

Dietmar Moser

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

7,741
citations

117625

34
h-index

66911

78
g-index

80
all docs

80
docs citations

80
times ranked

9713
citing authors

#	ARTICLE	IF	CITATIONS
1	Influences of landscape structure on butterfly diversity in urban private gardens using a citizen science approach. <i>Urban Ecosystems</i> , 2022, 25, 477-486.	2.4	3
2	Climate warming may increase the frequency of cold-adapted haplotypes in alpine plants. <i>Nature Climate Change</i> , 2022, 12, 77-82.	18.8	12
3	Establishing new grasslands on crop fields: short-term development of plant and arthropod communities. <i>Restoration Ecology</i> , 2022, 30, .	2.9	8
4	Postglacial range expansion of high-elevation plants is restricted by dispersal ability and habitat specialization. <i>Journal of Biogeography</i> , 2022, 49, 1739-1752.	3.0	4
5	Conservation status and ecology of the highly threatened endemic <i>Gentianella bohemica</i> . <i>Preslia</i> , 2022, 94, 255-273.	2.8	0
6	Biodiversity models need to represent land-use intensity more comprehensively. <i>Global Ecology and Biogeography</i> , 2021, 30, 924-932.	5.8	25
7	Functional traits driving pollinator and predator responses to newly established grassland strips in agricultural landscapes. <i>Journal of Applied Ecology</i> , 2021, 58, 1728-1737.	4.0	13
8	Ant community composition and functional traits in new grassland strips within agricultural landscapes. <i>Ecology and Evolution</i> , 2021, 11, 8319-8331.	1.9	5
9	Deadwood volumes matter in epixylic bryophyte conservation, but precipitation limits the establishment of substrate-specific communities. <i>Forest Ecology and Management</i> , 2021, 493, 119285.	3.2	9
10	Re-established grasslands on farmland promote pollinators more than predators. <i>Agriculture, Ecosystems and Environment</i> , 2021, 319, 107543.	5.3	14
11	Climate Variables Outstrip Deadwood Amount: Desiccation as the Main Trigger for <i>Buxbaumia viridis</i> Occurrence. <i>Plants</i> , 2021, 10, 61.	3.5	4
12	Long-term continuity of steppe grasslands in eastern Central Europe: Evidence from species distribution patterns and chloroplast haplotypes. <i>Journal of Biogeography</i> , 2021, 48, 3104-3117.	3.0	7
13	What Will the Future Bring for Biological Invasions on Islands? An Expert-Based Assessment. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	33
14	Occurrence of apomictic conspecifics and ecological preferences rather than colonization history govern the geographic distribution of sexual <i>Potentilla puberula</i> . <i>Ecology and Evolution</i> , 2020, 10, 7306-7319.	1.9	4
15	Habitat availability disproportionally amplifies climate change risks for lowland compared to alpine species. <i>Global Ecology and Conservation</i> , 2020, 23, e01113.	2.1	14
16	Economic use of plants is key to their naturalization success. <i>Nature Communications</i> , 2020, 11, 3201.	12.8	79
17	A socio-ecological model for predicting impacts of land-use and climate change on regional plant diversity in the Austrian Alps. <i>Global Change Biology</i> , 2020, 26, 2336-2352.	9.5	26
18	Drivers of the relative richness of naturalized and invasive plant species on Earth. <i>AoB PLANTS</i> , 2019, 11, plz051.	2.3	72

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19	Extinction debts and colonization credits of non-forest plants in the European Alps. <i>Nature Communications</i> , 2019, 10, 4293.	12.8	63
20	Evaluating climatic threats to habitat types based on co-occurrence patterns of characteristic species. <i>Basic and Applied Ecology</i> , 2019, 38, 23-35.	2.7	4
21	Effects of climate change and horticultural use on the spread of naturalized alien garden plants in Europe. <i>Ecography</i> , 2019, 42, 1548-1557.	4.5	2
22	An integrated, spatio-temporal modelling framework for analysing biological invasions. <i>Diversity and Distributions</i> , 2018, 24, 652-665.	4.1	5
23	Global rise in emerging alien species results from increased accessibility of new source pools. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2264-E2273.	7.1	416
24	Range dynamics of mountain plants decrease with elevation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1848-1853.	7.1	284
25	Reconstructing geographical parthenogenesis: effects of niche differentiation and reproductive mode on Holocene range expansion of an alpine plant. <i>Ecology Letters</i> , 2018, 21, 392-401.	6.4	32
26	Functional trait differences and trait plasticity mediate biotic resistance to potential plant invaders. <i>Journal of Ecology</i> , 2018, 106, 1607-1620.	4.0	50
27	Simulating plant invasion dynamics in mountain ecosystems under global change scenarios. <i>Global Change Biology</i> , 2018, 24, e289-e302.	9.5	54
28	A new method for jointly assessing effects of climate change and nitrogen deposition on habitats. <i>Biological Conservation</i> , 2018, 228, 52-61.	4.1	11
29	Remoteness promotes biological invasions on islands worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9270-9275.	7.1	114
30	The role of adaptive strategies in plant naturalization. <i>Ecology Letters</i> , 2018, 21, 1380-1389.	6.4	69
31	Relating species richness to the structure of continuous landscapes: alternative methodological approaches. <i>Ecosphere</i> , 2018, 9, e02189.	2.2	7
32	European ornamental garden flora as an invasion debt under climate change. <i>Journal of Applied Ecology</i> , 2018, 55, 2386-2395.	4.0	45
33	No saturation in the accumulation of alien species worldwide. <i>Nature Communications</i> , 2017, 8, 14435.	12.8	1,543
34	Plant species richness decreased in semi-natural grasslands in the Biosphere Reserve Wienerwald, Austria, over the past two decades, despite agri-environmental measures. <i>Agriculture, Ecosystems and Environment</i> , 2017, 243, 10-18.	5.3	35
35	Will climate change increase hybridization risk between potential plant invaders and their congeners in Europe?. <i>Diversity and Distributions</i> , 2017, 23, 934-943.	4.1	19
36	Global hotspots and correlates of alien species richness across taxonomic groups. <i>Nature Ecology and Evolution</i> , 2017, 1, .	7.8	315

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37	Habitat-based conservation strategies cannot compensate for climate-change-induced range loss. <i>Nature Climate Change</i> , 2017, 7, 823-827.	18.8	55
38	Diversity, biogeography and the global flows of alien amphibians and reptiles. <i>Diversity and Distributions</i> , 2017, 23, 1313-1322.	4.1	87
39	Climate change will increase the naturalization risk from garden plants in Europe. <i>Global Ecology and Biogeography</i> , 2017, 26, 43-53.	5.8	87
40	Accounting for imperfect observation and estimating true species distributions in modelling biological invasions. <i>Ecography</i> , 2017, 40, 1187-1197.	4.5	11
41	Naturalized alien flora of the world. <i>Preslia</i> , 2017, 89, 203-274.	2.8	350
42	Uncertainty in predicting range dynamics of endemic alpine plants under climate warming. <i>Global Change Biology</i> , 2016, 22, 2608-2619.	9.5	40
43	A matter of scale: apparent niche differentiation of diploid and tetraploid plants may depend on extent and grain of analysis. <i>Journal of Biogeography</i> , 2016, 43, 716-726.	3.0	73
44	Changes in the spatial patterns of human appropriation of net primary production (HANPP) in Europe 1990–2006. <i>Regional Environmental Change</i> , 2016, 16, 1225-1238.	2.9	55
45	Weak agreement between the species conservation status assessments of the European Habitats Directive and Red Lists. <i>Biological Conservation</i> , 2016, 198, 1-8.	4.1	15
46	Biogeography and ecology of endemic invertebrate species in Austria: A cross-taxon analysis. <i>Basic and Applied Ecology</i> , 2016, 17, 95-105.	2.7	9
47	Diversity, distribution, ecology and description rates of alpine endemic plant species from Iranian mountains. <i>Alpine Botany</i> , 2016, 126, 1-9.	2.4	38
48	Benefits and costs of controlling three allergenic alien species under climate change and dispersal scenarios in Central Europe. <i>Environmental Science and Policy</i> , 2016, 56, 9-21.	4.9	8
49	Identifying alien bryophytes taking into account uncertainties: a reply to Patiño & Vanderpoorten (2015). <i>Journal of Biogeography</i> , 2015, 42, 1362-1363.	3.0	3
50	Modelling the effect of habitat fragmentation on climate-driven migration of European forest understorey plants. <i>Diversity and Distributions</i> , 2015, 21, 1375-1387.	4.1	32
51	Changes in plant life form, pollination syndrome and breeding system at a regional scale promoted by land use intensity. <i>Diversity and Distributions</i> , 2015, 21, 1319-1328.	4.1	10
52	Global trade will accelerate plant invasions in emerging economies under climate change. <i>Global Change Biology</i> , 2015, 21, 4128-4140.	9.5	301
53	A High-Resolution Map of Emerald Ash Borer Invasion Risk for Southern Central Europe. <i>Forests</i> , 2015, 6, 3075-3086.	2.1	22
54	The dispersal of alien species redefines biogeography in the Anthropocene. <i>Science</i> , 2015, 348, 1248-1251.	12.6	331

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55	Biological Flora of the British Isles: <i>Ambrosia artemisiifolia</i> . Journal of Ecology, 2015, 103, 1069-1098.	4.0	164
56	Macroecology of global bryophyte invasions at different invasion stages. Ecography, 2015, 38, 488-498.	4.5	11
57	Global exchange and accumulation of non-native plants. Nature, 2015, 525, 100-103.	27.8	746
58	Little, but increasing evidence of impacts by alien bryophytes. Biological Invasions, 2014, 16, 1175-1184.	2.4	23
59	How well do we know species richness in a well-known continent? Temporal patterns of endemic and widespread species descriptions in the European fauna. Global Ecology and Biogeography, 2013, 22, 29-39.	5.8	36
60	Telling a different story: a global assessment of bryophyte invasions. Biological Invasions, 2013, 15, 1933-1946.	2.4	25
61	Potential of genetically modified oilseed rape for biofuels in Austria: Land use patterns and coexistence constraints could decrease domestic feedstock production. Biomass and Bioenergy, 2013, 50, 35-44.	5.7	15
62	Native, alien, endemic, threatened, and extinct species diversity in European countries. Biological Conservation, 2013, 164, 90-97.	4.1	35
63	Extinction debt of high-mountain plants under twenty-first-century climate change. Nature Climate Change, 2012, 2, 619-622.	18.8	582
64	Ancient and recent alien species in temperate forests: steady state and time lags. Biological Invasions, 2012, 14, 1331-1342.	2.4	48
65	Vulnerability of mires under climate change: implications for nature conservation and climate change adaptation. Biodiversity and Conservation, 2012, 21, 655-669.	2.6	61
66	Macroecological drivers of alien conifer naturalizations worldwide. Ecography, 2011, 34, 1076-1084.	4.5	32
67	Selection for commercial forestry determines global patterns of alien conifer invasions. Diversity and Distributions, 2010, 16, 911-921.	4.1	69
68	Interacting effects of wind direction and resource distribution on insect pest densities. Basic and Applied Ecology, 2009, 10, 208-215.	2.7	25
69	Ground-dwelling predators can affect within-field pest insect emergence in winter oilseed rape fields. BioControl, 2009, 54, 247-253.	2.0	36
70	Parasitism of stem weevils and pollen beetles in winter oilseed rape is differentially affected by crop management and landscape characteristics. BioControl, 2009, 54, 505-514.	2.0	29
71	Spider assemblages in winter oilseed rape affected by landscape and site factors. Ecography, 2008, 31, 254-262.	4.5	74
72	Insect pests in winter oilseed rape affected by field and landscape characteristics. Basic and Applied Ecology, 2008, 9, 682-690.	2.7	84

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73	Spatial distribution patterns of <i>Rhynchostegium megapolitanum</i> at the landscape scale – an expanding species?. <i>Applied Vegetation Science</i> , 2007, 10, 111.	1.9	11
74	Environmental determinants of vascular plant species richness in the Austrian Alps. <i>Journal of Biogeography</i> , 2005, 32, 1117-1127.	3.0	115
75	Human appropriation of net primary production and species diversity in agricultural landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2004, 102, 213-218.	5.3	106
76	Surrogate taxa for biodiversity in agricultural landscapes of eastern Austria. <i>Biological Conservation</i> , 2004, 117, 181-190.	4.1	169
77	Distribution of endangered bryophytes in Austrian agricultural landscapes. <i>Biological Conservation</i> , 2002, 103, 173-182.	4.1	23
78	Title is missing!. <i>Landscape Ecology</i> , 2002, 17, 657-669.	4.2	216
79	The influence of agricultural land-use intensity on bryophyte species richness. <i>Biodiversity and Conservation</i> , 2001, 10, 1609-1625.	2.6	79