

# Katrin Geisler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6046820/publications.pdf>

Version: 2024-02-01

12  
papers

1,261  
citations

933447

10  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2111  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thiamine metabolism genes in diatoms are not regulated by thiamine despite the presence of predicted riboswitches. <i>New Phytologist</i> , 2022, 235, 1853-1867.	7.3	8
2	Droplet-based microfluidic screening and sorting of microalgal populations for strain engineering applications. <i>Algal Research</i> , 2021, 56, 102293.	4.6	23
3	Exploring the Impact of Terminators on Transgene Expression in <i>Chlamydomonas reinhardtii</i> with a Synthetic Biology Approach. <i>Life</i> , 2021, 11, 964.	2.4	5
4	Genetic transformation of the dinoflagellate chloroplast. <i>ELife</i> , 2019, 8, .	6.0	22
5	Modularity of Conifer Diterpene Resin Acid Biosynthesis: P450 Enzymes of Different CYP720B Clades Use Alternative Substrates and Converge on the Same Products. <i>Plant Physiology</i> , 2016, 171, 152-164.	4.8	40
6	Triterpene Biosynthesis in Plants. <i>Annual Review of Plant Biology</i> , 2014, 65, 225-257.	18.7	556
7	A metabolic gene cluster in <i>Scopelogadus japonicus</i> discloses novel enzyme functions and products in triterpene biosynthesis. <i>New Phytologist</i> , 2013, 200, 675-690.	7.3	102
8	Biochemical analysis of a multifunctional cytochrome P450 (CYP51) enzyme required for synthesis of antimicrobial triterpenes in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3360-7.	7.1	137
9	Using a Virus-Derived System to Manipulate Plant Natural Product Biosynthetic Pathways. <i>Methods in Enzymology</i> , 2012, 517, 185-202.	1.0	34
10	Investigation of the potential for triterpene synthesis in rice through genome mining and metabolic engineering. <i>New Phytologist</i> , 2011, 191, 432-448.	7.3	45
11	Formation of plant metabolic gene clusters within dynamic chromosomal regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16116-16121.	7.1	204
12	Investigations of barley stripe mosaic virus as a gene silencing vector in barley roots and in <i>Brachypodium distachyon</i> and oat. <i>Plant Methods</i> , 2010, 6, 26.	4.3	84