Kristian Peters

List of Publications by Year in Descending Order

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	Functional Traits 2.0: The power of the metabolome for ecology. *Journal of Ecology*, **2022**, 110, 4-20	6	5
17	Untargeted In Silico Compound Classification-A Novel Metabolomics Method to Assess the Chemodiversity in Bryophytes. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
16	Metabolic drift in the aging nervous system is reflected in human cerebrospinal fluid. *Scientific Reports*, **2021**, 11, 18822	4.9	2
15	A practical guide to implementing metabolomics in plant ecology and biodiversity research. *Advances in Botanical Research*, **2021**, 163-203	2.2	3
14	FAIR Computational Workflows. *Data Intelligence*, **2020**, 2, 108-121	3	29
13	The metaRbolomics Toolbox in Bioconductor and beyond. *Metabolites*, **2019**, 9,	5.6	38
12	Interoperable and scalable data analysis with microservices: applications in metabolomics. *Bioinformatics*, **2019**, 35, 3752-3760	7.2	15
11	Chemical Diversity and Classification of Secondary Metabolites in Nine Bryophyte Species. *Metabolites*, **2019**, 9,	5.6	17
10	PhenoMeNal: processing and analysis of metabolomics data in the cloud. *GigaScience*, **2019**, 8,	7.6	41
9	Current Challenges in Plant Eco-Metabolomics. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	63
8	Seasonal variation of secondary metabolites in nine different bryophytes. *Ecology and Evolution*, **2018**, 8, 9105-9117	2.8	18
7	Computational workflow to study the seasonal variation of secondary metabolites in nine different bryophytes. *Scientific Data*, **2018**, 5, 180179	8.2	8
6	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
5	Response of the two rare arable weed species Lithospermum arvense and Scandix pecten-veneris to climate change conditions. *Plant Ecology*, **2014**, 215, 1013-1023	1.7	10
4	Impact of climate change on weeds in agriculture: a review. *Agronomy for Sustainable Development*, **2014**, 34, 707-721	6.8	126
3	Entwicklung, Samenbildung und Biomasseproduktion ausgewählter Problemunkrautarten in Rapshalbzwerghybriden. *Gesunde Pflanzen*, **2009**, 61, 101-106	1.9	1
2	Interoperable and scalable data analysis with microservices: Applications in Metabolomics		2

List of Publications

1 PhenoMeNal: Processing and analysis of Metabolomics data in the Cloud 1