

Marcello Maresca

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

937
citations

11
h-index

27
g-index

27
ext. papers

1,233
ext. citations

15.1
avg, IF

4.05
L-index

#	Paper	IF	Citations
24	Obligate ligation-gated recombination (ObLiGaRe): custom-designed nuclease-mediated targeted integration through nonhomologous end joining. <i>Genome Research</i> , 2013 , 23, 539-46	9.7	235
23	In vivo CRISPR editing with no detectable genome-wide off-target mutations. <i>Nature</i> , 2018 , 561, 416-419	30.4	202
22	Unbiased detection of CRISPR off-targets in vivo using DISCOVER-Seq. <i>Science</i> , 2019 , 364, 286-289	33.3	180
21	Functional Gut Microbiota Remodeling Contributes to the Caloric Restriction-Induced Metabolic Improvements. <i>Cell Metabolism</i> , 2018 , 28, 907-921.e7	24.6	111
20	Decoding non-random mutational signatures at Cas9 targeted sites. <i>Nucleic Acids Research</i> , 2018 , 46, 8417-8434	20.1	57
19	In vivo genome and base editing of a human PCSK9 knock-in hypercholesterolemic mouse model. <i>BMC Biology</i> , 2019 , 17, 4	7.3	34
18	BE-FLARE: a fluorescent reporter of base editing activity reveals editing characteristics of APOBEC3A and APOBEC3B. <i>BMC Biology</i> , 2018 , 16, 150	7.3	28
17	Development of an ObLiGaRe Doxycycline Inducible Cas9 system for pre-clinical cancer drug discovery. <i>Nature Communications</i> , 2020 , 11, 4903	17.4	22
16	Improving Precise CRISPR Genome Editing by Small Molecules: Is there a Magic Potion?. <i>Cells</i> , 2020 , 9,	7.9	17
15	NKX6.1 induced pluripotent stem cell reporter lines for isolation and analysis of functionally relevant neuronal and pancreas populations. <i>Stem Cell Research</i> , 2018 , 29, 220-231	1.6	14
14	Universal toxin-based selection for precise genome engineering in human cells. <i>Nature Communications</i> , 2021 , 12, 497	17.4	12
13	Unbiased detection of CRISPR off-targets in vivo using DISCOVER-Seq		11
12	Axl receptor tyrosine kinase is a regulator of apolipoprotein E. <i>Molecular Brain</i> , 2020 , 13, 66	4.5	5
11	Extensive transcription mis-regulation and membrane defects in AdipoR2-deficient cells challenged with saturated fatty acids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021 , 1866, 158884	5	5
10	Correction of a urea cycle defect after ex vivo gene editing of human hepatocytes. <i>Molecular Therapy</i> , 2021 , 29, 1903-1917	11.7	3
9	ObLiGaRe doxycycline Inducible (ODIn) Cas9 system driving pre-clinical drug discovery, from design to cancer treatment		1
8	Harnessing DSB repair to promote efficient homology-dependent and -independent prime editing.. <i>Nature Communications</i> , 2022 , 13, 1240	17.4	0

- 7 DNA Repair Pathways in the Context of Therapeutic Genome Editing **2022**, 177-192
- 6 DNA Base Editing Strategies for Genome Editing **2022**, 193-202
- 5 Historical Overview of Genome Editing from Bacteria to Higher Eukaryotes **2022**, 9-17
- 4 Specificity of CRISPR-Cas9 Gene Editing **2022**, 289-312
- 3 Genome Editing in Drug Discovery **2022**, 3-7
- 2 Utilizing CRISPR/Cas9 Technologies for in vivo Disease Modeling and Therapy **2022**, 93-110
- 1 CRISPR Cas **2022**, 19-46