

Hans-Peter Rusterholz

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,470
citations

279798

23
h-index

345221

36
g-index

60
all docs

60
docs citations

60
times ranked

1596
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic effects of anthropogenic habitat fragmentation on remnant animal and plant populations: a meta-analysis. <i>Ecosphere</i> , 2018, 9, e02488.	2.2	132
2	Short-term and long-term effects of human trampling on above-ground vegetation, soil density, soil organic matter and soil microbial processes in suburban beech forests. <i>Applied Soil Ecology</i> , 2009, 42, 303-314.	4.3	88
3	Short-term responses of plants and invertebrates to experimental small-scale grassland fragmentation. <i>Oecologia</i> , 2000, 125, 559-572.	2.0	81
4	Do Peacock butterflies (<i>Inachis io</i> L.) detect and prefer nectar amino acids and other nitrogenous compounds?. <i>Oecologia</i> , 1998, 117, 536-542.	2.0	80
5	Can nectar properties explain sex-specific flower preferences in the Adonis Blue butterfly <i>Lysandra bellargus</i> ?. <i>Ecological Entomology</i> , 2000, 25, 81-90.	2.2	78
6	Diverse effects of degree of urbanisation and forest size on species richness and functional diversity of plants, and ground surface-active ants and spiders. <i>PLoS ONE</i> , 2018, 13, e0199245.	2.5	66
7	Inhibitory Potential of Naphthoquinones Leached from Leaves and Exuded from Roots of the Invasive Plant <i>Impatiens glandulifera</i> . <i>Journal of Chemical Ecology</i> , 2014, 40, 371-378.	1.8	51
8	Changes in plant diversity along an urban-rural gradient in an expanding city in Kazakhstan, Western Siberia. <i>Landscape and Urban Planning</i> , 2014, 132, 111-120.	7.5	49
9	Response of plant and gastropod species to knotweed invasion. <i>Basic and Applied Ecology</i> , 2012, 13, 232-240.	2.7	48
10	The invasive plant <i>Impatiens glandulifera</i> affects soil fungal diversity and the bacterial community in forests. <i>Applied Soil Ecology</i> , 2018, 124, 335-343.	4.3	48
11	Invasion of an annual exotic plant into deciduous forests suppresses arbuscular mycorrhiza symbiosis and reduces performance of sycamore maple saplings. <i>Forest Ecology and Management</i> , 2014, 318, 285-293.	3.2	45
12	Disturbances by human trampling alter the performance, sexual reproduction and genetic diversity in a clonal woodland herb. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2009, 11, 17-29.	2.7	36
13	Invasion of <i>Impatiens glandulifera</i> affects terrestrial gastropods by altering microclimate. <i>Acta Oecologica</i> , 2013, 47, 16-23.	1.1	36
14	Effects of road type and urbanization on the diversity and abundance of alien species in roadside verges in Western Siberia. <i>Plant Ecology</i> , 2016, 217, 241-252.	1.6	34
15	Title is missing!. <i>Plant and Soil</i> , 2002, 243, 143-154.	3.7	33
16	Rock climbing alters the vegetation of limestone cliffs in the northern Swiss Jura Mountains. <i>Canadian Journal of Botany</i> , 2004, 82, 862-870.	1.1	32
17	Disturbance of suburban <i>Fagus</i> forests by recreational activities: Effects on soil characteristics, above-ground vegetation and seed bank. <i>Applied Vegetation Science</i> , 2005, 8, 175.	1.9	32
18	Habitat- and matrix-related differences in species diversity and trait richness of vascular plants, Orthoptera and Lepidoptera in an urban landscape. <i>Urban Ecosystems</i> , 2017, 20, 1095-1107.	2.4	31

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19	Disturbance of suburban <i>Fagus</i> forests by recreational activities: Effects on soil characteristics, above-ground vegetation and seed bank. <i>Applied Vegetation Science</i> , 2005, 8, 175-182.	1.9	30
20	Effects of rock climbing on plant communities on exposed limestone cliffs in the Swiss Jura mountains. <i>Applied Vegetation Science</i> , 2004, 7, 35-40.	1.9	29
21	Effects of the annual invasive plant <i>Impatiens glandulifera</i> on the Collembola and Acari communities in a deciduous forest. <i>Pedobiologia</i> , 2014, 57, 285-291.	1.2	29
22	Delayed response in a plant-pollinator system to experimental grassland fragmentation. <i>Oecologia</i> , 2010, 163, 141-152.	2.0	28
23	Garden waste deposits as a source for non-native plants in mixed deciduous forests. <i>Applied Vegetation Science</i> , 2012, 15, 329-337.	1.9	28
24	Variation in multiple paternity and sperm utilization patterns in natural populations of a simultaneous hermaphrodite land snail. <i>Biological Journal of the Linnean Society</i> , 0, 99, 350-361.	1.6	24
25	Effects of Fireplace Use on Forest Vegetation and Amount of Woody Debris in Suburban Forests in Northwestern Switzerland. <i>Environmental Management</i> , 2009, 43, 299-310.	2.7	23
26	Recreational use of urban and suburban forests affects plant diversity in a Western Siberian city. <i>Urban Forestry and Urban Greening</i> , 2016, 17, 92-103.	5.3	23
27	Effects of different irrigation systems on the biodiversity of species-rich hay meadows. <i>Agriculture, Ecosystems and Environment</i> , 2013, 164, 62-69.	5.3	21
28	Disrupting ectomycorrhizal symbiosis: Indirect effects of an annual invasive plant on growth and survival of beech (<i>Fagus sylvatica</i>) saplings. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2016, 19, 12-20.	2.7	17
29	Experimental evidence for a delayed response of the above-ground vegetation and the seed bank to the invasion of an annual exotic plant in deciduous forests. <i>Basic and Applied Ecology</i> , 2017, 20, 19-30.	2.7	17
30	Invasion of the alien shrub <i>Prunus laurocerasus</i> in suburban deciduous forests: Effects on native vegetation and soil properties. <i>Acta Oecologica</i> , 2018, 92, 44-51.	1.1	17
31	Ground-dwelling invertebrate diversity in domestic gardens along a rural-urban gradient: Landscape characteristics are more important than garden characteristics. <i>PLoS ONE</i> , 2020, 15, e0240061.	2.5	17
32	Settlements as a source for the spread of non-native plants into Central European suburban forests. <i>Acta Oecologica</i> , 2017, 79, 18-25.	1.1	14
33	The invasion of an annual exotic plant species affects the above- and belowground plant diversity in deciduous forests to a different extent. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 38, 74-83.	2.7	13
34	Land-use abandonment owing to irrigation cessation affects the biodiversity of hay meadows in an arid mountain region. <i>Agriculture, Ecosystems and Environment</i> , 2014, 185, 144-152.	5.3	12
35	Millipedes step up: species extend their upper elevational limit in the Alps in response to climate warming. <i>Insect Conservation and Diversity</i> , 2022, 15, 61-72.	3.0	12
36	Fire place preferences of forest visitors in northwestern Switzerland: Implications for the management of picnic sites. <i>Urban Forestry and Urban Greening</i> , 2007, 6, 73-81.	5.3	10

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37	Population structure and genetic diversity of relict populations of <i>Alyssum montanum</i> on limestone cliffs in the Northern Swiss Jura mountains. <i>Alpine Botany</i> , 2012, 122, 109-117.	2.4	10
38	Functional diversity and habitat preferences of native grassland plants and ground-dwelling invertebrates in private gardens along an urbanization gradient. <i>Ecology and Evolution</i> , 2021, 11, 17043-17059.	1.9	10
39	Effects of forestry practices on relict plant species on limestone cliffs in the northern Swiss Jura mountains. <i>Forest Ecology and Management</i> , 2006, 237, 227-236.	3.2	9
40	Intensity-dependent impact of sport climbing on vascular plants and land snails on limestone cliffs. <i>Biological Conservation</i> , 2018, 224, 63-70.	4.1	9
41	Successful restoration of abandoned terraced vineyards and grasslands in Southern Switzerland. <i>Basic and Applied Ecology</i> , 2020, 42, 35-46.	2.7	9
42	Defoliation of wild native box trees (<i>Buxus sempervirens</i>): Does box rust (<i>Puccinia buxi</i>) infection influence herbivory, survival and growth of the invasive <i>Cydalima perspectalis</i> ?. <i>Journal of Applied Entomology</i> , 2019, 143, 766-775.	1.8	8
43	The annual invasive plant <i>Impatiens glandulifera</i> reduces hyphal biomass of soil fungi in deciduous forests. <i>Fungal Ecology</i> , 2019, 39, 242-249.	1.6	8
44	Saproxyllic insects and fungi in deciduous forests along a rural-urban gradient. <i>Ecology and Evolution</i> , 2021, 11, 1634-1652.	1.9	8
45	Effects of Long-Term Trampling on the Above-Ground Forest Vegetation and Soil Seed Bank at the Base of Limestone Cliffs. <i>Environmental Management</i> , 2011, 48, 1024-1032.	2.7	7
46	DNA Quantity and Quality in Remnants of Traffic-Killed Specimens of an Endangered Longhorn Beetle: A Comparison of Different Methods. <i>Journal of Insect Science</i> , 2015, 15, 120.	1.5	7
47	Increasing Population Density and Seed Production with Altitude in <i>Eritrichium nanum</i> (Boraginaceae) – an Arctic Alpine Obligatory Seeder. <i>Arctic, Antarctic, and Alpine Research</i> , 2005, 37, 41-48.	1.1	6
48	Owners' Perceptions Do Not Match Actual Ground-Dwelling Invertebrate Diversity in Their Gardens. <i>Diversity</i> , 2021, 13, 189.	1.7	4
49	Do different irrigation techniques affect the small-scale patterns of plant diversity and soil characteristics in mountain hay meadows?. <i>Plant Ecology</i> , 2014, 215, 1037-1046.	1.6	2
50	Single versus repeated human trampling events: Responses of ground vegetation in suburban beech forests. <i>Applied Vegetation Science</i> , 2021, 24, .	1.9	2
51	Effects of rock climbing on plant communities on exposed limestone cliffs in the Swiss Jura mountains. <i>Applied Vegetation Science</i> , 2004, 7, 35.	1.9	2
52	Die Bedeutung der Erholungsnutzung des Waldes am Beispiel von Picknicken und Grillieren: Ergebnisse einer gesamtschweizerischen Umfrage bei Forstfachleuten und Waldeigentümern The relevance of forest recreation exemplified by picnicking and grilling: Results of a nationwide survey aimed at forestry experts and public forest owners in Switzerland. <i>Schweizerische Zeitschrift Für Forstwesen</i> , 2007, 158, 39-49.	0.1	2
53	Intensive recreational activities in suburban forests: A method to quantify the reduction in timber value. <i>Urban Forestry and Urban Greening</i> , 2009, 8, 109-116.	5.3	1
54	Changes in landscape composition of differently irrigated hay meadows in an arid mountain region. <i>Applied Vegetation Science</i> , 2015, 18, 242-251.	1.9	1

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55	Bodenschäden durch Freizeitaktivitäten im Wald: Regeneration durch Einzäunen. Schweizerische Zeitschrift Für Forstwesen, 2014, 165, 2-9.	0.1	1
56	Title is missing!. , 2020, 15, e0240061.		0
57	Title is missing!. , 2020, 15, e0240061.		0
58	Title is missing!. , 2020, 15, e0240061.		0
59	Title is missing!. , 2020, 15, e0240061.		0
60	Invading non-native populations replace native ones of the endangered freshwater snail <i>Theodoxus fluviatilis</i> in the river Rhine. European Journal of Environmental Sciences, 2022, 12, 5-15.	0.2	0