

Deepak Reyon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2458268/publications.pdf>

Version: 2024-02-01

21
papers

5,403
citations

471509

17
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

8651
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving CRISPR-Cas nuclease specificity using truncated guide RNAs. Nature Biotechnology, 2014, 32, 279-284.	17.5	1,706
2	FLASH assembly of TALENs for high-throughput genome editing. Nature Biotechnology, 2012, 30, 460-465.	17.5	1,070
3	Dimeric CRISPR RNA-guided FokI nucleases for highly specific genome editing. Nature Biotechnology, 2014, 32, 569-576.	17.5	852
4	Targeted disruption of DNMT1, DNMT3A and DNMT3B in human embryonic stem cells. Nature Genetics, 2015, 47, 469-478.	21.4	409
5	ZiFIT (Zinc Finger Targeter): an updated zinc finger engineering tool. Nucleic Acids Research, 2010, 38, W462-W468.	14.5	365
6	Interactome Maps of Mouse Gene Regulatory Domains Reveal Basic Principles of Transcriptional Regulation. Cell, 2013, 155, 1507-1520.	28.9	299
7	Broad specificity profiling of TALENs results in engineered nucleases with improved DNA-cleavage specificity. Nature Methods, 2014, 11, 429-435.	19.0	182
8	Systematic screening reveals a role for BRCA1 in the response to transcription-associated DNA damage. Genes and Development, 2014, 28, 1957-1975.	5.9	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.	14.5	78
10	Engineering Designer Transcription Activatorâ€œLike Effector Nucleases (TALENs) by REAL or REALâ€œFast 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, .	6.0	52
12	Uromodulin p.Cys147Trp mutation drives kidney disease by activating ER stress and apoptosis. Journal of Clinical Investigation, 2017, 127, 3954-3969.	8.2	49
13	Targeted Genome Editing in Human Cells Using CRISPR/Cas Nucleases and Truncated Guide RNAs. Methods in Enzymology, 2014, 546, 21-45.	1.0	43
14	Context influences on TALEâ€œDNA binding revealed by quantitative profiling. Nature Communications, 2015, 6, 7440.	12.8	30
15	Engineering Customized TALE Nucleases (TALENs) and TALE Transcription Factors by Fast Ligationâ€œBased Automatable Solidâ€œPhase Highâ€œThroughput (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.	1.4	22
17	Î² Kinase Î² (IKBKB) Mutations in Lymphomas That Constitutively Activate Canonical Nuclear Factor Î²B (NFÎ²B) Signaling. Journal of Biological Chemistry, 2014, 289, 26960-26972.	3.4	20
18	Disruption of <i>asxl1</i> results in myeloproliferative neoplasms in zebrafish. DMM Disease Models and Mechanisms, 2019, 12, .	2.4	18

#	ARTICLE	IF	CITATIONS
19	Zebrafish <i>dscaml1</i> Deficiency Impairs Retinal Patterning and Oculomotor Function. Journal of Neuroscience, 2020, 40, 143-158.	3.6	15
20	Disruption of the kringle 1 domain of prothrombin leads to late onset mortality in zebrafish. Scientific Reports, 2020, 10, 4049.	3.3	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.	1.4	1