BjÃ¶rn Reineking

List of Publications by Year
in descending order

48	13,341	186265 28	206112 48
papers	citations	h-index	g-index

48	48	48	21860
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Collinearity: a review of methods to deal with it and a simulation study evaluating their performance. Ecography, 2013, 36, 27-46.	4.5	6,250
2	Methods to account for spatial autocorrelation in the analysis of species distributional data: a review. Ecography, 2007, 30, 609-628.	4.5	2,522
3	Alien species in a warmer world: risks and opportunities. Trends in Ecology and Evolution, 2009, 24, 686-693.	8.7	1,031
4	Moving in the Anthropocene: Global reductions in terrestrial mammalian movements. Science, 2018, 359, 466-469.	12.6	783
5	Statistical inference for stochastic simulation models - theory and application. Ecology Letters, 2011, 14, 816-827.	6.4	320
6	The virtual ecologist approach: simulating data and observers. Oikos, 2010, 119, 622-635.	2.7	242
7	Natural enemy interactions constrain pest control in complex agricultural landscapes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5534-5539.	7.1	241
8	Models for Forest Ecosystem Management: A European Perspective. Annals of Botany, 2007, 101, 1065-1087.	2.9	214
9	Road Traffic and Nearby Grassland Bird Patterns in a Suburbanizing Landscape. Environmental Management, 2002, 29, 782-800.	2.7	198
10	Projection of climatic suitability for Aedes albopictus Skuse (Culicidae) in Europe under climate change conditions. Global and Planetary Change, 2011, 78, 54-64.	3.5	116
11	Constrain to perform: Regularization of habitat models. Ecological Modelling, 2006, 193, 675-690.	2.5	115
12	Intraspecific variation buffers projected climate change impacts on Pinus contorta. Ecology and Evolution, 2013, 3, 437-449.	1.9	97
13	Using dynamic vegetation models to simulate plant range shifts. Ecography, 2014, 37, 1184-1197.	4.5	89
14	Modeling the Impact of Climate and Vegetation on Fire Regimes in Mountain Landscapes. Landscape Ecology, 2006, 21, 539-554.	4.2	82
15	Did soil development limit spruce (Picea abies) expansion in the Central Alps during the Holocene? Testing a palaeobotanical hypothesis with a dynamic landscape model. Journal of Biogeography, 2011, 38, 933-949.	3.0	81
16	Current measures for distance decay in similarity of species composition are influenced by study extent and grain size. Global Ecology and Biogeography, 2012, 21, 1203-1212.	5.8	76
17	Modelling Forest Î±-Diversity and Floristic Composition â€" On the Added Value of LiDAR plus Hyperspectral Remote Sensing. Remote Sensing, 2012, 4, 2818-2845.	4.0	75
18	Environmental determinants of lightning- v. human-induced forest fire ignitions differ in a temperate mountain region of Switzerland. International Journal of Wildland Fire, 2010, 19, 541.	2.4	63

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19	Mechanistic modelling of animal dispersal offers new insights into range expansion dynamics across fragmented landscapes. Ecography, 2014, 37, 1240-1253.	4.5	61
20	Habitat selection by a large herbivore at multiple spatial and temporal scales is primarily governed by food resources. Ecography, 2017, 40, 1014-1027.	4.5	60
21	LiDAR Remote Sensing of Forest Structure and GPS Telemetry Data Provide Insights on Winter Habitat Selection of European Roe Deer. Forests, 2014, 5, 1374-1390.	2.1	53
22	Detection of seasonal variability in microclimatic borders and ecotones between forest and savanna. Basic and Applied Ecology, 2008, 9, 275-285.	2.7	46
23	Growthâ€“mortality relationships as indicators of lifeâ€history strategies: a comparison of nine tree species in unmanaged European forests. Oikos, 2008, 117, 815-828.	2.7	45
24	Can they keep up with climate change? â€“ Integrating specific dispersal abilities of protected Odonata in species distribution modelling. Insect Conservation and Diversity, 2013, 6, 93-103.	3.0	43
25	Effects of plant functional traits on soil stability: intraspecific variability matters. Plant and Soil, 2017, 411, 359-375.	3.7	43
26	Predicting tree death for Fagus sylvatica and Abies alba using permanent plot data. Journal of Vegetation Science, 2007, 18, 525-534.	2.2	41
27	Country, Cover or Protection: What Shapes the Distribution of Red Deer and Roe Deer in the Bohemian Forest Ecosystem?. PLoS ONE, 2015, 10, e0120960.	2.5	40
28	Do small-grain processes matter for landscape scale questions? Sensitivity of a forest landscape model to the formulation of tree growth rate. Landscape Ecology, 2012, 27, 697-711.	4.2	31
29	Environmental variability and allocation trade-offs maintain species diversity in a process-based model of succulent plant communities. Ecological Modelling, 2006, 199, 486-504.	2.5	25
30	Biotic Interactions in the Face of Climate Change: A Comparison of Three Modelling Approaches. PLoS ONE, 2012, 7, e51472.	2.5	25
31	How can we bring together empiricists and modellers in functional biodiversity research?. Basic and Applied Ecology, 2013, 14, 93-101.	2.7	24
32	Functional convergence in water use of trees from different geographical regions: a meta-analysis. Trees - Structure and Function, 2013, 27, 787-799.	1.9	22
33	Deriving a per-field land use and land cover map in an agricultural mosaic catchment. Earth System Science Data, 2014, 6, 339-352.	9.9	22
34	Comparing modelling approaches at two levels of biological organisation â€“ Climate change impacts on selected Natura 2000 habitats. Journal of Vegetation Science, 2011, 22, 699-710.	2.2	21
35	Optimisation of tree mortality models based on growth patterns. Ecological Modelling, 2006, 197, 196-206.	2.5	18
36	The relative importance of seed competition, resource competition and perturbations on community structure. Biogeosciences, 2011, 8, 1107-1120.	3.3	18

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37	Long-term effects of increment coring on Norway spruce mortality. Canadian Journal of Forest Research, 2011, 41, 2326-2336.	1.7	17
38	Classification of rare land cover types: Distinguishing annual and perennial crops in an agricultural catchment in South Korea. PLoS ONE, 2018, 13, e0190476.	2.5	16
39	A new method for estimating visitation rates of cryptic animals via repeated surveys of indirect signs. Journal of Applied Ecology, 2008, 45, 728-735.	4.0	15
40	Daily Based Morganâ€“Morganâ€“Finney (DMMF) Model: A Spatially Distributed Conceptual Soil Erosion Model to Simulate Complex Soil Surface Configurations. Water (Switzerland), 2017, 9, 278.	2.7	14
41	Assessing the performance of objectâ€oriented Li<scp>DAR</scp> predictors for forest bird habitat suitability modeling. Remote Sensing in Ecology and Conservation, 2020, 6, 5-19.	4.3	9
42	Dispersal potential mediates effects of local and landscape factors on plant species richness in maeulsoop forests of Korea. Journal of Vegetation Science, 2015, 26, 631-642.	2.2	8
43	Disappearing refuges in time and space: how environmental change threatens species coexistence. Theoretical Ecology, 2009, 2, 217-227.	1.0	7
44	Species-Specific Traits plus Stabilizing Processes Best Explain Coexistence in Biodiverse Fire-Prone Plant Communities. PLoS ONE, 2013, 8, e65084.	2.5	7
45	The Afro-alpine dwarf shrubHelichrysum citrispinumfavours understorey plants through microclimate amelioration. Plant Ecology and Diversity, 2015, 8, 293-303.	2.4	7
46	Waldbrandmodellierung - MÃ¶glichkeiten und Grenzen | Forest fire modeling - limits and possibilities. Schweizerische Zeitschrift Fur Forstwesen, 2010, 161, 433-441.	0.1	4
47	Evaluating the Effectiveness of Spatially Reconfiguring Erosion Hot Spots to Reduce Stream Sediment Load in an Upland Agricultural Catchment of South Korea. Water (Switzerland), 2019, 11, 957.	2.7	3
48	Importance and effectiveness of correction methods for spatial sampling bias in species with sexâ€specific habitat preference. Ecology and Evolution, 2019, 9, 13188-13201.	1.9	1