

Solveig Franziska Bucher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3498276/publications.pdf>

Version: 2024-02-01

25
papers

1,436
citations

687363

13
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

3794
citing authors

#	ARTICLE	IF	CITATIONS
1	Evergreen broadleaf greenness and its relationship with leaf flushing, aging, and water fluxes. <i>Agricultural and Forest Meteorology</i> , 2022, 323, 109060.	4.8	3
2	Functional traits influence patterns in vegetative and reproductive plant phenology – a multi-botanical garden study. <i>New Phytologist</i> , 2022, 235, 2199-2210.	7.3	13
3	Foliar summer frost resistance measured via electrolyte leakage approach as related to plant distribution, community composition and plant traits. <i>Functional Ecology</i> , 2021, 35, 590-600.	3.6	5
4	The PhenObs initiative: A standardised protocol for monitoring phenological responses to climate change using herbaceous plant species in botanical gardens. <i>Functional Ecology</i> , 2021, 35, 821-834.	3.6	23
5	Is the Seasonal Variation in Frost Resistance and Plant Performance in Four Oak Species Affected by Changing Temperatures?. <i>Forests</i> , 2021, 12, 369.	2.1	3
6	Abiotic site conditions affect photosynthesis rates by changing leaf functional traits. <i>Basic and Applied Ecology</i> , 2021, , .	2.7	2
7	The timing of leaf senescence relates to flowering phenology and functional traits in 17 herbaceous species along elevational gradients. <i>Journal of Ecology</i> , 2021, 109, 1537-1548.	4.0	25
8	Ecological Impacts of Megaprojects: Species Succession and Functional Composition. <i>Plants</i> , 2021, 10, 2411.	3.5	2
9	Weakly Supervised Segmentation Pretraining for Plant Cover Prediction. <i>Lecture Notes in Computer Science</i> , 2021, , 589-603.	1.3	3
10	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
11	Invertebrate Decline Leads to Shifts in Plant Species Abundance and Phenology. <i>Frontiers in Plant Science</i> , 2020, 11, 542125.	3.6	12
12	Flowering patterns change along elevational gradients and relate to life-history strategies in 29 herbaceous species. <i>Alpine Botany</i> , 2020, 130, 41-58.	2.4	31
13	Nutrients and water availability constrain the seasonality of vegetation activity in a Mediterranean ecosystem. <i>Global Change Biology</i> , 2020, 26, 4379-4400.	9.5	27
14	Special issue in honour of Prof. Reto J. Strasser – Seasonal variation and trade-off between frost resistance and photosynthetic performance in woody species. <i>Photosynthetica</i> , 2020, 58, 331-340.	1.7	6
15	Towards Confirmable Automated Plant Cover Determination. <i>Lecture Notes in Computer Science</i> , 2020, , 312-329.	1.3	3
16	Assessing sustainable use of wild medicinal plants: a case study in the Naban River Watershed National Nature Reserve (NRWNNR), Yunnan/China. <i>Ethnobotany Research and Applications</i> , 2020, 19, .	0.6	0
17	Recovery of Mediterranean steppe vegetation after cultivation: Legacy effects on plant composition, soil properties and functional traits. <i>Applied Vegetation Science</i> , 2019, 22, 71-84.	1.9	24
18	Temporal and spatial trade-offs between resistance and performance traits in herbaceous plant species. <i>Environmental and Experimental Botany</i> , 2019, 157, 187-196.	4.2	24

#	ARTICLE	IF	CITATIONS
19	Chlorophyll fluorescence and gas exchange measurements in field research: an ecological case study. <i>Photosynthetica</i> , 2018, 56, 1161-1170.	1.7	20
20	Traits and climate are associated with first flowering day in herbaceous species along elevational gradients. <i>Ecology and Evolution</i> , 2018, 8, 1147-1158.	1.9	43
21	Stomatal traits relate to habitat preferences of herbaceous species in a temperate climate. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017, 229, 107-115.	1.2	38
22	Plant functional traits – fixed facts or variable depending on the season?. <i>Folia Geobotanica</i> , 2016, 51, 143-159.	0.9	27
23	Inter- and intraspecific variation in stomatal pore area index along elevational gradients and its relation to leaf functional traits. <i>Plant Ecology</i> , 2016, 217, 229-240.	1.6	39
24	Megaherbivores and cattle alter edge effects around ecosystem hotspots in an African savanna. <i>Journal of Arid Environments</i> , 2013, 96, 55-63.	2.4	23
25	A virtual –Werkstatt– for digitization in the sciences. <i>Research Ideas and Outcomes</i> , 0, 6, .	1.0	2