

Kristian Peters

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

701
citations

933264

10
h-index

940416

16
g-index

19
all docs

19
docs citations

19
times ranked

1320
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of climate change on weeds in agriculture: a review. <i>Agronomy for Sustainable Development</i> , 2014, 34, 707-721.	2.2	175
2	Current Challenges in Plant Eco-Metabolomics. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1385.	1.8	106
3	FAIR Computational Workflows. <i>Data Intelligence</i> , 2020, 2, 108-121.	0.8	97
4	The metaRbolomics Toolbox in Bioconductor and beyond. <i>Metabolites</i> , 2019, 9, 200.	1.3	64
5	PhenoMeNal: processing and analysis of metabolomics data in the cloud. <i>GigaScience</i> , 2019, 8, .	3.3	60
6	Functional Traits 2.0: The power of the metabolome for ecology. <i>Journal of Ecology</i> , 2022, 110, 4-20.	1.9	42
7	Chemical Diversity and Classification of Secondary Metabolites in Nine Bryophyte Species. <i>Metabolites</i> , 2019, 9, 222.	1.3	34
8	Seasonal variation of secondary metabolites in nine different bryophytes. <i>Ecology and Evolution</i> , 2018, 8, 9105-9117.	0.8	33
9	Interoperable and scalable data analysis with microservices: applications in metabolomics. <i>Bioinformatics</i> , 2019, 35, 3752-3760.	1.8	22
10	A practical guide to implementing metabolomics in plant ecology and biodiversity research. <i>Advances in Botanical Research</i> , 2021, , 163-203.	0.5	17
11	Computational workflow to study the seasonal variation of secondary metabolites in nine different bryophytes. <i>Scientific Data</i> , 2018, 5, 180179.	2.4	12
12	Untargeted In Silico Compound Classification—A Novel Metabolomics Method to Assess the Chemodiversity in Bryophytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3251.	1.8	11
13	Response of the two rare arable weed species <i>Lithospermum arvense</i> and <i>Scandix pecten-veneris</i> to climate change conditions. <i>Plant Ecology</i> , 2014, 215, 1013-1023.	0.7	10
14	Metabolic drift in the aging nervous system is reflected in human cerebrospinal fluid. <i>Scientific Reports</i> , 2021, 11, 18822.	1.6	6
15	Impact of in vitro hormone treatments on the bibenzyl production of <i>Radula complanata</i> . <i>Botany</i> , 0, , .	0.5	5
16	Weed Growth Properties of <i>Amaranthus Retroflexus</i> , <i>Echinochloa Crus-Galli</i> and <i>Setaria Viridis</i> as Influenced by Shifts in the Maize Cropping Season. <i>Journal of Plant Diseases and Protection</i> , 2015, 122, 49-55.	1.6	3