Felix Herzog

List of Publications by Year
in descending order

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114 papers	10,024 citations	50244 46 h-index	37183 96 g-index
119 all docs	119 docs citations	119 times ranked	9914 citing authors

#	Article	IF	Citations
1	Comparing floral resource maps and land cover maps to predict predators and aphid suppression on field bean. Landscape Ecology, 2022, 37, 431-441.	1.9	9
2	An approach for comparing agricultural development to societal visions. Agronomy for Sustainable Development, 2022, 42, 5.	2.2	7
3	<scp>CropPol</scp>: A dynamic, open and global database on crop pollination. Ecology, 2022, 103, e3614.	1.5	19
4	Effects of temporal floral resource availability and non-crop habitats on broad bean pollination. Landscape Ecology, 2022, 37, 1573-1586.	1.9	4
5	Ecologicalâ€“Economic Modelling of Traditional Agroforestry to Promote Farmland Biodiversity with Cost-Effective Payments. Sustainability, 2022, 14, 5615.	1.6	6
6	The geography of megatrends affecting European agriculture. Global Environmental Change, 2022, 75, 102551.	3.6	25
7	Agroforestry and the environment. Agroforestry Systems, 2021, 95, 767-774.	0.9	33
8	Agroecology landscapes. Landscape Ecology, 2021, 36, 2235-2257.	1.9	47
9	Mixtures of forest and agroforestry alleviate trade-offs between ecosystem services in European rural landscapes. Ecosystem Services, 2021, 50, 101318.	2.3	19
10	An increase in food production in Europe could dramatically affect farmland biodiversity. Communications Earth & Environment, 2021, 2, .	2.6	22
11	Agroforestry can enhance foraging and nesting resources for pollinators with focus on solitary bees at the landscape scale. Agroforestry Systems, 2020, 94, 379-387.	0.9	19
12	Development and application of indicators for visual landscape quality to include in life cycle sustainability assessment of Swiss agricultural farms. Ecological Indicators, 2020, 110, 105788.	2.6	10
13	Conceptualizing pathways to sustainable agricultural intensification. Advances in Ecological Research, 2020, 63, 161-192.	1.4	16
14	The effectiveness of flower strips and hedgerows on pest control, pollination services and crop yield: a quantitative synthesis. Ecology Letters, 2020, 23, 1488-1498.	3.0	319
15	Using Temporally Resolved Floral Resource Maps to Explain Bumblebee Colony Performance in Agricultural Landscapes. Agronomy, 2020, 10, 1993.	1.3	10
16	Insights into aphid prey consumption by ladybirds: Optimising field sampling methods and primer design for high throughput sequencing. PLoS ONE, 2020, 15, e0235054.	1.1	7
17	Whole system valuation of arable, agroforestry and tree-only systems at three case study sites in Europe. Journal of Cleaner Production, 2020, 269, 122283.	4.6	13
18	Seasonal shifts and complementary use of pollen sources by two bees, a lacewing and a ladybeetle species in European agricultural landscapes. Journal of Applied Ecology, 2019, 56, 2431-2442.	1.9	65

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19	Agroforestry is paying off â€“ Economic evaluation of ecosystem services in European landscapes with and without agroforestry systems. Ecosystem Services, 2019, 36, 100896.	2.3	84
20	Cross-site analysis of perceived ecosystem service benefits in multifunctional landscapes. Global Environmental Change, 2019, 56, 134-147.	3.6	79
21	The interplay of landscape composition and configuration: new pathways to manage functional biodiversity and agroecosystem services across Europe. Ecology Letters, 2019, 22, 1083-1094.	3.0	364
22	Agroforestry creates carbon sinks whilst enhancing the environment in agricultural landscapes in Europe. Land Use Policy, 2019, 83, 581-593.	2.5	121
23	Spatial similarities between European agroforestry systems and ecosystem services at the landscape scale. Agroforestry Systems, 2018, 92, 1075-1089.	0.9	35
24	Landscape-scale modelling of agroforestry ecosystems services in Swiss orchards: a methodological approach. Landscape Ecology, 2018, 33, 1633-1644.	1.9	22
25	Swiss alpine summer farming: current status and future development under climate change. Rangeland Journal, 2018, 40, 501.	0.4	29
26	Summer Farms in Switzerland: Profitability and Public Financial Support. Mountain Research and Development, 2018, 38, 14-23.	0.4	17
27	Characterization factors for land use impacts on biodiversity in life cycle assessment based on direct measures of plant species richness in European farmland in the â€˜Temperate Broadleaf and Mixed Forestâ€™ biome. Science of the Total Environment, 2017, 580, 358-366.	3.9	42
28	European farm scale habitat descriptors for the evaluation of biodiversity. Ecological Indicators, 2017, 77, 205-217.	2.6	16
29	Biodiversity assessment in LCA: a validation at field and farm scale in eight European regions. International Journal of Life Cycle Assessment, 2017, 22, 1483-1492.	2.2	12
30	The database of the <scp>PREDICTS</scp> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	186
31	Landscape distribution of food and nesting sites affect larval diet and nest size, but not abundance of Osmia bicornis. Insect Science, 2016, 23, 746-753.	1.5	32
32	EDITOR'S CHOICE: How much would it cost to monitor farmland biodiversity in Europe?. Journal of Applied Ecology, 2016, 53, 140-149.	1.9	21
33	Farmland biodiversity and agricultural management on 237 farms in 13 European and two African regions. Ecology, 2016, 97, 1625-1625.	1.5	15
34	Predicting bee community responses to land-use changes: Effects of geographic and taxonomic biases. Scientific Reports, 2016, 6, 31153.	1.6	92
35	State-of-the-art practices in farmland biodiversity monitoring for North America and Europe. Ambio, 2016, 45, 857-871.	2.8	16
36	Swiss farmers donâ€™t adopt agroforestry because they fear for their reputation. Agroforestry Systems, 2016, 90, 385-394.	0.9	39

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37	Non-bee insects are important contributors to global crop pollination. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 146-151.	3.3	618
38	Relating costs to the user value of farmland biodiversity measurements. Journal of Environmental Management, 2016, 165, 286-297.	3.8	7
39	Developing, Implementing and Communicating Inter- and Transdisciplinary Research: AlpFUTUR as an Example. Gaia, 2015, 24, 188-195.	0.3	1
40	Innovative agroecosystem goods and services: key profitability drivers in Swiss agroforestry. Agronomy for Sustainable Development, 2015, 35, 759-770.	2.2	43
41	Delivery of crop pollination services is an insufficient argument for wild pollinator conservation. Nature Communications, 2015, 6, 7414.	5.8	656
42	Strikingly high effect of geographic location on fauna and flora of European agricultural grasslands. Basic and Applied Ecology, 2015, 16, 281-290.	1.2	9
43	Understanding and quantifying landscape structure â€“ A review on relevant process characteristics, data models and landscape metrics. Ecological Modelling, 2015, 295, 31-41.	1.2	277
44	Indicators for the on-farm assessment of crop cultivar and livestock breed diversity: a survey-based participatory approach. Biodiversity and Conservation, 2014, 23, 3051-3071.	1.2	19
45	The <scp>PREDICTS</scp> database: a global database of how local terrestrial biodiversity responds to human impacts. Ecology and Evolution, 2014, 4, 4701-4735.	0.8	178
46	Responses of plants, earthworms, spiders and bees to geographic location, agricultural management and surrounding landscape in European arable fields. Agriculture, Ecosystems and Environment, 2014, 186, 124-134.	2.5	44
47	Disentangling multiple drivers of pollination in a landscape-scale experiment. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132667.	1.2	33
48	Gains to species diversity in organically farmed fields are not propagated at the farm level. Nature Communications, 2014, 5, 4151.	5.8	89
49	Habitat isolation affects plantâ€“herbivoreâ€“enemy interactions on cherry trees. Biological Control, 2014, 71, 56-64.	1.4	34
50	Appropriate metrics to inform farmers about species diversity. Environmental Science and Policy, 2014, 41, 52-62.	2.4	10
51	Estimating the cost of different strategies for measuring farmland biodiversity: Evidence from a Europe-wide field evaluation. Ecological Indicators, 2014, 45, 434-443.	2.6	21
52	Habitat amount modulates the effect of patch isolation on host-parasitoid interactions. Frontiers in Environmental Science, 2014, 2, .	1.5	21
53	Farmersâ€™ perceptions of biodiversity: Lessons from a discourse-based deliberative valuation study. Land Use Policy, 2013, 35, 318-328.	2.5	73
54	Effects of Habitat Fragmentation on Abundance, Larval Food and Parasitism of a Spider-Hunting Wasp. PLoS ONE, 2013, 8, e59286.	1.1	30

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55	Effects of habitat isolation and predation pressure on an arboreal food-web. Community Ecology, 2012, 13, 82-87.	0.5	10
56	Agri-environment scheme protects diversity of mountain grassland species. Land Use Policy, 2012, 29, 569-576.	2.5	39
57	Interactive effects of landscape context constrain the effectiveness of local agriâ€environmental management. Journal of Applied Ecology, 2012, 49, 695-705.	1.9	100
58	Effects of Wildflower Strip Quality, Quantity, and Connectivity on Butterfly Diversity in a Swiss Arable Landscape. Restoration Ecology, 2011, 19, 500-508.	1.4	52
59	Effect of Connectivity Between Restoration Meadows on Invertebrates with Contrasting Dispersal Abilities. Restoration Ecology, 2011, 19, 151-159.	1.4	29
60	Use of topographic variability for assessing plant diversity in agricultural landscapes. Agriculture, Ecosystems and Environment, 2011, 142, 144-148.	2.5	8
61	Differential effects of habitat isolation and landscape composition on wasps, bees, and their enemies. Oecologia, 2011, 165, 713-721.	0.9	88
62	Farm-SAFE: the process of developing a plot- and farm-scale model of arable, forestry, and silvoarable economics. Agroforestry Systems, 2011, 81, 93-108.	0.9	31
63	Effect of conservation management on bees and insect-pollinated grassland plant communities in three European countries. Agriculture, Ecosystems and Environment, 2010, 136, 35-39.	2.5	122
64	Spiders associated with the meadow and tree canopies of orchards respond differently to habitat fragmentation. Landscape Ecology, 2010, 25, 1375-1384.	1.9	24
65	Implementation and calibration of the parameter-sparse Yield-SAFE model to predict production and land equivalent ratio in mixed tree and crop systems under two contrasting production situations in Europe. Ecological Modelling, 2010, 221, 1744-1756.	1.2	48
66	Effects of habitat amount and isolation on biodiversity in fragmented traditional orchards. Journal of Applied Ecology, 2010, 47, 1003-1013.	1.9	109
67	Structural Versus Functional Habitat Connectivity Measures to Explain Bird Diversity in Fragmented Orchards. Journal of Landscape Ecology(Czech Republic), 2010, 3, .	0.2	9
68	Arthropod Colonisation of Trees in Fragmented Landscapes Depends on Species Traits. Open Ecology Journal, 2010, 3, 111-117.	2.0	15
69	Case-specific monitoring of butterflies to determine potential effects of transgenic Bt-maize in Switzerland. Agriculture, Ecosystems and Environment, 2009, 131, 137-144.	2.5	31
70	Ecological cross compliance promotes farmland biodiversity in Switzerland. Frontiers in Ecology and the Environment, 2009, 7, 247-252.	1.9	98
71	Indicators for biodiversity in agricultural landscapes: a panâ€European study. Journal of Applied Ecology, 2008, 45, 141-150.	1.9	530
72	Environmental cross-compliance mitigates nitrogen and phosphorus pollution from Swiss agriculture. Environmental Science and Policy, 2008, 11, 655-668.	2.4	55

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73	Plant functional group composition and largeâ€scale species richness in European agricultural landscapes. Journal of Vegetation Science, 2008, 19, 3-14.	1.1	111
74	What is the role of local landscape structure in the vegetation composition of field boundaries?. Applied Vegetation Science, 2008, 11, 375-386.	0.9	44
75	Impact of Regional Species Pool on Grasshopper Restoration in Hay Meadows. Restoration Ecology, 2008, 16, 34-38.	1.4	7
76	Prediction uncertainty of environmental change effects on temperate European biodiversity. Ecology Letters, 2008, 11, 235-244.	3.0	79
77	Mountain grassland biodiversity: Impact of site conditions versus management type. Journal for Nature Conservation, 2008, 16, 12-25.	0.8	73
78	Effects of topographic variability on the scaling of plant species richness in gradient dominated landscapes. Ecography, 2008, 31, 131-139.	2.1	42
79	Thematic resolution matters: Indicators of landscape pattern for European agro-ecosystems. Ecological Indicators, 2007, 7, 692-709.	2.6	80
80	Indirect effects of grassland extensification schemes on pollinators in two contrasting European countries. Biological Conservation, 2007, 135, 302-307.	1.9	37
81	Functional richness of local hoverfly communities (Diptera, Syrphidae) in response to land use across temperate Europe. Oikos, 2007, 116, 461-472.	1.2	97
82	Methodological approach for the assessment of environmental effects of agroforestry at the landscape scale. Ecological Engineering, 2007, 29, 450-462.	1.6	55
83	Development and application of bio-economic modelling to compare silvoarable, arable, and forestry systems in three European countries. Ecological Engineering, 2007, 29, 434-449.	1.6	126
84	Target regions for silvoarable agroforestry in Europe. Ecological Engineering, 2007, 29, 401-418.	1.6	93
85	Effects of landscape structure and landâ€use intensity on similarity of plant and animal communities. Global Ecology and Biogeography, 2007, 16, 774-787.	2.7	151
86	How landscape structure, land-use intensity and habitat diversity affect components of total arthropod diversity in agricultural landscapes. Journal of Applied Ecology, 2007, 44, 340-351.	1.9	452
87	Integrating environmental and economic performance to assess modern silvoarable agroforestry in Europe. Ecological Economics, 2007, 63, 759-767.	2.9	69
88	Modeling environmental benefits of silvoarable agroforestry in Europe. Agriculture, Ecosystems and Environment, 2007, 119, 320-334.	2.5	116
89	Effects of agri-environmental measures, site and landscape conditions on butterfly diversity of Swiss grassland. Agriculture, Ecosystems and Environment, 2007, 122, 295-304.	2.5	36
90	Impact of Swiss agricultural policies on nitrate leaching from arable land. Agronomy for Sustainable Development, 2007, 27, 243-253.	2.2	26

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91	The influence of thematic resolution on metric selection for biodiversity monitoring in agricultural landscapes. Landscape Ecology, 2007, 22, 461-473.	1.9	74
92	The Swiss agri-environment scheme promotes farmland birds: but only moderately. Journal Fur Ornithologie, 2007, 148, 295-303.	1.2	57
93	Mixed biodiversity benefits of agri-environment schemes in five European countries. Ecology Letters, 2006, 9, 243-254.	3.0	812
94	A REJOINDER TO THE COMMENTS BY POTTS ET AL.. Ecology Letters, 2006, 9, 256-257.	3.0	0
95	Silvoarable Systems in Europe â€“ Past, Present and Future Prospects. Agroforestry Systems, 2006, 67, 29-50.	0.9	302
96	Monitoring effects of GM crops on butterflies: the use of multiscale approaches for general surveillance. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2006, 1, 85-88.	0.5	8
97	Assessing the intensity of temperate European agriculture at the landscape scale. European Journal of Agronomy, 2006, 24, 165-181.	1.9	186
98	Effect of ecological compensation areas on floristic and breeding bird diversity in Swiss agricultural landscapes. Agriculture, Ecosystems and Environment, 2005, 108, 189-204.	2.5	109
99	Quantifying the impact of environmental factors on arthropod communities in agricultural landscapes across organizational levels and spatial scales. Journal of Applied Ecology, 2005, 42, 1129-1139.	1.9	273
100	Effectiveness of the Swiss agri-environment scheme in promoting biodiversity. Journal of Applied Ecology, 2005, 43, 120-127.	1.9	189
101	Policy Options to Support Transhumance and Biodiversity in European Mountains: A Report on the TRANSHUMOUNT Stakeholder Workshop, Landquart/Zurich, Switzerland, 26â€“28 May 2004. Mountain Research and Development, 2005, 25, 82-84.	0.4	23
102	Landscape Monitoring. , 2004, , 307-335.		1
103	The Swiss agri-environmental programme and its effects on selected biodiversity indicators. Journal for Nature Conservation, 2003, 11, 213-220.	0.8	30
104	Applicability of landscape metrics for the monitoring of landscape change: issues of scale, resolution and interpretability. Ecological Indicators, 2002, 2, 3-15.	2.6	302
105	Landscape Metrics for Assessment of Landscape Destruction and Rehabilitation. Environmental Management, 2001, 27, 91-107.	1.2	150
106	Supplementing land-use statistics with landscape metrics: some methodological considerations. , 2001, 72, 37-50.		95
107	Communities of Interest and Agroecosystem Restoration. Advances in Agroecology, 2001, , .	0.3	0
108	Criteria for sustainability and their application at a regional level: the case of clearing islands in the DÃ¼bener Heide nature park (Eastern Germany). Landscape and Urban Planning, 1999, 46, 51-62.	3.4	8

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109	Title is missing!. Agroforestry Systems, 1998, 42, 61-80.	0.9	118
110	Assessing the Sustainability of Smallholder Tree Crop Production in the Tropics: A Methodological Outline. Agroecology and Sustainable Food Systems, 1998, 11, 13-37.	0.9	10
111	Die Landwirtschaft im SÃ¼draum Leipzig â€" Nachhaltig geschÃdigt. , 1997, , 191-220.		2
112	Composition and consumption of gathered wild fruits in the Vâ€Baoulé, CÃ´te d'Ivoire. Ecology of Food and Nutrition, 1994, 32, 181-196.	0.8	31
113	Multipurpose shade trees in coffee and cocoa plantations in Cï¿½te d'Ivoire. Agroforestry Systems, 1994, 27, 259-267.	0.9	64
114	Nutritive value of four wild leafy vegetables in CÃ´te d'Ivoire. International Journal for Vitamin and Nutrition Research, 1993, 63, 234-8.	0.6	8