

Katrin Geisler

List of Publications by Year in descending order

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

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