Marco BÃ¼rger

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4730732/publications.pdf

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23 papers	1,027 citations	623574 14 h-index	713332 21 g-index
25 all docs	25 docs citations	25 times ranked	1770 citing authors

#	Article	IF	Citations
1	An histidine covalent receptor and butenolide complex mediates strigolactone perception. Nature Chemical Biology, 2016, 12, 787-794.	3.9	244
2	Stressed Out About Hormones: How Plants Orchestrate Immunity. Cell Host and Microbe, 2019, 26, 163-172.	5.1	172
3	Identification of Acyl Protein Thioesterasesâ€…1 and 2 as the Cellular Targets of the Rasâ€Signaling Modulators Palmostatinâ€…B and M. Angewandte Chemie - International Edition, 2011, 50, 9838-9842.	7.2	98
4	The Many Models of Strigolactone Signaling. Trends in Plant Science, 2020, 25, 395-405.	4.3	98
5	Two interacting ethylene response factors regulate heat stress response. Plant Cell, 2021, 33, 338-357.	3.1	72
6	Structural Basis of Karrikin and Non-natural Strigolactone Perception in Physcomitrella patens. Cell Reports, 2019, 26, 855-865.e5.	2.9	61
7	C2 Domains as Protein-Protein Interaction Modules in the Ciliary Transition Zone. Cell Reports, 2014, 8, 1-9.	2.9	60
8	Crystal structure of the predicted phospholipase LYPLAL1 reveals unexpected functional plasticity despite close relationship to acyl protein thioesterases. Journal of Lipid Research, 2012, 53, 43-50.	2.0	50
9	BAK1 is involved in AtRALF1-induced inhibition of root cell expansion. PLoS Genetics, 2017, 13, e1007053.	1.5	37
10	Boronâ€Based Inhibitors of Acyl Protein Thioesterases 1 and 2. ChemBioChem, 2013, 14, 115-122.	1.3	30
11	Chemicalâ€Biological Exploration of the Limits of the Ras Deâ€•and Repalmitoylating Machinery. ChemBioChem, 2012, 13, 1017-1023.	1.3	22
12	A hydrophobic anchor mechanism defines a deacetylase family that suppresses host response against YopJ effectors. Nature Communications, 2017, 8, 2201.	5.8	22
13	Structural and chemical biology of deacetylases for carbohydrates, proteins, small molecules and histones. Communications Biology, 2018, 1, 217.	2.0	19
14	Inâ€silico analysis of the strigolactone ligandâ€receptor system. Plant Direct, 2020, 4, e00263.	0.8	8
15	Expression, purification, crystallization and preliminary crystallographic analysis of a GH20 Î²-<i>N</i>-acetylglucosaminidase from the marine bacterium<i>Vibrio harveyi</i>. Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 427-433.	0.4	7
16	Insights into the evolution of strigolactone signaling. Plant Cell, 2021, 33, 3389-3390.	3.1	3
17	Next Generation of Plant-Associated Bacterial Genome Data. Cell Host and Microbe, 2018, 24, 10-11.	5.1	2
18	Structural basis of chitin utilization by a GH20 Î²-<i>N</i>-acetylglucosaminidase from <i>Vibrio campbellii</i> strain ATCC BAA-1116. Acta Crystallographica Section D: Structural Biology, 2021, 77, 674-689.	1.1	2

#	Article	IF	Citations
19	Escaping the drought: the OST1-VOZ1 module regulates early flowering in tomato. Plant Cell, 2022, 34, 1886-1887.	3.1	2
20	Cutting out the fat: A new screen for de-S-acylases in plants. Plant Cell, 0, , .	3.1	1
21	From the archives: Where the light goes; flower color, chloroplast transport, and phytochrome A. Plant Cell, 2022, , .	3.1	0
22	Sweet talk: a plant protein releases a fungal Î²-glucan to enhance colonization. Plant Cell, 2022, , .	3.1	0
23	Splicing up strigolactone signaling. Plant Cell, 0, , .	3.1	0