

Katja Witzel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6918239/publications.pdf>

Version: 2024-02-01

25
papers

939
citations

430874

18
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1248
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-specific signatures of metabolites and proteins in asparagus roots and exudates. Horticulture Research, 2021, 8, 86.	6.3	21
2	Opening the Treasure Chest: The Current Status of Research on Brassica oleracea and B. rapa Vegetables From ex situ Germplasm Collections. Frontiers in Plant Science, 2021, 12, 643047.	3.6	12
3	The Jacalin-Related Lectin HvHorCH Is Involved in the Physiological Response of Barley Roots to Salt Stress. International Journal of Molecular Sciences, 2021, 22, 10248.	4.1	9
4	Species-Specific Impact of Fusarium Infection on the Root and Shoot Characteristics of Asparagus. Pathogens, 2020, 9, 509.	2.8	16
5	Fructans Are Differentially Distributed in Root Tissues of Asparagus. Cells, 2020, 9, 1943.	4.1	26
6	Culture Dependent and Independent Analysis of Potential Probiotic Bacterial Genera and Species Present in the Phyllosphere of Raw Eaten Produce. International Journal of Molecular Sciences, 2019, 20, 3661.	4.1	6
7	A Remorin from <i>Nicotiana benthamiana</i> Interacts with the <i>Pseudomonas</i> Type-III Effector Protein HopZ1a and is Phosphorylated by the Immune-Related Kinase PBS1. Molecular Plant-Microbe Interactions, 2019, 32, 1229-1242.	2.6	24
8	Rapid dereplication of microbial isolates using matrix-assisted laser desorption ionization time-of-flight mass spectrometry: A mini-review. Journal of Advanced Research, 2019, 19, 99-104.	9.5	23
9	Identification and Characterization of Three Epithiospecifier Protein Isoforms in Brassica oleracea. Frontiers in Plant Science, 2019, 10, 1552.	3.6	26
10	Differences in the enzymatic hydrolysis of glucosinolates increase the defense metabolite diversity in 19 Arabidopsis thaliana accessions. Plant Physiology and Biochemistry, 2018, 124, 126-135.	5.8	35
11	Plasma membrane proteome analysis identifies a role of barley membrane steroid binding protein in root architecture response to salinity. Plant, Cell and Environment, 2018, 41, 1311-1330.	5.7	36
12	Natural diversity of hydroxycinnamic acid derivatives, flavonoid glycosides, carotenoids and chlorophylls in leaves of six different amaranth species. Food Chemistry, 2018, 267, 376-386.	8.2	22
13	Genotypic Variation of Glucosinolates and Their Breakdown Products in Leaves of <i>Brassica rapa</i> . Journal of Agricultural and Food Chemistry, 2018, 66, 5481-5490.	5.2	49
14	Temporal impact of the vascular wilt pathogen Verticillium dahliae on tomato root proteome. Journal of Proteomics, 2017, 169, 215-224.	2.4	25
15	Metabolic profiling of glucosinolates and their hydrolysis products in a germplasm collection of Brassica rapa turnips. Food Research International, 2017, 100, 392-403.	6.2	57
16	Arabidopsis thaliana root and root exudate metabolism is altered by the growth-promoting bacterium Kosakonia radicincitans DSM 16656T. Plant and Soil, 2017, 419, 557-573.	3.7	24
17	Rhizosecretion of stele-synthesized glucosinolates and their catabolites requires GTR-mediated import in Arabidopsis. Journal of Experimental Botany, 2016, 68, erw355.	4.8	35
18	Verticillium longisporum infection induces organ-specific glucosinolate degradation in Arabidopsis thaliana. Frontiers in Plant Science, 2015, 6, 508.	3.6	29

#	ARTICLE	IF	CITATIONS
19	Perturbations in the Primary Metabolism of Tomato and Arabidopsis thaliana Plants Infected with the Soil-Borne Fungus <i>Verticillium dahliae</i> . PLoS ONE, 2015, 10, e0138242.	2.5	18
20	Salinity Stress in Roots of Contrasting Barley Genotypes Reveals Time-Distinct and Genotype-Specific Patterns for Defined Proteins. Molecular Plant, 2014, 7, 336-355.	8.3	51
21	<i>Verticillium</i> Suppression Is Associated with the Glucosinolate Composition of Arabidopsis thaliana Leaves. PLoS ONE, 2013, 8, e71877.	2.5	43
22	Genome Sequence of <i>Enterobacter radicincitans</i> DSM16656 ^T , a Plant Growth-Promoting Endophyte. Journal of Bacteriology, 2012, 194, 5469-5469.	2.2	55
23	Comparative analysis of the grain proteome fraction in barley genotypes with contrasting salinity tolerance during germination. Plant, Cell and Environment, 2010, 33, 211-222.	5.7	102
24	Salt stress-induced alterations in the root proteome of barley genotypes with contrasting response towards salinity. Journal of Experimental Botany, 2009, 60, 3545-3557.	4.8	191
25	Clay chips and beads capture <i>in situ</i> barley root microbiota and facilitate <i>in vitro</i> long-term preservation of microbial strains. FEMS Microbiology Ecology, 0, , .	2.7	3