

Vinzenz Handrick

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5856910/publications.pdf>

Version: 2024-02-01

10
papers

676
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

938
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Variation in Maize Aphid Resistance Is Associated with 2,4-Dihydroxy-7-Methoxy-1,4-Benzoxazin-3-One Glucoside Methyltransferase Activity. <i>Plant Cell</i> , 2013, 25, 2341-2355.	6.6	251
2	Plant iron acquisition strategy exploited by an insect herbivore. <i>Science</i> , 2018, 361, 694-697.	12.6	98
3	Biosynthesis of 8-O-methylated benzoxazinoid defense compounds in maize. <i>Plant Cell</i> , 2016, 28, tpc.00065.2016.	6.6	87
4	Convergent evolution of a metabolic switch between aphid and caterpillar resistance in cereals. <i>Science Advances</i> , 2018, 4, eaat6797.	10.3	58
5	Profiling of hydroxycinnamic acid amides in <i>Arabidopsis thaliana</i> pollen by tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2789-2801.	3.7	43
6	Biosynthesis and antifungal activity of fungus-induced O-methylated flavonoids in maize. <i>Plant Physiology</i> , 2022, 188, 167-190.	4.8	32
7	CYP79 P450 monooxygenases in gymnosperms: CYP79A118 is associated with the formation of taxiphyllin in <i>Taxus baccata</i> . <i>Plant Molecular Biology</i> , 2017, 95, 169-180.	3.9	31
8	The role of CCoAOMT1 and COMT1 in <i>Arabidopsis</i> anthers. <i>Planta</i> , 2012, 236, 51-61.	3.2	30
9	Polyamine Homeostasis in Wild Type and Phenolamide Deficient <i>Arabidopsis thaliana</i> Stamens. <i>Frontiers in Plant Science</i> , 2012, 3, 180.	3.6	27
10	De Novo Mutation and Rapid Protein (Co-)evolution during Meiotic Adaptation in <i>Arabidopsis arenosa</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 1980-1994.	8.9	18