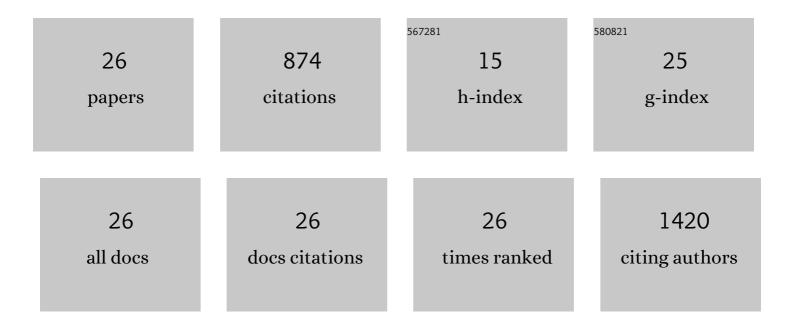
## Stephan Unger

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6361653/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The influence of precipitation pulses on soil respiration – Assessing the "Birch effect―by stable carbon isotopes. Soil Biology and Biochemistry, 2010, 42, 1800-1810.	8.8	209
2	Progress and challenges in using stable isotopes to trace plant carbon and water relations across scales. Biogeosciences, 2012, 9, 3083-3111.	3.3	138
3	Importance of shortâ€ŧerm dynamics in carbon isotope ratios of ecosystem respiration (δ13 C R ) in a Mediterranean oak woodland and linkage to environmental factors. New Phytologist, 2006, 172, 330-346.	7.3	52
4	Endophytic Metarhizium brunneum mitigates nutrient deficits in potato and improves plant productivity and vitality. Fungal Ecology, 2018, 34, 43-49.	1.6	50
5	Shortâ€term dynamics of isotopic composition of leafâ€respired CO <sub>2</sub> upon darkening: measurements and implications. Rapid Communications in Mass Spectrometry, 2009, 23, 2428-2438.	1.5	47
6	Disentangling drought-induced variation in ecosystem and soil respiration using stable carbon isotopes. Oecologia, 2010, 163, 1043-1057.	2.0	46
7	Partitioning carbon fluxes in a Mediterranean oak forest to disentangle changes in ecosystem sink strength during drought. Agricultural and Forest Meteorology, 2009, 149, 949-961.	4.8	41
8	Interpreting post-drought rewetting effects on soil and ecosystem carbon dynamics in a Mediterranean oak savannah. Agricultural and Forest Meteorology, 2012, 154-155, 9-18.	4.8	36
9	Resilience of montado understorey to experimental precipitation variability fails under severe natural drought. Agriculture, Ecosystems and Environment, 2013, 178, 18-30.	5.3	30
10	Precipitation variability does not affect soil respiration and nitrogen dynamics in the understorey of a Mediterranean oak woodland. Plant and Soil, 2013, 372, 235-251.	3.7	27
11	Allocation trade-off between root and mycorrhizal surface defines nitrogen and phosphorus relations in 13 grassland species. Plant and Soil, 2016, 407, 279-292.	3.7	27
12	Consequences of Changing Precipitation Patterns for Ecosystem Functioning in Grasslands: A Review. Progress in Botany Fortschritte Der Botanik, 2015, , 347-393.	0.3	25
13	The impact of changes in the timing of precipitation on the herbaceous understorey of Mediterranean evergreen oak woodlands. Agricultural and Forest Meteorology, 2013, 171-172, 163-173.	4.8	22
14	Conditions Promoting Mycorrhizal Parasitism Are of Minor Importance for Competitive Interactions in Two Differentially Mycotrophic Species. Frontiers in Plant Science, 2016, 7, 1465.	3.6	18
15	Importance of phosphorus supply through endophytic Metarhizium brunneum for root:shoot allocation and root architecture in potato plants. Plant and Soil, 2018, 430, 87-97.	3.7	17
16	Can arbuscular mycorrhizal fungi mitigate drought stress in annual pasture legumes?. Plant and Soil, 2022, 472, 295-310.	3.7	15
17	Potential advantages of highly mycotrophic foraging for the establishment of early successional pioneer plants on sand. Functional Plant Biology, 2015, 42, 95.	2.1	13
18	Role of mycorrhization and nutrient availability in competitive interactions between the grassland species Plantago lanceolata and Hieracium pilosella. Plant Ecology, 2015, 216, 887-899.	1.6	13

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#	Article	IF	CITATIONS
19	Speciesâ€ <b>s</b> pecific adaptations explain resilience of herbaceous understorey to increased precipitation variability in a M editerranean oak woodland. Ecology and Evolution, 2015, 5, 4246-4262.	1.9	11
20	Relationship between mycorrhizal responsiveness and root traits in European sand dune species. Rhizosphere, 2017, 3, 160-169.	3.0	9
21	Overwhelming effects of autumn-time drought during seedling establishment impair recovery potential in sown and semi-natural pastures in Portugal. Plant Ecology, 2019, 220, 183-197.	1.6	8
22	Nitrogen limitation impairs plant control over the arbuscular mycorrhizal symbiosis in response to phosphorus and shading in two European sand dune species. Plant Ecology, 2018, 219, 17-29.	1.6	5
23	Temporal Dynamics in $\hat{l}'13C$ of Ecosystem Respiration in Response to Environmental Changes. , 2007, , 193-210.		5
24	Effects of precipitation variability on carbon and water fluxes in the understorey of a nitrogen-limited montado ecosystem. Oecologia, 2014, 176, 1199-1212.	2.0	4
25	Arbuscular Mycorrhizal Fungi and Nutrition Determine the Outcome of Competition Between Lolium multiflorum and Trifolium subterraneum. Frontiers in Plant Science, 2021, 12, 778861.	3.6	4
26	Temporal Dynamics in δ13C of Ecosystem Respiration in Response to Environmental Changes. Journal of Nano Education (Print), 2007, , 191-210.	0.3	2