Klaus Gadow

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8924129/publications.pdf

Version: 2024-02-01

64 papers	1,385 citations	411340 20 h-index	425179 34 g-index
66 all docs	66 docs citations	66 times ranked	1546 citing authors

#	Article	IF	Citations
1	Effects of neighborhood interaction on tree growth in a temperate forest following selection harvesting. Ecological Indicators, 2022, 136, 108663.	2.6	3
2	Spatial asynchrony matters more than alpha stability in stabilizing ecosystem productivity in a large temperate forest region. Global Ecology and Biogeography, 2022, 31, 1133-1146.	2.7	23
3	Estimating height-diameter relations for structure groups in the natural forests of Northeastern China. Forest Ecology and Management, 2022, 519, 120298.	1.4	5
4	Assessing scaleâ€dependent effects on Forest biomass productivity based on machine learning. Ecology and Evolution, 2022, 12, .	0.8	5
5	What Is a Forest ?. Managing Forest Ecosystems, 2021, , 1-22.	0.4	0
6	Analyzing Forest Ecosystems. Managing Forest Ecosystems, 2021, , 81-158.	0.4	2
7	Forest Production. Managing Forest Ecosystems, 2021, , 221-280.	0.4	0
8	Forest Assessment and Observation. Managing Forest Ecosystems, 2021, , 23-80.	0.4	0
9	A classification of woody communities based on biological dissimilarity. Applied Vegetation Science, 2021, 24, .	0.9	3
10	Comparing the relative effects of species and size structure on forest productivity in different local environments. Scandinavian Journal of Forest Research, 2021, 36, 188-197.	0.5	1
11	Dynamics and drivers of aboveground biomass accumulation during recovery from selective harvesting in an uneven-aged forest. European Journal of Forest Research, 2021, 140, 1163-1178.	1.1	9
12	Decomposing Spatial Î²â€Diversity in the temperate forests of Northeastern China. Ecology and Evolution, 2021, 11, 11362-11372.	0.8	6
13	Unravelling biodiversityâ€“productivity relationships across a large temperate forest region. Functional Ecology, 2021, 35, 2808-2820.	1.7	19
14	Mycorrhizal type and soil pathogenic fungi mediate tree survival and density dependence in a temperate forest. Forest Ecology and Management, 2021, 496, 119459.	1.4	9
15	The Shape and Growth of Forest Trees. Managing Forest Ecosystems, 2021, , 159-219.	0.4	2
16	Analyzing the Biological and Structural Diversity of Hyrcanian Forests Dominated by Taxus baccata L.. Forests, 2020, 11, 701.	0.9	9
17	ALS-Based Detection of Past Human Activities in the BiaÅ‚owieÅ¼a Forestâ€”New Evidence of Unknown Remains of Past Agricultural Systems. Remote Sensing, 2020, 12, 2657.	1.8	14
18	Scaleâ€dependent effects of neighborhood biodiversity on individual tree productivity in a coniferous and broadâ€leaved mixed forest in China. Ecology and Evolution, 2020, 10, 8225-8234.	0.8	10

#	Article	IF	Citations
19	Functional traits influence biomass and productivity through multiple mechanisms in a temperate secondary forest. European Journal of Forest Research, 2020, 139, 959-968.	1.1	37
20	Patterns of Density and Production in the Community Forests of the Sierra Madre Occidental, Mexico. Forests, 2020, 11, 307.	0.9	6
21	Latitudinal gradients and ecological drivers of Î²â€diversity vary across spatial scales in a temperate forest region. Global Ecology and Biogeography, 2020, 29, 1257-1264.	2.7	22
22	Assessing biotic and abiotic effects on forest productivity in three temperate forests. Ecology and Evolution, 2020, 10, 7887-7900.	0.8	12
23	To Act or not to Act . BiaÅ‚owieÅ¼a. Forest under Conflicting Ecological Paradigms. , 2020, , 163-170.	0.1	1
24	Assessing biological dissimilarities between five forest communities. Forest Ecosystems, 2019, 6, .	1.3	20
25	Biodiversity-ecosystem functioning relationships of overstorey versus understorey trees in an old-growth temperate forest. Annals of Forest Science, 2019, 76, 1.	0.8	7
26	Discriminating among forest communities based on taxonomic, phylogenetic and trait distances. Forest Ecology and Management, 2019, 440, 40-47.	1.4	15
27	Effects of density and structure on production in the communal forests of the Mexican Sierra Madre Occidental. Southern Forests, 2019, 81, 1-10.	0.2	9
28	Inconsistent responses of soil respiration and its components to thinning intensity in a Pinus tabuliformis plantation in northern China. Agricultural and Forest Meteorology, 2019, 265, 370-380.	1.9	31
29	Functional and phylogenetic diversity determine woody productivity in a temperate forest. Ecology and Evolution, 2018, 8, 2395-2406.	0.8	57
30	Site index models for Calabrian pine in the central Mediterranean region of Turkey. Journal of Sustainable Forestry, 2018, 37, 459-474.	0.6	8
31	Biomass-dominant species shape the productivity-diversity relationship in two temperate forests. Annals of Forest Science, 2018, 75, 1.	0.8	19
32	Inconsistent autotrophic respiration but consistent heterotrophic respiration responses to 5-years nitrogen addition under natural and planted Pinus tabulaeformis forests in northern China. Plant and Soil, 2018, 429, 375-389.	1.8	12
33	How beta diversity and the underlying causes vary with sampling scales in the Changbai mountain forests. Ecology and Evolution, 2017, 7, 10116-10123.	0.8	15
34	Soil Elements Influencing Community Structure in an Old-Growth Forest in Northeastern China. Forests, 2016, 7, 159.	0.9	2
35	Combined effects of nitrogen addition and organic matter manipulation on soil respiration in a Chinese pine forest. Environmental Science and Pollution Research, 2016, 23, 22701-22710.	2.7	13
36	Relationships between tree biomass productivity and local species diversity. Ecosphere, 2016, 7, e01562.	1.0	14

#	Article	IF	Citations
37	Diversity and production in an Afromontane Forest. Forest Ecosystems, 2016, 3, .	1.3	28
38	Drivers of seedling survival in a temperate forest and their relative importance at three stages of succession. Ecology and Evolution, 2015, 5, 4287-4299.	0.8	36
39	Effects of Nitrogen Addition on Leaf Decomposition of Single-Species and Litter Mixture in Pinus tabulaeformis Forests. Forests, 2015, 6, 4462-4476.	0.9	10
40	Reproduction and vegetative growth in the dioecious shrub Acer barbinerve in temperate forests of Northeast China. Plant Reproduction, 2015, 28, 111-119.	1.3	1
41	Maximum density patterns in two natural forests: An analysis based on large observational field studies in China. Forest Ecology and Management, 2015, 346, 98-105.	1.4	11
42	The Effects of habitat area, vegetation structure and insect richness on breeding bird populations in Beijing urban parks. Urban Forestry and Urban Greening, 2015, 14, 1027-1039.	2.3	66
43	Competition effects in an afrotemperate forest. Forest Ecosystems, 2014, 1, .	1.3	40
44	Analysing structural diversity in two temperate forests in northeastern China. Forest Ecology and Management, 2014, 316, 139-147.	1.4	27
45	Seed dispersal and seedling recruitment of trees at different successional stages in a temperate forest in northeastern China. Journal of Plant Ecology, 2014, 7, 337-346.	1.2	23
46	Analyzing selective harvest events in three large forest observational studies in North Eastern China. Forest Ecology and Management, 2014, 316, 100-109.	1.4	24
47	Forest observational studies-an essential infrastructure for sustainable use of natural resources. Forest Ecosystems, 2014, 1, .	1.3	22
48	Competition effects in an afrotemperate forest. Forest Ecosystems, 2014, 1, 13.	1.3	5
49	Spatial Characteristics of Tree Diameter Distributions in a Temperate Old-Growth Forest. PLoS ONE, 2013, 8, e58983.	1.1	15
50	Forest Structure and Diversity. Managing Forest Ecosystems, 2012, , 29-83.	0.4	86
51	Species-habitat associations in a northern temperate forest in China. Silva Fennica, 2012, 46, .	0.5	22
52	A spatially explicit heightâ€“diameter model for Scots pine in Estonia. European Journal of Forest Research, 2011, 130, 303-315.	1.1	54
53	Gender-related distributions of Fraxinus mandshurica in secondary and old-growth forests. Acta Oecologica, 2010, 36, 55-62.	0.5	27
54	Partitioning temperate plant community structure at different scales. Acta Oecologica, 2010, 36, 306-313.	0.5	21

#	Article	IF	Citations
55	Estimating Tree Survival: A Study Based on the Estonian Forest Research Plots Network. Annales Botanici Fennici, 2009, 46, 336-352.	0.0	27
56	Forest research and education in Germany. Forest Science and Technology, 2005, 1, 77-83.	0.3	1
57	DBH growth model for Pinus densiflora and Quercus variabilis mixed forests in central Korea. Ecological Modelling, 2004, 176, 187-200.	1.2	48
58	An analysis of spatial forest structure using neighbourhood-based variables. Forest Ecology and Management, 2003, 183, 137-145.	1.4	169
59	Adapting silvicultural management systems to urban forests. Urban Forestry and Urban Greening, 2002, 1, 107-113.	2.3	12
60	A model for the diameter-height distribution in an uneven-aged beech forest and a method to assess the fit of such models. Silva Fennica, 2001, 35, .	0.5	30
61	The Crown Window â€" a simple device for measuring tree crowns. European Journal of Forest Research, 2000, 119, 43-50.	0.3	11
62	BaumhÃ¶henschÃ¤tzung mit Hilfe der bivariaten Johnsonâ€™s SBB-Funktion. European Journal of Forest Research, 1999, 118, 355-367.	0.3	3
63	Modelling Forest Development. Forestry Sciences, 1999, , .	0.4	121
64	Assessing populations of tree seedlings in multi-species natural forests. New Forests, 0, , .	0.7	0