Thomas Hickler

List of Publications by Year
in descending order

169 papers	19,546 citations	17405 63 h-index	12910 131 g-index
177 all docs	177 docs citations	177 times ranked	25025 citing authors

#	Article	IF	Citations
1	Land use intensification increasingly drives the spatiotemporal patterns of the global human appropriation of net primary production in the last century. Global Change Biology, 2022, 28, 307-322.	4.2	33
2	Biodiversity postâ€2020: Closing the gap between global targets and nationalâ€level implementation. Conservation Letters, 2022, 15, e12848.	2.8	32
3	Large uncertainties in future biome changes in Africa call for flexible climate adaptation strategies. Global Change Biology, 2021, 27, 340-358.	4.2	36
4	The transformation of the forest steppe in the lower Danube Plain of southeastern Europe: 6000Âyears of vegetation and land use dynamics. Biogeosciences, 2021, 18, 1081-1103.	1.3	19
5	Climate Change Impacts on the Future of Forests in Great Britain. Frontiers in Environmental Science, 2021, 9, .	1.5	10
6	Projected climatic changes lead to biome changes in areas of previously constant biome. Journal of Biogeography, 2021, 48, 2418-2428.	1.4	8
7	Nutrient cycling drives plant community trait assembly and ecosystem functioning in a tropical mountain biodiversity hotspot. New Phytologist, 2021, 232, 551-566.	3.5	20
8	Saturation of Global Terrestrial Carbon Sink Under a High Warming Scenario. Global Biogeochemical Cycles, 2021, 35, e2020GB006800.	1.9	11
9	Intergenerational inequities in exposure to climate extremes. Science, 2021, 374, 158-160.	6.0	148
10	A research framework for projecting ecosystem change in highly diverse tropical mountain ecosystems. Oecologia, 2021, 195, 589-600.	0.9	12
11	Forest responses to lastâ€millennium hydroclimate variability are governed by spatial variations in ecosystem sensitivity. Ecology Letters, 2021, 24, 498-508.	3.0	7
12	Combining European Earth Observation products with Dynamic Global Vegetation Models for estimating Essential Biodiversity Variables. International Journal of Digital Earth, 2020, 13, 262-277.	1.6	13
13	A comparison of macroecological and stacked species distribution models to predict future global terrestrial vertebrate richness. Journal of Biogeography, 2020, 47, 114-129.	1.4	32
14	TRY plant trait database â€" enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
15	Reducing Uncertainties of Future Global Soil Carbon Responses to Climate and Land Use Change With Emergent Constraints. Global Biogeochemical Cycles, 2020, 34, e2020GB006589.	1.9	4
16	Global vegetation patterns of the past 140,000 years. Journal of Biogeography, 2020, 47, 2073-2090.	1.4	44
17	Projecting Exposure to Extreme Climate Impact Events Across Six Event Categories and Three Spatial Scales. Earth's Future, 2020, 8, e2020EF001616.	2.4	69
18	Ensembles of ecosystem service models can improve accuracy and indicate uncertainty. Science of the Total Environment, 2020, 747, 141006.	3.9	23

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19	Levers and leverage points for pathways to sustainability. People and Nature, 2020, 2, 693-717.	1.7	141
20	Including vegetation dynamics in an atmospheric chemistry-enabled general circulation model: linking LPJ-GUESS (v4.0) with the EMAC modelling system (v2.53). Geoscientific Model Development, 2020, 13, 1285-1309.	1.3	12
21	Global ecosystems and fire: Multiâ€model assessment of fireâ€induced treeâ€cover and carbon storage reduction. Global Change Biology, 2020, 26, 5027-5041.	4.2	55
22	Climate Extreme Versus Carbon Extreme: Responses of Terrestrial Carbon Fluxes to Temperature and Precipitation. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2019JG005252.	1.3	29
23	A Dynamic Model for Strategies and Dynamics of Plant Water-Potential Regulation Under Drought Conditions. Frontiers in Plant Science, 2020, 11, 373.	1.7	17
24	Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe. Biogeosciences, 2020, 17, 1213-1230.	1.3	52
25	Pronounced and unavoidable impacts of low-end global warming on northern high-latitude land ecosystems. Environmental Research Letters, 2020, 15, 044006.	2.2	25
26	Vegetation biomass change in China in the 20th century: an assessment based on a combination of multi-model simulations and field observations. Environmental Research Letters, 2020, 15, 094026.	2.2	6
27	Detection and annotation of plant organs from digitised herbarium scans using deep learning. Biodiversity Data Journal, 2020, 8, e57090.	0.4	20
28	Understanding the uncertainty in global forest carbon turnover. Biogeosciences, 2020, 17, 3961-3989.	1.3	45
29	Quantitative assessment of fire and vegetation properties in simulations with fire-enabled vegetation models from the Fire Model Intercomparison Project. Geoscientific Model Development, 2020, 13, 3299-3318.	1.3	63
30	Comparing future shifts in tree species distributions across Europe projected by statistical and dynamic process-based models. Regional Environmental Change, 2019, 19, 251-266.	1.4	26
31	The concerns of the young protesters are justified: A statement by<i>Scientists for Future</i>concerning the protests for more climate protection. Gaia, 2019, 28, 79-87.	0.3	56
32	Adaptive responses of animals to climate change are most likely insufficient. Nature Communications, 2019, 10, 3109.	5.8	285
33	A Continental-Scale Validation of Ecosystem Service Models. Ecosystems, 2019, 22, 1902-1917.	1.6	28
34	Historical (1700â€“2012) global multi-model estimates of the fire emissions from the Fire Modeling Intercomparison Project (FireMIP). Atmospheric Chemistry and Physics, 2019, 19, 12545-12567.	1.9	64
35	Linking scales and disciplines: an interdisciplinary cross-scale approach to supporting climate-relevant ecosystem management. Climatic Change, 2019, 156, 139-150.	1.7	13
36	Tree mortality submodels drive simulated longâ€term forest dynamics: assessing 15 models from the stand to global scale. Ecosphere, 2019, 10, e02616.	1.0	93

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37	Decadal biomass increment in early secondary succession woody ecosystems is increased by CO2 enrichment. Nature Communications, 2019, 10, 454.	5.8	68
38	Regional adaptation of European beech (Fagus sylvatica) to drought in Central European conditions considering environmental suitability and economic implications. Regional Environmental Change, 2019, 19, 1159-1174.	1.4	15
39	Response of simulated burned area to historical changes in environmental and anthropogenic factors: a comparison of seven fire models. Biogeosciences, 2019, 16, 3883-3910.	1.3	32
40	An R package facilitating sensitivity analysis, calibration and forward simulations with the LPJ-GUESS dynamic vegetation model. Environmental Modelling and Software, 2019, 111, 55-60.	1.9	7
41	Taxon and trait recognition from digitized herbarium specimens using deep convolutional neural networks. Botany Letters, 2018, 165, 377-383.	0.7	42
42	Bioenergy cropland expansion may offset positive effects of climate change mitigation for global vertebrate diversity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13294-13299.	3.3	82
43	Simulated Impacts of Soy and Infrastructure Expansion in the Brazilian Amazon: A Maximum Entropy Approach. Forests, 2018, 9, 600.	0.9	12
44	Biodiversity-rich European grasslands: Ancient, forgotten ecosystems. Biological Conservation, 2018, 228, 224-232.	1.9	105
45	Effect of changing vegetation and precipitation on denudation â€“ PartÂ2: Predicted landscape response to transient climate and vegetation cover over millennial to million-year timescales. Earth Surface Dynamics, 2018, 6, 859-881.	1.0	32
46	Effect of changing vegetation and precipitation on denudation â€“ Part 1: Predicted vegetation composition and cover over the last 21 thousand years along the Coastal Cordillera of Chile. Earth Surface Dynamics, 2018, 6, 829-858.	1.0	25
47	Evapotranspiration simulations in ISIMIP2aâ€"Evaluation of spatio-temporal characteristics with a comprehensive ensemble of independent datasets. Environmental Research Letters, 2018, 13, 075001.	2.2	38
48	Evaluating changes of biomass in global vegetation models: the role of turnover fluctuations and ENSO events. Environmental Research Letters, 2018, 13, 075002.	2.2	3
49	A reference genome of the European beech (Fagus sylvatica L.). GigaScience, 2018, 7, .	3.3	58
50	Great uncertainties in modeling grazing impact on carbon sequestration: a multi-model inter-comparison in temperate Eurasian Steppe. Environmental Research Letters, 2018, 13, 075005.	2.2	14
51	Emergent climate and <scp>CO</scp>₂ sensitivities of net primary productivity in ecosystem models do not agree with empirical data in temperate forests of eastern North America. Global Change Biology, 2017, 23, 2755-2767.	4.2	43
52	Hydrological conditions and carbon accumulation rates reconstructed from a mountain raised bog in the Carpathians: A multi-proxy approach. Catena, 2017, 152, 57-68.	2.2	27
53	Challenging terrestrial biosphere models with data from the longâ€term multifactor Prairie Heating and <scp>CO</scp>₂ Enrichment experiment. Global Change Biology, 2017, 23, 3623-3645.	4.2	42
54	Cross-realm assessment of climate change impacts on speciesâ€™ abundance trends. Nature Ecology and Evolution, 2017, 1, 67.	3.4	83

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55	Expansion of deciduous tall shrubs but not evergreen dwarf shrubs inhibited by reindeer in Scandes mountain range. Journal of Ecology, 2017, 105, 1547-1561.	1.9	49
56	Merging paleobiology with conservation biology to guide the future of terrestrial ecosystems. Science, 2017, 355, .	6.0	260
57	Broadleaf deciduous forest counterbalanced the direct effect of climate on Holocene fire regime in hemiboreal/boreal region (NE Europe). Quaternary Science Reviews, 2017, 169, 378-390.	1.4	61
58	Continental climate gradients in North America and Western Eurasia before and after the closure of the Central American Seaway. Earth and Planetary Science Letters, 2017, 472, 120-130.	1.8	16
59	Fire has been an important driver of forest dynamics in the Carpathian Mountains during the Holocene. Forest Ecology and Management, 2017, 389, 15-26.	1.4	64
60	Regional contribution to variability and trends of global gross primary productivity. Environmental Research Letters, 2017, 12, 105005.	2.2	65
61	Photosynthetic productivity and its efficiencies in ISIMIP2a biome models: benchmarking for impact assessment studies. Environmental Research Letters, 2017, 12, 085001.	2.2	41
62	Benchmarking carbon fluxes of the ISIMIP2a biome models. Environmental Research Letters, 2017, 12, 045002.	2.2	30
63	Cross-taxa generalities in the relationship between population abundance and ambient temperatures. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170870.	1.2	17
64	Predicting habitat affinities of plant species using commonly measured functional traits. Journal of Vegetation Science, 2017, 28, 1082-1095.	1.1	38
65	Mapping local and global variability in plant trait distributions. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10937-E10946.	3.3	159
66	Long-term land-cover/use change in a traditional farming landscape in Romania inferred from pollen data, historical maps and satellite images. Regional Environmental Change, 2017, 17, 2193-2207.	1.4	35
67	Assessing the impacts of 1.5â€¯Â°C global warming â€" simulation protocol of the Inter-Sectoral Impact Model Intercomparison Project (ISIMIP2b). Geoscientific Model Development, 2017, 10, 4321-4345.	1.3	410
68	The Fire Modeling Intercomparison Project (FireMIP), phase 1: experimental and analytical protocols with detailed model descriptions. Geoscientific Model Development, 2017, 10, 1175-1197.	1.3	159
69	Comparing correlative and process-based modelling approaches in a boreal forest identifies important areas for model development. Silva Fennica, 2017, 51, .	0.5	2
70	Macroecology meets IPBES. Frontiers of Biogeography, 2016, 7, .	0.8	0
71	The status and challenge of global fire modelling. Biogeosciences, 2016, 13, 3359-3375.	1.3	274
72	Modelling the potential distribution, net primary production and phenology of common ragweed with a physiological model. Journal of Biogeography, 2016, 43, 544-554.	1.4	11

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73	Ecological networks are more sensitive to plant than to animal extinction under climate change. Nature Communications, 2016, 7, 13965.	5.8	180
74	7000-year human legacy of elevation-dependent European fire regimes. Quaternary Science Reviews, 2016, 132, 206-212.	1.4	70
75	Tree and timberline shifts in the northern Romanian Carpathians during the Holocene and the responses to environmental changes. Quaternary Science Reviews, 2016, 134, 100-113.	1.4	43
76	Environmental Impactsâ€"Terrestrial Ecosystems. Regional Climate Studies, 2016, , 341-372.	1.2	2
77	Predicting longâ€term carbon sequestration in response to CO₂ enrichment: How and why do current ecosystem models differ?. Global Biogeochemical Cycles, 2015, 29, 476-495.	1.9	99
78	Potential impact of large ungulate grazers on <scp>A</scp>frican vegetation, carbon storage and fire regimes. Global Ecology and Biogeography, 2015, 24, 991-1002.	2.7	37
79	Climate-vegetation modelling and fossil plant data suggest low atmospheric CO₂ in the late Miocene. Climate of the Past, 2015, 11, 1701-1732.	1.3	26
80	Modelling short-term variability in carbon and water exchange in a temperate Scots pine forest. Earth System Dynamics, 2015, 6, 485-503.	2.7	8
81	Using ecosystem experiments to improve vegetation models. Nature Climate Change, 2015, 5, 528-534.	8.1	249
82	Origin of the forest steppe and exceptional grassland diversity in Transylvania (centralâ€eastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.4	90
83	Longâ€term population dynamics of a migrant bird suggests interaction of climate change and competition with resident species. Oikos, 2015, 124, 1151-1159.	1.2	41
84	Is droughtâ€induced forest dieback globally increasing?. Journal of Ecology, 2015, 103, 31-43.	1.9	89
85	The sensitivity of wet and dry tropical forests to climate change in Bolivia. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 399-413.	1.3	22
86	A cross-taxon analysis of the impact of climate change on abundance trends in central Europe. Biological Conservation, 2015, 187, 41-50.	1.9	44
87	Last Millennium hydro-climate variability in Centralâ€"Eastern Europe (Northern Carpathians, Romania). Holocene, 2015, 25, 1179-1192.	0.9	65
88	Modelling CO2 Impacts on Forest Productivity. Current Forestry Reports, 2015, 1, 69-80.	3.4	54
89	Intercontinental divergence in the climate envelope of major plant biomes. Global Ecology and Biogeography, 2015, 24, 324-334.	2.7	32
90	Nitrogen feedbacks increase future terrestrial ecosystem carbon uptake in an individual-based dynamic vegetation model. Biogeosciences, 2014, 11, 6131-6146.	1.3	54

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91	The impact of climateâ€vegetation interactions on the onset of the Antarctic ice sheet. Geophysical Research Letters, 2014, 41, 1269-1276.	1.5	10
92	Implications of incorporating N cycling and N limitations on primary production in an individual-based dynamic vegetation model. Biogeosciences, 2014, 11, 2027-2054.	1.3	476
93	On the potential vegetation feedbacks that enhance phosphorus availability â€" insights from a process-based model linking geological and ecological timescales. Biogeosciences, 2014, 11, 3661-3683.	1.3	29
94	Where does the carbon go? A modelâ€"data intercomparison of vegetation carbon allocation and turnover processes at two temperate forest freeâ€air CO₂ enrichment sites. New Phytologist, 2014, 203, 883-899.	3.5	263
95	Evaluation of 11 terrestrial carbonâ€"nitrogen cycle models against observations from two temperate <scp>F</scp>reeâ€<scp>A</scp>ir <scp>CO</scp>₂<scp> E</scp>nrichment studies. New Phytologist, 2014, 202, 803-822.	3.5	378
96	Using dynamic vegetation models to simulate plant range shifts. Ecography, 2014, 37, 1184-1197.	2.1	89
97	Modeling forest dynamics along climate gradients in Bolivia. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 758-775.	1.3	24
98	Which is a better predictor of plant traits: temperature or precipitation?. Journal of Vegetation Science, 2014, 25, 1167-1180.	1.1	323
99	The influence of interspecific interactions on species range expansion rates. Ecography, 2014, 37, 1198-1209.	2.1	196
100	Comprehensive ecosystem modelâ€data synthesis using multiple data sets at two temperate forest freeâ€air CO₂ enrichment experiments: Model performance at ambient CO₂ concentration. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 937-964.	1.3	95
101	12,000-Years of fire regime drivers in the lowlands of Transylvania (Central-Eastern Europe): a data-model approach. Quaternary Science Reviews, 2013, 81, 48-61.	1.4	104
102	Risk assessment for Iberian birds under global change. Biological Conservation, 2013, 168, 192-200.	1.9	32
103	How can we bring together empiricists and modellers in functional biodiversity research?. Basic and Applied Ecology, 2013, 14, 93-101.	1.2	24
104	Coupling a physiological grazer population model with a generalized model for vegetation dynamics. Ecological Modelling, 2013, 263, 92-102.	1.2	35
105	Forest water use and water use efficiency at elevated <scp><scp>CO₂</scp></scp>: a modelâ€data intercomparison at two contrasting temperate forest <scp>FACE</scp> sites. Global Change Biology, 2013, 19, 1759-1779.	4.2	314
106	Millennial Climatic Fluctuations Are Key to the Structure of Last Glacial Ecosystems. PLoS ONE, 2013, 8, e61963.	1.1	43
107	Tree Migration-Rates: Narrowing the Gap between Inferred Post-Glacial Rates and Projected Rates. PLoS ONE, 2013, 8, e71797.	1.1	110
108	Biotic modifiers, environmental modulation and species distribution models. Journal of Biogeography, 2012, 39, 2179-2190.	1.4	48

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109	Connecting dynamic vegetation models to data â€“ an inverse perspective. Journal of Biogeography, 2012, 39, 2240-2252.	1.4	144
110	A physiological analogy of the niche for projecting the potential distribution of plants. Journal of Biogeography, 2012, 39, 2132-2145.	1.4	68
111	Trends in biomass burning in the Carpathian region over the last 15,000 years. Quaternary Science Reviews, 2012, 45, 111-125.	1.4	69
112	Refugee species: which historic baseline should inform conservation planning?. Diversity and Distributions, 2012, 18, 1258-1261.	1.9	24
113	Specialization of Mutualistic Interaction Networks Decreases toward Tropical Latitudes. Current Biology, 2012, 22, 1925-1931.	1.8	290
114	Why Would Plant Species Become Extinct Locally If Growing Conditions Improve?. International Journal of Biological Sciences, 2012, 8, 1121-1129.	2.6	4
115	Reconstructing range dynamics and range fragmentation of European bison for the last 8000â€ƒyears. Diversity and Distributions, 2012, 18, 47-59.	1.9	51
116	Potential implications of future climate and landâ€cover changes for the fate and distribution of persistent organic pollutants in Europe. Global Ecology and Biogeography, 2012, 21, 64-74.	2.7	18
117	Increasing range mismatching of interacting species under global change is related to their ecological characteristics. Global Ecology and Biogeography, 2012, 21, 88-99.	2.7	152
118	Projecting the future distribution of European potential natural vegetation zones with a generalized, tree speciesâ€based dynamic vegetation model. Global Ecology and Biogeography, 2012, 21, 50-63.	2.7	372
119	Towards novel approaches to modelling biotic interactions in multispecies assemblages at large spatial extents. Journal of Biogeography, 2012, 39, 2163-2178.	1.4	340
120	Restoring Broadleaved Forests in Southern Sweden as Climate Changes. World Forests, 2012, , 373-391.	0.1	10
121	Species Richness-Environment Relationships of European Arthropods at Two Spatial Grains: Habitats and Countries. PLoS ONE, 2012, 7, e45875.	1.1	13
122	Agro-climatic resources and challenges to food production in Cameroon. Geocarto International, 2011, 26, 251-273.	1.7	12
123	The Contribution of Vegetation and Landscape Configuration for Predicting Environmental Change Impacts on Iberian Birds. PLoS ONE, 2011, 6, e29373.	1.1	46
124	Effect of climate-driven changes in species composition on regional emission capacities of biogenic compounds. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	16
125	TRY â€“ a global database of plant traits. Global Change Biology, 2011, 17, 2905-2935.	4.2	2,002
126	Structuring sustainability science. Sustainability Science, 2011, 6, 69-82.	2.5	421

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127	Impacts of changing frost regimes on Swedish forests: Incorporating cold hardiness in a regional ecosystem model. Ecological Modelling, 2010, 221, 303-313.	1.2	24
128	Multiple stressors on biotic interactions: how climate change and alien species interact to affect pollination. Biological Reviews, 2010, 85, 777-795.	4.7	259
129	Holocene land-cover reconstructions for studies on land cover-climate feedbacks. Climate of the Past, 2010, 6, 483-499.	1.3	214
130	Modelling exploration of the future of European beech (Fagus sylvatica L.) under climate changeâ€"Range, abundance, genetic diversity and adaptive response. Forest Ecology and Management, 2010, 259, 2213-2222.	1.4	206
131	Masting behaviour and dendrochronology of European beech (Fagus sylvatica L.) in southern Sweden. Forest Ecology and Management, 2010, 259, 2160-2171.	1.4	112
132	Challenges in elevated CO2 experiments on forests. Trends in Plant Science, 2010, 15, 5-10.	4.3	46
133	Last glacial vegetation of northern Eurasia. Quaternary Science Reviews, 2010, 29, 2604-2618.	1.4	103
134	Disentangling the effects of climate and people on Sahel vegetation dynamics. Biogeosciences, 2009, 6, 469-477.	1.3	97
135	European emissions of isoprene and monoterpenes from the Last Glacial Maximum to present. Biogeosciences, 2009, 6, 2779-2797.	1.3	37
136	Determinants of local ant (Hymenoptera: Formicidae) species richness and activity density across Europe. Ecological Entomology, 2009, 34, 748-754.	1.1	12
137	Water limitation prevails over energy in European diversity gradients of sheetweb spiders (Araneae:) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	8
138	An ecosystem modelâ€based estimate of changes in water availability differs from water proxies that are commonly used in species distribution models. Global Ecology and Biogeography, 2009, 18, 304-313.	2.7	52
139	Alien species in a warmer world: risks and opportunities. Trends in Ecology and Evolution, 2009, 24, 686-693.	4.2	1,031
140	Effects of human land-use on the global carbon cycle during the last 6,000Âyears. Vegetation History and Archaeobotany, 2008, 17, 605-615.	1.0	136
141	Links between Terrestrial Primary Production and Bacterial Production and Respiration in Lakes in a Climate Gradient in Subarctic Sweden. Ecosystems, 2008, 11, 367-376.	1.6	87
142	Effects of species composition, land surface cover, CO₂ concentration and climate on isoprene emissions from European forests. Plant Biology, 2008, 10, 150-162.	1.8	87
143	Exporting the ecological effects of climate change. EMBO Reports, 2008, 9, S28-33.	2.0	6
144	CO₂ fertilization in temperate FACE experiments not representative of boreal and tropical forests. Global Change Biology, 2008, 14, 1531-1542.	4.2	276

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145	Exploring climatic and biotic controls on Holocene vegetation change in Fennoscandia. Journal of Ecology, 2008, 96, 247-259.	1.9	122
146	Next generation of elevated [CO₂] experiments with crops: a critical investment for feeding the future world. Plant, Cell and Environment, 2008, 31, 1317-1324.	2.8	154
147	Incorporating the effects of changes in vegetation functioning and CO ₂ on water availability in plant habitat models. Biology Letters, 2008, 4, 556-559.	1.0	41
148	Predicting global change impacts on plant speciesâ€™ distributions: Future challenges. Perspectives in Plant Ecology, Evolution and Systematics, 2008, 9, 137-152.	1.1	966
149	MACIS: Minimisation of and Adaptation to Climate Change Impacts on Biodiversity. Gaia, 2008, 17, 393-395.	0.3	10
150	Process-based estimates of terrestrial ecosystem isoprene emissions: incorporating the effects of a direct CO₂-isoprene interaction. Atmospheric Chemistry and Physics, 2007, 7, 31-53.	1.9	276
151	A global inventory of N₂O emissions from tropical rainforest soils using a detailed biogeochemical model. Global Biogeochemical Cycles, 2007, 21, .	1.9	136
152	CO₂ inhibition of global terrestrial isoprene emissions: Potential implications for atmospheric chemistry. Geophysical Research Letters, 2007, 34, .	1.5	111
153	Palms tracking climate change. Global Ecology and Biogeography, 2007, 16, 801-809.	2.7	126
154	Changes in European ecosystem productivity and carbon balance driven by regional climate model output. Global Change Biology, 2007, 13, 108-122.	4.2	135
155	Uncertainties in projected impacts of climate change on European agriculture and terrestrial ecosystems based on scenarios from regional climate models. Climatic Change, 2007, 81, 123-143.	1.7	304
156	Dynamic Global Vegetation Modeling: Quantifying Terrestrial Ecosystem Responses to Large-Scale Environmental Change. , 2007, , 175-192.		222
157	THE IMPORTANCE OF AGE-RELATED DECLINE IN FOREST NPP FOR MODELING REGIONAL CARBON BALANCES. , 2006, 16, 1555-1574.		116
158	Implementing plant hydraulic architecture within the LPJ Dynamic Global Vegetation Model. Global Ecology and Biogeography, 2006, 15, 567-577.	2.7	140
159	ORIGINAL ARTICLE: Towards an understanding of the Holocene distribution of Fagus sylvatica L.. Journal of Biogeography, 2006, 34, 118-131.	1.4	136
160	Implementing plant hydraulic architecture within the LPJ Dynamic Global Vegetation Model. Global Ecology and Biogeography, 2006, .	2.7	7
161	Hydrologic resilience of the terrestrial biosphere. Geophysical Research Letters, 2005, 32, .	1.5	38
162	Precipitation controls Sahel greening trend. Geophysical Research Letters, 2005, 32, .	1.5	195

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163	USING A GENERALIZED VEGETATION MODEL TO SIMULATE VEGETATION DYNAMICS IN NORTHEASTERN USA. Ecology, 2004, 85, 519-530.	1.5	177
164	VEMAP Phase 2 bioclimatic database. I. Gridded historical (20th century) climate for modeling ecosystem dynamics across the conterminous USA. Climate Research, 2004, 27, 151-170.	0.4	42
165	Simulating past and future dynamics of natural ecosystems in the United States. Global Biogeochemical Cycles, 2003, 17, n/a-n/a.	1.9	127
166	Title is missing!. Climatic Change, 2001, 51, 307-347.	1.7	67
167	Climatic Risk Atlas of European Butterflies. BioRisk, 0, 1, 1-712.	0.2	196
168	Comparing Process-Based Net Primary Productivity Models in a Mediterranean Watershed. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W2, 67-74.	0.2	4
169	A Workflow for Data Extraction from Digitized Herbarium Specimens. Biodiversity Information Science and Standards, 0, 3, .	0.0	0