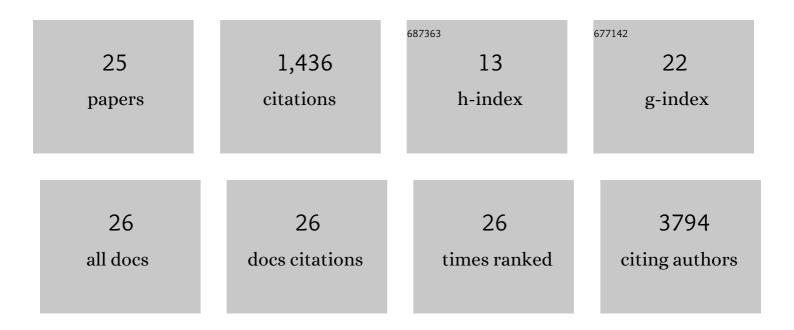
Solveig Franziska Bucher

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3498276/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | TRY plant trait database – enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188. | 9.5 | 1,038 |
| 2 | Traits and climate are associated with first flowering day in herbaceous species along elevational gradients. Ecology and Evolution, 2018, 8, 1147-1158. | 1.9 | 43 |
| 3 | Inter- and intraspecific variation in stomatal pore area index along elevational gradients and its relation to leaf functional traits. Plant Ecology, 2016, 217, 229-240. | 1.6 | 39 |
| 4 | Stomatal traits relate to habitat preferences of herbaceous species in a temperate climate. Flora: Morphology, Distribution, Functional Ecology of Plants, 2017, 229, 107-115. | 1.2 | 38 |
| 5 | Flowering patterns change along elevational gradients and relate to life-history strategies in 29 herbaceous species. Alpine Botany, 2020, 130, 41-58. | 2.4 | 31 |
| 6 | Plant functional traits – fixed facts or variable depending on the season?. Folia Geobotanica, 2016, 51, 143-159. | 0.9 | 27 |
| 7 | Nutrients and water availability constrain the seasonality of vegetation activity in a Mediterranean ecosystem. Global Change Biology, 2020, 26, 4379-4400. | 9.5 | 27 |
| 8 | The timing of leaf senescence relates to flowering phenology and functional traits in 17 herbaceous species along elevational gradients. Journal of Ecology, 2021, 109, 1537-1548. | 4.0 | 25 |
| 9 | Recovery of Mediterranean steppe vegetation after cultivation: Legacy effects on plant composition, soil properties and functional traits. Applied Vegetation Science, 2019, 22, 71-84. | 1.9 | 24 |
| 10 | Temporal and spatial trade-offs between resistance and performance traits in herbaceous plant species. Environmental and Experimental Botany, 2019, 157, 187-196. | 4.2 | 24 |
| 11 | Megaherbivores and cattle alter edge effects around ecosystem hotspots in an African savanna. Journal of Arid Environments, 2013, 96, 55-63. | 2.4 | 23 |
| 12 | The PhenObs initiative: A standardised protocol for monitoring phenological responses to climate change using herbaceous plant species in botanical gardens. Functional Ecology, 2021, 35, 821-834. | 3.6 | 23 |
| 13 | Chlorophyll fluorescence and gas exchange measurements in field research: an ecological case study. Photosynthetica, 2018, 56, 1161-1170. | 1.7 | 20 |
| 14 | Functional traits influence patterns in vegetative and reproductive plant phenology – a multiâ€botanical garden study. New Phytologist, 2022, 235, 2199-2210. | 7.3 | 13 |
| 15 | Invertebrate Decline Leads to Shifts in Plant Species Abundance and Phenology. Frontiers in Plant Science, 2020, 11, 542125. | 3.6 | 12 |
| 16 | Special issue in honour of Prof. Reto J. StrasserÂ-ÂSeasonal variation and trade-off between frost resistance and photosynthetic performance in woody species. Photosynthetica, 2020, 58, 331-340. | 1.7 | 6 |
| 17 | Foliar summer frost resistance measured via electrolyte leakage approach as related to plant distribution, community composition and plant traits. Functional Ecology, 2021, 35, 590-600. | 3.6 | 5 |
| 18 | Is the Seasonal Variation in Frost Resistance and Plant Performance in Four Oak Species Affected by Changing Temperatures?. Forests, 2021, 12, 369. | 2.1 | 3 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Towards Confirmable Automated Plant Cover Determination. Lecture Notes in Computer Science, 2020, , 312-329. | 1.3 | 3 |
| 20 | Weakly Supervised Segmentation Pretraining forÂPlant Cover Prediction. Lecture Notes in Computer Science, 2021, , 589-603. | 1.3 | 3 |
| 21 | Evergreen broadleaf greenness and its relationship with leaf flushing, aging, and water fluxes. Agricultural and Forest Meteorology, 2022, 323, 109060. | 4.8 | 3 |
| 22 | Abiotic site conditions affect photosynthesis rates by changing leaf functional traits. Basic and Applied Ecology, 2021, , . | 2.7 | 2 |
| 23 | A virtual "Werkstatt―for digitization in the sciences. Research Ideas and Outcomes, 0, 6, . | 1.0 | 2 |
| 24 | Ecological Impacts of Megaprojects: Species Succession and Functional Composition. Plants, 2021, 10, 2411. | 3.5 | 2 |
| 25 | Assessing sustainable use of wild medicinal plants: a case study in the Naban River Watershed National Nature Reserve (NRWNNR), Yunnan/China. Ethnobotany Research and Applications, 2020, 19, . | 0.6 | Ο |