

# Stefan Hiekel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1268483/publications.pdf>

Version: 2024-02-01

10  
papers

313  
citations

1307594

7  
h-index

1474206

9  
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10  
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docs citations

10  
times ranked

434  
citing authors

#	ARTICLE	IF	CITATIONS
1	True-Breeding Targeted Gene Knock-Out in Barley Using Designer TALE-Nuclease in Haploid Cells. PLoS ONE, 2014, 9, e92046.	2.5	91
2	Site-directed mutagenesis in bread and durum wheat via pollination by <i>cas9</i> /guide RNA-transgenic maize used as haploidy inducer. Plant Biotechnology Journal, 2020, 18, 2376-2378.	8.3	48
3	A simple test for the cleavage activity of customized endonucleases in plants. Plant Methods, 2016, 12, 18.	4.3	43
4	Identification of Early Nuclear Target Genes of Plastidial Redox Signals that Trigger the Long-Term Response of Arabidopsis to Light Quality Shifts. Molecular Plant, 2015, 8, 1237-1252.	8.3	38
5	Conversion of hulled into naked barley by Cas endonuclease-mediated knockout of the NUD gene. BMC Plant Biology, 2020, 20, 255.	3.6	33
6	Engineering Smut Resistance in Maize by Site-Directed Mutagenesis of LIPOXYGENASE 3. Frontiers in Plant Science, 2020, 11, 543895.	3.6	24
7	Targeted genome modification in protoplasts of a highly regenerable Siberian barley cultivar using RNA-guided Cas9 endonuclease. Vavilovskii Zhurnal Genetiki I Seleksii, 2019, 22, 1033-1039.	1.1	21
8	Kmasker plants – a tool for assessing complex sequence space in plant species. Plant Journal, 2020, 102, 631-642.	5.7	8
9	Site-Directed Mutagenesis in Barley by Expression of TALE Nuclease in Embryogenic Pollen. , 2017, , 113-128.		4
10	Binary Vector Construction for Site-Directed Mutagenesis of <i>Kafirin</i> Genes in Sorghum. American Journal of Plant Sciences, 2021, 12, 1276-1287.	0.8	3