

Kristian Peters

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

386
citations

9
h-index

19
g-index

19
ext. papers

558
ext. citations

4.5
avg, IF

3.5
L-index

#	Paper	IF	Citations
18	Impact of climate change on weeds in agriculture: a review. <i>Agronomy for Sustainable Development</i> , 2014 , 34, 707-721	6.8	126
17	Current Challenges in Plant Eco-Metabolomics. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	63
16	PhenoMeNal: processing and analysis of metabolomics data in the cloud. <i>GigaScience</i> , 2019 , 8,	7.6	41
15	The metaRbolomics Toolbox in Bioconductor and beyond. <i>Metabolites</i> , 2019 , 9,	5.6	38
14	FAIR Computational Workflows. <i>Data Intelligence</i> , 2020 , 2, 108-121	3	29
13	Seasonal variation of secondary metabolites in nine different bryophytes. <i>Ecology and Evolution</i> , 2018 , 8, 9105-9117	2.8	18
12	Chemical Diversity and Classification of Secondary Metabolites in Nine Bryophyte Species. <i>Metabolites</i> , 2019 , 9,	5.6	17
11	Interoperable and scalable data analysis with microservices: applications in metabolomics. <i>Bioinformatics</i> , 2019 , 35, 3752-3760	7.2	15
10	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	1.7	10
9	Computational workflow to study the seasonal variation of secondary metabolites in nine different bryophytes. <i>Scientific Data</i> , 2018 , 5, 180179	8.2	8
8	Functional Traits 2.0: The power of the metabolome for ecology. <i>Journal of Ecology</i> , 2022 , 110, 4-20	6	5
7	Untargeted In Silico Compound Classification-A Novel Metabolomics Method to Assess the Chemodiversity in Bryophytes. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
6	A practical guide to implementing metabolomics in plant ecology and biodiversity research. <i>Advances in Botanical Research</i> , 2021 , 163-203	2.2	3
5	Interoperable and scalable data analysis with microservices: Applications in Metabolomics		2
4	Metabolic drift in the aging nervous system is reflected in human cerebrospinal fluid. <i>Scientific Reports</i> , 2021 , 11, 18822	4.9	2
3	Entwicklung, Samenbildung und Biomasseproduktion ausgewählter Problemunkrautarten in Rapshalbzwerghybriden. <i>Gesunde Pflanzen</i> , 2009 , 61, 101-106	1.9	1
2	PhenoMeNal: Processing and analysis of Metabolomics data in the Cloud		1

- 1 Weed Growth Properties of *Amaranthus Retroflexus*, *Echinochloa Crus-Galli* and *Setaria Viridis* as Influenced by Shifts in the Maize Cropping Season. *Journal of Plant Diseases and Protection*, **2015**, 122, 49-55 1.5 0