

Markus Bernhardt-RäJmermann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3707583/publications.pdf>

Version: 2024-02-01

71
papers

5,307
citations

136950

32
h-index

91884

69
g-index

75
all docs

75
docs citations

75
times ranked

8671
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating historic N- and S-deposition with publicly available data – An example from Central Germany. <i>Environmental Pollution</i> , 2022, 292, 118378.	7.5	0
2	Directional turnover towards larger-ranged plants over time and across habitats. <i>Ecology Letters</i> , 2022, 25, 466-482.	6.4	39
3	European beech leads to more bioactive humus forms but stronger mineral soil acidification as Norway spruce and Scots pine – Results of a repeated site assessment after 63 and 82 years of forest conversion in Central Germany. <i>Forest Ecology and Management</i> , 2021, 483, 118769.	3.2	25
4	Taxonomic, phylogenetic and functional diversity of understorey plants respond differently to environmental conditions in European forest edges. <i>Journal of Ecology</i> , 2021, 109, 2629-2648.	4.0	28
5	Effects of Moderate Nitrate and Low Sulphate Depositions on the Status of Soil Base Cation Pools and Recent Mineral Soil Acidification at Forest Conversion Sites with European Beech (‘Green Eyes’) Embedded in Norway Spruce and Scots Pine Stands. <i>Forests</i> , 2021, 12, 573.	2.1	6
6	Dimensions of invasiveness: Links between local abundance, geographic range size, and habitat breadth in Europe’s alien and native floras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	47
7	A checklist for using Beals’ index with incomplete floristic monitoring data. <i>Diversity and Distributions</i> , 2021, 27, 1328-1333.	4.1	1
8	The impact of livestock grazing and canopy gaps on species pool and functional diversity of ground flora in the Caspian beech forests of Iran. <i>Applied Vegetation Science</i> , 2021, 24, e12592.	1.9	3
9	Thermal differences between juveniles and adults increased over time in European forest trees. <i>Journal of Ecology</i> , 2021, 109, 3944-3957.	4.0	4
10	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
11	Rare species, functional groups, and evolutionary lineages drive successional trajectories in disturbed forests. <i>Ecology</i> , 2020, 101, e02949.	3.2	26
12	Plant functional trait response to environmental drivers across European temperate forest understorey communities. <i>Plant Biology</i> , 2020, 22, 410-424.	3.8	38
13	Response to Comment on ‘Forest microclimate dynamics drive plant responses to warming’. <i>Science</i> , 2020, 370, .	12.6	1
14	Forest microclimate dynamics drive plant responses to warming. <i>Science</i> , 2020, 368, 772-775.	12.6	385
15	Using incomplete floristic monitoring data from habitat mapping programmes to detect species trends. <i>Diversity and Distributions</i> , 2020, 26, 782-794.	4.1	15
16	Replacements of small- by large-ranged species scale up to diversity loss in Europe’s temperate forest biome. <i>Nature Ecology and Evolution</i> , 2020, 4, 802-808.	7.8	67
17	Response to Comment on ‘Forest microclimate dynamics drive plant responses to warming’. <i>Science</i> , 2020, 370, .	12.6	3
18	The contribution of different habitat types to species diversity of Baltic uplift islands. <i>Basic and Applied Ecology</i> , 2019, 41, 22-32.	2.7	0

#	ARTICLE	IF	CITATIONS
19	Vegetation changes over the past two decades in a West African savanna ecosystem. <i>Applied Vegetation Science</i> , 2019, 22, 230-242.	1.9	14
20	Geese are overlooked dispersal vectors for vascular plants in archipelago environments. <i>Journal of Vegetation Science</i> , 2019, 30, 533-541.	2.2	19
21	Functional trait variation of forest understorey plant communities across Europe. <i>Basic and Applied Ecology</i> , 2019, 34, 1-14.	2.7	33
22	Chlorophyll fluorescence and gas exchange measurements in field research: an ecological case study. <i>Photosynthetica</i> , 2018, 56, 1161-1170.	1.7	20
23	Global environmental change effects on plant community composition trajectories depend upon management legacies. <i>Global Change Biology</i> , 2018, 24, 1722-1740.	9.5	93
24	Diversity and occurrence of herbaceous communities in West African savannas in relation to climate, land use and habitat. <i>Folia Geobotanica</i> , 2018, 53, 17-39.	0.9	5
25	New insights into island vegetation composition and species diversity – Consistent and conditional responses across contrasting insular habitats at the plot-scale. <i>PLoS ONE</i> , 2018, 13, e0200191.	2.5	9
26	The impact of road disturbance on vegetation and soil properties in a beech stand, Hyrcanian forest. <i>European Journal of Forest Research</i> , 2018, 137, 759-770.	2.5	47
27	BryForTrait – A life history trait database of forest bryophytes. <i>Journal of Vegetation Science</i> , 2018, 29, 798-800.	2.2	33
28	Responses of competitive understorey species to spatial environmental gradients inaccurately explain temporal changes. <i>Basic and Applied Ecology</i> , 2018, 30, 52-64.	2.7	11
29	Understanding context dependency in the response of forest understorey plant communities to nitrogen deposition. <i>Environmental Pollution</i> , 2018, 242, 1787-1799.	7.5	49
30	On the structural and species diversity effects of bark beetle disturbance in forests during initial and advanced early-seral stages at different scales. <i>European Journal of Forest Research</i> , 2017, 136, 357-373.	2.5	6
31	Resurvey of historical vegetation plots: a tool for understanding long-term dynamics of plant communities. <i>Applied Vegetation Science</i> , 2017, 20, 161-163.	1.9	48
32	Combining Biodiversity Resurveys across Regions to Advance Global Change Research. <i>BioScience</i> , 2017, 67, 73-83.	4.9	89
33	Effects of climate, habitat and land use on the cover and diversity of the savanna herbaceous layer in Burkina Faso, West Africa. <i>Folia Geobotanica</i> , 2017, 52, 129-142.	0.9	5
34	Coppicing systems as a way of understanding patterns in forest vegetation. <i>Folia Geobotanica</i> , 2017, 52, 1-3.	0.9	9
35	The contribution of termite mounds to landscape-scale variation in vegetation in a West African national park. <i>Journal of Vegetation Science</i> , 2017, 28, 105-116.	2.2	17
36	Effects of Climate and Land Use on Herbaceous Species Richness and Vegetation Composition in West African Savanna Ecosystems. <i>Journal of Botany</i> , 2016, 2016, 1-11.	1.2	14

#	ARTICLE	IF	CITATIONS
37	Changes in the dominant assembly mechanism drive species loss caused by declining resources. <i>Ecology Letters</i> , 2016, 19, 163-170.	6.4	60
38	Plant functional traits – fixed facts or variable depending on the season?. <i>Folia Geobotanica</i> , 2016, 51, 143-159.	0.9	27
39	Seasonal synchronization of seed release phenology promotes long-distance seed dispersal by wind for tree species with medium wind dispersal potential. <i>Journal of Vegetation Science</i> , 2015, 26, 1090-1101.	2.2	8
40	Drivers of temporal changes in temperate forest plant diversity vary across spatial scales. <i>Global Change Biology</i> , 2015, 21, 3726-3737.	9.5	124
41	The impact of study design and life history traits on genetic variation of plants determined with AFLPs. <i>Plant Ecology</i> , 2014, 215, 1493-1511.	1.6	72
42	Elevation matters: contrasting effects of climate change on the vegetation development at different elevations in the Bavarian Alps. <i>Alpine Botany</i> , 2014, 124, 143-154.	2.4	35
43	Plant movements and climate warming: intraspecific variation in growth responses to nonlocal soils. <i>New Phytologist</i> , 2014, 202, 431-441.	7.3	29
44	Forest floor vegetation response to nitrogen deposition in Europe. <i>Global Change Biology</i> , 2014, 20, 429-440.	9.5	139
45	Reply to Harwood et al.: Thermophilization estimation is robust to the scale of species distribution data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1166-E1166.	7.1	4
46	Long-distance seed dispersal by wind: disentangling the effects of species traits, vegetation types, vertical turbulence and wind speed. <i>Ecological Research</i> , 2014, 29, 641-651.	1.5	38
47	A model-based approach to studying changes in compositional heterogeneity. <i>Methods in Ecology and Evolution</i> , 2014, 5, 156-164.	5.2	19
48	Land-use impact on the growth and survival of seedlings and saplings in West African savannas. <i>Journal of Vegetation Science</i> , 2013, 24, 101-112.	2.2	9
49	Microclimate moderates plant responses to macroclimate warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18561-18565.	7.1	523
50	Human impact on population structure and fruit production of the socio-economically important tree <i>Lannea microcarpa</i> in Burkina Faso. <i>Agroforestry Systems</i> , 2013, 87, 1363-1375.	2.0	32
51	The influence of termite-induced heterogeneity on savanna vegetation along a climatic gradient in West Africa. <i>Journal of Tropical Ecology</i> , 2013, 29, 11-23.	1.1	35
52	Driving factors behind the eutrophication signal in understory plant communities of deciduous temperate forests. <i>Journal of Ecology</i> , 2012, 100, 352-365.	4.0	214
53	Population Structure of Woody Plants in Relation to Land Use in a Semi-arid Savanna, West Africa. <i>Biotropica</i> , 2012, 44, 744-751.	1.6	17
54	Explaining grassland biomass – the contribution of climate, species and functional diversity depends on fertilization and mowing frequency. <i>Journal of Applied Ecology</i> , 2011, 48, 1088-1097.	4.0	88

#	ARTICLE	IF	CITATIONS
55	Functional traits and local environment predict vegetation responses to disturbance: a pan-European multi-site experiment. <i>Journal of Ecology</i> , 2011, 99, 777-787.	4.0	125
56	Adaptation of plant functional group composition to management changes in calcareous grassland. <i>Agriculture, Ecosystems and Environment</i> , 2011, 145, 29-37.	5.3	36
57	Impacts of land-use on West African savanna vegetation: a comparison between protected and communal area in Burkina Faso. <i>Biodiversity and Conservation</i> , 2011, 20, 3341-3362.	2.6	70
58	Impacts of Land Abandonment on Vegetation: Successional Pathways in European Habitats. <i>Folia Geobotanica</i> , 2011, 46, 303-325.	0.9	116
59	The estimation of aboveground biomass and nutrient pools of understorey plants in closed Norway spruce forests and on clearcuts. <i>European Journal of Forest Research</i> , 2010, 129, 613-624.	2.5	19
60	High Functional Diversity is Related to High Nitrogen Availability in a Deciduous Forest – Evidence from a Functional Trait Approach. <i>Folia Geobotanica</i> , 2010, 45, 111-124.	0.9	18
61	Biodiversity Differences between Managed and Unmanaged Forests: Meta-Analysis of Species Richness in Europe. <i>Conservation Biology</i> , 2010, 24, 101-112.	4.7	679
62	Compromises in Data Selection in a Meta-Analysis of Biodiversity in Managed and Unmanaged Forests: Response to Halme et al.. <i>Conservation Biology</i> , 2010, 24, 1157-1160.	4.7	8
63	Mycorrhizal infection indicates the suitability of different management treatments for nature conservation in calcareous grassland. <i>Botanica Helvetica</i> , 2009, 119, 87.	1.1	4
64	Substitutes for grazing in semi-natural grasslands – do mowing or mulching represent valuable alternatives to maintain vegetation structure?. <i>Journal of Vegetation Science</i> , 2009, 20, 1086-1098.	2.2	76
65	On the identification of the most suitable traits for plant functional trait analyses. <i>Oikos</i> , 2008, 117, 1533-1541.	2.7	94
66	Short-term effects of temperature enhancement on growth and reproduction of alpine grassland species. <i>Basic and Applied Ecology</i> , 2008, 9, 263-274.	2.7	58
67	Changes in life history trait composition during undisturbed old-field succession. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2008, 203, 508-522.	1.2	41
68	Herb-layer diversity in deciduous forests: Raised by tree richness or beaten by beech?. <i>Forest Ecology and Management</i> , 2008, 256, 272-281.	3.2	155
69	Long-term effects of nitrogen deposition on vegetation in a deciduous forest near Munich, Germany. <i>Applied Vegetation Science</i> , 2007, 10, 399-406.	1.9	25
70	Elevated NH ₃ and NO ₂ air concentrations and nitrogen deposition rates in the vicinity of a highway in Southern Bavaria. <i>Atmospheric Environment</i> , 2005, 39, 4531-4542.	4.1	59
71	DISPERSAL POTENTIAL OF HERBACEOUS SPECIES ACCORDING TO CLIMATE, LAND USE AND HABITAT CONDITIONS IN WEST AFRICAN SAVANNAH. <i>Bois Et Forets Des Tropiques</i> , 0, 332, 69-87.	0.2	2