Oliver Purschke

List of Publications by Year
in descending order

29 papers	3,297 citations	279798 23 h-index	477307 29 g-index
34 all docs	34 docs citations	34 times ranked	7013 citing authors

#	Article	IF	Citations
1	A guide to phylogenetic metrics for conservation, community ecology and macroecology. Biological Reviews, 2017, 92, 698-715.	10.4	570
2	Land-use intensification causes multitrophic homogenization of grassland communities. Nature, 2016, 540, 266-269.	27.8	404
3	Global traitâ€“environment relationships of plant communities. Nature Ecology and Evolution, 2018, 2, 1906-1917.	7.8	397
4	Contrasting changes in taxonomic, phylogenetic and functional diversity during a longâ€term succession: insights into assembly processes. Journal of Ecology, 2013, 101, 857-866.	4.0	282
5	Biodiversity and ecosystem functioning relations in European forests depend on environmental context. Ecology Letters, 2017, 20, 1414-1426.	6.4	244
6	Embracing scaleâ€dependence to achieve a deeper understanding of biodiversity and its change across communities. Ecology Letters, 2018, 21, 1737-1751.	6.4	204
7	sPlot â€“ A new tool for global vegetation analyses. Journal of Vegetation Science, 2019, 30, 161-186.	2.2	185
8	COMPONENTS OF UNCERTAINTY IN SPECIES DISTRIBUTION ANALYSIS: A CASE STUDY OF THE GREAT GREY SHRIKE. Ecology, 2008, 89, 3371-3386.	3.2	178
9	Measurement of Biodiversity (MoB): A method to separate the scaleâ€dependent effects of species abundance distribution, density, and aggregation on diversity change. Methods in Ecology and Evolution, 2019, 10, 258-269.	5.2	87
10	Soil and tree species traits both shape soil microbial communities during early growth of Chinese subtropical forests. Soil Biology and Biochemistry, 2016, 96, 180-190.	8.8	80
11	Tradeâ€offs between physical and chemical carbonâ€based leaf defence: of intraspecific variation and trait evolution. Journal of Ecology, 2015, 103, 1667-1679.	4.0	62
12	Linking landscape history and dispersal traits in grassland plant communities. Oecologia, 2012, 168, 773-783.	2.0	58
13	Climate warming promotes species diversity, but with greater taxonomic redundancy, in complex environments. Science Advances, 2017, 3, e1700866.	10.3	50
14	sPlotOpen â€“ An environmentally balanced, openâ€access, global dataset of vegetation plots. Global Ecology and Biogeography, 2021, 30, 1740-1764.	5.8	49
15	Responses of grassland species richness to local and landscape factors depend on spatial scale and habitat specialization. Journal of Vegetation Science, 2012, 23, 41-51.	2.2	47
16	Functional and phylogenetic diversity of woody plants drive herbivory in a highly diverse forest. New Phytologist, 2014, 202, 864-873.	7.3	43
17	Phylogenetic structure of plant species pools reflects habitat age on the geological time scale. Journal of Vegetation Science, 2015, 26, 1080-1089.	2.2	43
18	No plant functional diversity effects on foliar fungal pathogens in experimental tree communities. Fungal Diversity, 2014, 66, 139-151.	12.3	41

#	Article	IF	Citations
19	Tree phylogenetic diversity promotes hostâ€“parasitoid interactions. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160275.	2.6	41
20	Functional responses of plant communities to management, landscape and historical factors in semiâ€natural grasslands. Journal of Vegetation Science, 2014, 25, 750-759.	2.2	37
21	Classification of Grassland Successional Stages Using Airborne Hyperspectral Imagery. Remote Sensing, 2014, 6, 7732-7761.	4.0	29
22	Tree diversity promotes functional dissimilarity and maintains functional richness despite species loss in predator assemblages. Oecologia, 2014, 174, 533-543.	2.0	29
23	Interactive effects of landscape history and current management on dispersal trait diversity in grassland plant communities. Journal of Ecology, 2014, 102, 437-446.	4.0	28
24	A global database for metacommunity ecology, integrating species, traits, environment and space. Scientific Data, 2020, 7, 6.	5.3	28
25	Phylogenetic turnover during subtropical forest succession across environmental and phylogenetic scales. Ecology and Evolution, 2017, 7, 11079-11091.	1.9	26
26	Similar factors underlie tree abundance in forests in native and alien ranges. Global Ecology and Biogeography, 2020, 29, 281-294.	5.8	21
27	The Evolutionary Legacy of Diversification Predicts Ecosystem Function. American Naturalist, 2016, 188, 398-410.	2.1	14
28	Tree Species Traits but Not Diversity Mitigate Stem Breakage in a Subtropical Forest following a Rare and Extreme Ice Storm. PLoS ONE, 2014, 9, e96022.	2.5	8
29	Disturbed habitats locally reduce the signal of deep evolutionary history in functional traits of plants. New Phytologist, 2021, 232, 1849-1862.	7.3	7