

Vanessa Minden

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

3,164
citations

279798

23
h-index

289244

40
g-index

45
all docs

45
docs citations

45
times ranked

6187
citing authors

#	ARTICLE	IF	CITATIONS
1	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
2	Multiple facets of biodiversity drive the diversity–stability relationship. <i>Nature Ecology and Evolution</i> , 2018, 2, 1579-1587.	7.8	296
3	sPlot – A new tool for global vegetation analyses. <i>Journal of Vegetation Science</i> , 2019, 30, 161-186.	2.2	185
4	Mapping local and global variability in plant trait distributions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10937-E10946.	7.1	159
5	Internal and external regulation of plant organ stoichiometry. <i>Plant Biology</i> , 2014, 16, 897-907.	3.8	112
6	A methodology to derive global maps of leaf traits using remote sensing and climate data. <i>Remote Sensing of Environment</i> , 2018, 218, 69-88.	11.0	104
7	Trait correlation network analysis identifies biomass allocation traits and stem specific length as hub traits in herbaceous perennial plants. <i>Journal of Ecology</i> , 2019, 107, 829-842.	4.0	95
8	Global root traits (GRooT) database. <i>Global Ecology and Biogeography</i> , 2021, 30, 25-37.	5.8	90
9	Climatic and soil factors explain the two-dimensional spectrum of global plant trait variation. <i>Nature Ecology and Evolution</i> , 2022, 6, 36-50.	7.8	89
10	Why functional ecology should consider all plant organs: An allocation-based perspective. <i>Basic and Applied Ecology</i> , 2015, 16, 1-9.	2.7	86
11	Antibiotics impact plant traits, even at small concentrations. <i>AoB PLANTS</i> , 2017, 9, plx010.	2.3	81
12	Social bees are fitter in more biodiverse environments. <i>Scientific Reports</i> , 2018, 8, 12353.	3.3	72
13	Phylogenetic patterns and phenotypic profiles of the species of plants and mammals farmed for food. <i>Nature Ecology and Evolution</i> , 2018, 2, 1808-1817.	7.8	59
14	Testing the effect-response framework: key response and effect traits determining above-ground biomass of salt marshes. <i>Journal of Vegetation Science</i> , 2011, 22, 387-401.	2.2	58
15	Robustness of trait connections across environmental gradients and growth forms. <i>Global Ecology and Biogeography</i> , 2019, 28, 1806-1826.	5.8	56
16	Plant trait–environment relationships in salt marshes: Deviations from predictions by ecological concepts. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2012, 14, 183-192.	2.7	52
17	Global gradients in intraspecific variation in vegetative and floral traits are partially associated with climate and species richness. <i>Global Ecology and Biogeography</i> , 2020, 29, 992-1007.	5.8	51
18	The influence of balanced and imbalanced resource supply on biodiversity–functioning relationship across ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150283.	4.0	43

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19	Size-class distribution of <i>Anogeissus leiocarpus</i> (Combretaceae) along forest-savanna ecotones in northern Ivory Coast. <i>Journal of Tropical Ecology</i> , 2005, 21, 273-281.	1.1	42
20	How effective are tidal marshes as nature-based shoreline protection throughout seasons?. <i>Limnology and Oceanography</i> , 2019, 64, 1750-1762.	3.1	41
21	Plants increase silicon content as a response to nitrogen or phosphorus limitation: a case study with <i>Holcus lanatus</i> . <i>Plant and Soil</i> , 2021, 462, 95-108.	3.7	40
22	Effects of invasive alien kahili ginger (<i>Hedychium gardnerianum</i>) on native plant species regeneration in a Hawaiian rainforest. <i>Applied Vegetation Science</i> , 2010, 13, 5-14.	1.9	37
23	Ecosystem multifunctionality of coastal marshes is determined by key plant traits. <i>Journal of Vegetation Science</i> , 2015, 26, 651-662.	2.2	30
24	Plant traits and species interactions along gradients of N, P and K availabilities. <i>Functional Ecology</i> , 2019, 33, 1611-1626.	3.6	26
25	Does the leaf economic spectrum hold within plant functional types? A Bayesian multivariate trait meta-analysis. <i>Ecological Applications</i> , 2020, 30, e02064.	3.8	22
26	Invasion and management of alien <i>Hedychium gardnerianum</i> (kahili ginger, Zingiberaceae) alter plant species composition of a montane rainforest on the island of Hawaii. <i>Plant Ecology</i> , 2010, 206, 321-333.	1.6	21
27	Experimental salt marsh islands: A model system for novel metacommunity experiments. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 288-298.	2.1	21
28	The acquisitive-conservative axis of leaf trait variation emerges even in homogeneous environments. <i>Annals of Botany</i> , 2022, 129, 709-722.	2.9	18
29	High exposure of global tree diversity to human pressure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	18
30	The functional trait spectrum of European temperate grasslands. <i>Journal of Vegetation Science</i> , 2019, 30, 777-788.	2.2	17
31	Consistent drivers of plant biodiversity across managed ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150284.	4.0	14
32	Interactions between ecosystem properties and land use clarify spatial strategies to optimize trade-offs between agriculture and species conservation. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2017, 13, 53-66.	2.9	14
33	Antibiotic-induced effects on scaling relationships and on plant element contents in herbs and grasses. <i>Ecology and Evolution</i> , 2018, 8, 6699-6713.	1.9	12
34	Non-native plant cover and functional trait composition of urban temperate grasslands in relation to local- and landscape-scale road density. <i>Biological Invasions</i> , 2018, 20, 3025-3036.	2.4	9
35	Hydrodynamics affect plant traits in estuarine ecotones with impact on carbon sequestration potentials. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 259, 107464.	2.1	9
36	Comparison of native and non-native <i>Impatiens</i> species across experimental light and nutrient gradients. <i>Plant Ecology and Evolution</i> , 2016, 149, 59-72.	0.7	8

#	ARTICLE	IF	CITATIONS
37	Digging into the roots: understanding direct and indirect drivers of ecosystem service trade-offs in coastal grasslands via plant functional traits. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 271.	2.7	8
38	Negative bottom-up effects of sulfadiazine, but not penicillin and tetracycline, in soil substitute on plants and higher trophic levels. <i>Environmental Pollution</i> , 2019, 245, 531-544.	7.5	7
39	Increasing Functional Diversity in a Global Land Surface Model Illustrates Uncertainties Related to Parameter Simplification. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	3.0	6
40	Unraveling plant strategies in tidal marshes by investigating plant traits and environmental conditions. <i>Journal of Vegetation Science</i> , 2021, 32, e13038.	2.2	4