

Nadja RÃ¼ger

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

8,289
citations

218677

26
h-index

345221

36
g-index

44
all docs

44
docs citations

44
times ranked

12516
citing authors

#	ARTICLE	IF	CITATIONS
1	A standard protocol for describing individual-based and agent-based models. <i>Ecological Modelling</i> , 2006, 198, 115-126.	2.5	2,219
2	The global spectrum of plant form and function. <i>Nature</i> , 2016, 529, 167-171.	27.8	2,022
3	TRY plant trait database "enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
4	Rate of tree carbon accumulation increases continuously with tree size. <i>Nature</i> , 2014, 507, 90-93.	27.8	663
5	Plant functional trait change across a warming tundra biome. <i>Nature</i> , 2018, 562, 57-62.	27.8	451
6	Greater temperature sensitivity of plant phenology at colder sites: implications for convergence across northern latitudes. <i>Global Change Biology</i> , 2017, 23, 2660-2671.	9.5	171
7	Multidimensional tropical forest recovery. <i>Science</i> , 2021, 374, 1370-1376.	12.6	165
8	Towards global data products of Essential Biodiversity Variables on species traits. <i>Nature Ecology and Evolution</i> , 2018, 2, 1531-1540.	7.8	163
9	Functional traits explain light and size response of growth rates in tropical tree species. <i>Ecology</i> , 2012, 93, 2626-2636.	3.2	145
10	Beyond the fast-slow continuum: demographic dimensions structuring a tropical tree community. <i>Ecology Letters</i> , 2018, 21, 1075-1084.	6.4	100
11	Demographic trade-offs predict tropical forest dynamics. <i>Science</i> , 2020, 368, 165-168.	12.6	100
12	Response of recruitment to light availability across a tropical lowland rain forest community. <i>Journal of Ecology</i> , 2009, 97, 1360-1368.	4.0	93
13	Growth Strategies of Tropical Tree Species: Disentangling Light and Size Effects. <i>PLoS ONE</i> , 2011, 6, e25330.	2.5	91
14	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
15	Warming shortens flowering seasons of tundra plant communities. <i>Nature Ecology and Evolution</i> , 2019, 3, 45-52.	7.8	79
16	Abrupt population changes in treeline ecotones along smooth gradients. <i>Journal of Ecology</i> , 2006, 94, 880-892.	4.0	68
17	Long-Term Impacts of Fuelwood Extraction on a Tropical Montane Cloud Forest. <i>Ecosystems</i> , 2008, 11, 868-881.	3.4	64
18	Determinants of mortality across a tropical lowland rainforest community. <i>Oikos</i> , 2011, 120, 1047-1056.	2.7	61

#	ARTICLE	IF	CITATIONS
19	Low relative growth rates predict future mortality of common beech (<i>Fagus sylvatica</i> L.). <i>Forest Ecology and Management</i> , 2013, 302, 372-378.	3.2	52
20	Global plant trait relationships extend to the climatic extremes of the tundra biome. <i>Nature Communications</i> , 2020, 11, 1351.	12.8	52
21	A fuzzy habitat suitability index for <i>Populus euphratica</i> in the Northern Amudarya delta (Uzbekistan). <i>Ecological Modelling</i> , 2005, 184, 313-328.	2.5	50
22	Ecological impacts of different harvesting scenarios for temperate evergreen rain forest in southern Chile – A simulation experiment. <i>Forest Ecology and Management</i> , 2007, 252, 52-66.	3.2	50
23	Application of a GIS-based simulation tool to illustrate implications of uncertainties for water management in the Amudarya river delta. <i>Environmental Modelling and Software</i> , 2007, 22, 158-166.	4.5	43
24	Herbaceous perennial plants with short generation time have stronger responses to climate anomalies than those with longer generation time. <i>Nature Communications</i> , 2021, 12, 1824.	12.8	41
25	Toward Integrated Analysis of Human Impacts on Forest Biodiversity: Lessons from Latin America. <i>Ecology and Society</i> , 2009, 14, .	2.3	38
26	Testing metabolic theory with models of tree growth that include light competition. <i>Functional Ecology</i> , 2012, 26, 759-765.	3.6	38
27	Demographic performance of European tree species at their hot and cold climatic edges. <i>Journal of Ecology</i> , 2021, 109, 1041-1054.	4.0	23
28	Taking a closer look: disentangling effects of functional diversity on ecosystem functions with a trait-based model across hierarchy and time. <i>Royal Society Open Science</i> , 2015, 2, 140541.	2.4	19
29	Dry season soil water potential maps of a 50 hectare tropical forest plot on Barro Colorado Island, Panama. <i>Scientific Data</i> , 2019, 6, 63.	5.3	19
30	TUGAI: An Integrated Simulation Tool for Ecological Assessment of Alternative Water Management Strategies in a Degraded River Delta. <i>Environmental Management</i> , 2006, 38, 638-653.	2.7	17
31	Performance of tropical forest seedlings under shade and drought: an interspecific trade-off in demographic responses. <i>Scientific Reports</i> , 2019, 9, 18784.	3.3	15
32	Growth responses to soil water potential indirectly shape local species distributions of tropical forest seedlings. <i>Journal of Ecology</i> , 2019, 107, 860-874.	4.0	11
33	Consistency of demographic trade-offs across 13 (sub)tropical forests. <i>Journal of Ecology</i> , 2022, 110, 1485-1496.	4.0	11
34	Response of Demographic Rates of Tropical Trees to Light Availability: Can Position-Based Competition Indices Replace Information from Canopy Census Data?. <i>PLoS ONE</i> , 2013, 8, e81787.	2.5	10
35	The function–dominance correlation drives the direction and strength of biodiversity–ecosystem functioning relationships. <i>Ecology Letters</i> , 2021, 24, 1762-1775.	6.4	8
36	Future scenarios for tropical montane and south temperate forest biodiversity in Latin America.. , 2007, , 370-397.		2

#	ARTICLE	IF	CITATIONS
37	Process-based modelling of regeneration dynamics and sustainable use in species-rich rainforests.. , 2007, , 244-275.		2
38	Modeling the dynamics of tropical montane cloud forest in central Veracruz, Mexico. , 0, , 584-594.		1