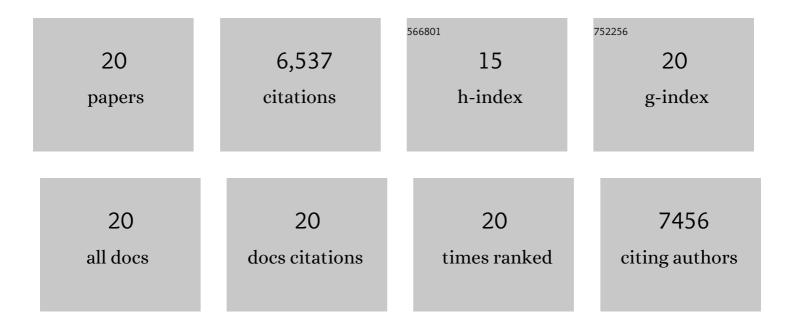
## Tomas Cermak

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3968533/publications.pdf Version: 2024-02-01



TOMAS CEDMAK

#	Article	IF	CITATIONS
1	Sequence modification on demand: search and replace tools for precise gene editing in plants. Transgenic Research, 2021, 30, 353-379.	1.3	7
2	Genome Editing to Achieve the Crop Ideotype in Tomato. Methods in Molecular Biology, 2021, 2264, 219-244.	0.4	3
3	Agrobacterium rhizogenes-mediated transformation of a dioecious plant model Silene latifolia. New Biotechnology, 2019, 48, 20-28.	2.4	16
4	Novel alleles of rice <i>elF4G</i> generated by CRISPR/Cas9â€ŧargeted mutagenesis confer resistance to <i>Rice tungro spherical virus</i> . Plant Biotechnology Journal, 2018, 16, 1918-1927.	4.1	307
5	<scp>CRISPR</scp> /Cas9 and <scp>TALEN</scp> s generate heritable mutations for genes involved in small <scp>RNA</scp> processing of <i>Glycine max</i> and <i>Medicago truncatula</i> . Plant Biotechnology Journal, 2018, 16, 1125-1137.	4.1	147
6	Allele exchange at the <scp>EPSPS</scp> locus confers glyphosate tolerance in cassava. Plant Biotechnology Journal, 2018, 16, 1275-1282.	4.1	137
7	De novo domestication of wild tomato using genome editing. Nature Biotechnology, 2018, 36, 1211-1216.	9.4	559
8	A Multipurpose Toolkit to Enable Advanced Genome Engineering in Plants. Plant Cell, 2017, 29, 1196-1217.	3.1	469
9	Genome editing as a tool to achieve the crop ideotype and de novo domestication of wild relatives: Case study in tomato. Plant Science, 2017, 256, 120-130.	1.7	121
10	Design and Assembly of CRISPR/Cas9 Reagents for Gene Knockout, Targeted Insertion, and Replacement in Wheat. Methods in Molecular Biology, 2017, 1679, 187-212.	0.4	7
11	A Defect in DNA Ligase4 Enhances the Frequency of TALEN-Mediated Targeted Mutagenesis in Rice. Plant Physiology, 2016, 170, 653-666.	2.3	47
12	High-frequency, precise modification of the tomato genome. Genome Biology, 2015, 16, 232.	3.8	521
13	Efficient Design and Assembly of Custom TALENs Using the Golden Gate Platform. Methods in Molecular Biology, 2015, 1239, 133-159.	0.4	38
14	DNA Replicons for Plant Genome Engineering Â. Plant Cell, 2014, 26, 151-163.	3.1	464
15	Possible mechanisms responsible for absence of a retrotransposon family on a plant Y chromosome. New Phytologist, 2014, 202, 662-678.	3.5	37
16	Mouse Genome Engineering Using Designer Nucleases. Journal of Visualized Experiments, 2014, , .	0.2	11
17	Efficient design and assembly of custom TALEN and other TAL effector-based constructs for DNA targeting. Nucleic Acids Research, 2011, 39, e82-e82.	6.5	1,793
18	Targeting DNA Double-Strand Breaks with TAL Effector Nucleases. Genetics, 2010, 186, 757-761.	1.2	1,618

#	Article	IF	CITATIONS
19	The role of repetitive DNA in structure and evolution of sex chromosomes in plants. Heredity, 2009, 102, 533-541.	1.2	136
20	Survey of repetitive sequences in Silene latifolia with respect to their distribution on sex chromosomes. Chromosome Research, 2008, 16, 961-976.	1.0	99