALENs) by REAL or REALâ€Fast Assembly. Current Protocols in Molecular Biology, 2012, 100, Unit 12.15.	2.9	68
11	Nodal patterning without Lefty inhibitory feedback is functional but fragile. ELife, 2017, 6, .	2.8	52
12	Uromodulin p.Cys147Trp mutation drives kidney disease by activating ER stress and apoptosis. Journal of Clinical Investigation, 2017, 127, 3954-3969.	3.9	49
13	Targeted Genome Editing in Human Cells Using CRISPR/Cas Nucleases and Truncated Guide RNAs. Methods in Enzymology, 2014, 546, 21-45.	0.4	43
14	Context influences on TALEâ€“DNA binding revealed by quantitative profiling. Nature Communications, 2015, 6, 7440.	5.8	30
15	Engineering Customized TALE Nucleases (TALENs) and TALE Transcription Factors by Fast Ligationâ€Based Automatable Solidâ€Phase Highâ€Throughput (FLASH) Assembly. Current Protocols in Molecular Biology, 2013, 103, Unit 12.16.	2.9	28
16	Genome editing of factor X in zebrafish reveals unexpected tolerance of severe defects in the common pathway. Blood, 2017, 130, 666-676.	0.6	22
17	IÎºB Kinase Î² (IKBKB) Mutations in Lymphomas That Constitutively Activate Canonical Nuclear Factor ÎºB (NFÎºB) Signaling. Journal of Biological Chemistry, 2014, 289, 26960-26972.	1.6	20
18	Disruption of asxl1 results in myeloproliferative neoplasms in zebrafish. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	18

#	Article	IF	Citations
19	Zebrafishdscaml1Deficiency Impairs Retinal Patterning and Oculomotor Function. Journal of Neuroscience, 2020, 40, 143-158.	1.7	15
20	Disruption of the kringle 1 domain of prothrombin leads to late onset mortality in zebrafish. Scientific Reports, 2020, 10, 4049.	1.6	10
21	Factor X Mutant Zebrafish Tolerate a Severe Hemostatic Defect in Early Development Yet Develop Lethal Hemorrhage in Adulthood. Blood, 2015, 126, 426-426.	0.6	1