Christina Fischer

List of Publications by Citations

56 papers	3,310 citations	24 h-index	57 g-index
60 ext. papers	4,102 ext. citations	5 avg, IF	4.51 L-index

#	Paper	IF	Citations
56	Persistent negative effects of pesticides on biodiversity and biological control potential on European farmland. *Basic and Applied Ecology*, **2010**, 11, 97-105	3.2	779
55	Moving in the Anthropocene: Global reductions in terrestrial mammalian movements. *Science*, **2018**, 359, 466-469	33.3	474
54	Functional identity and diversity of animals predict ecosystem functioning better than species-based indices. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20142620	4.4	348
53	Agricultural intensification and biodiversity partitioning in European landscapes comparing plants, carabids, and birds **2011**, 21, 1772-81		182
52	The interplay of landscape composition and configuration: new pathways to manage functional biodiversity and agroecosystem services across Europe. *Ecology Letters*, **2019**, 22, 1083-1094	10	171
51	Interannual variation in land-use intensity enhances grassland multidiversity. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 308-13	11.5	166
50	Mixed effects of organic farming and landscape complexity on farmland biodiversity and biological control potential across Europe. *Journal of Applied Ecology*, **2011**, 48, 570-579	5.8	161
49	Harnessing the biodiversity value of Central and Eastern European farmland. *Diversity and Distributions*, **2015**, 21, 722-730	5	130
48	The former Iron Curtain still drives biodiversity-profit trade-offs in German agriculture. *Nature Ecology and Evolution*, **2017**, 1, 1279-1284	12.3	76
47	Response of ground-nesting farmland birds to agricultural intensification across Europe: Landscape and field level management factors. *Biological Conservation*, **2012**, 152, 74-80	6.2	66
46	Small mammals in agricultural landscapes: Opposing responses to farming practices and landscape complexity. *Biological Conservation*, **2011**, 144, 1130-1136	6.2	65
45	A comprehensive analysis of autocorrelation and bias in home range estimation. *Ecological Monographs*, **2019**, 89, e01344	9	62
44	Mixed effects of landscape structure and farming practice on bird diversity. *Agriculture, Ecosystems and Environment*, **2011**, 141, 119-125	5.7	52
43	Landscape composition influences farm management effects on farmland birds in winter: A pan-European approach. *Agriculture, Ecosystems and Environment*, **2010**, 139, 571-577	5.7	44
42	Predicting spatial and temporal habitat use of rodents in a highly intensive agricultural area. *Agriculture, Ecosystems and Environment*, **2014**, 189, 145-153	5.7	35
41	Mixed effects of landscape complexity and farming practice on weed seed removal. *Perspectives in Plant Ecology, Evolution and Systematics*, **2011**, 13, 297-303	3	35
40	Right on track? Performance of satellite telemetry in terrestrial wildlife research. *PLoS ONE*, **2019**, 14, e0216223	3.7	31

39	The impact of hedge-forest connectivity and microhabitat conditions on spider and carabid beetle assemblages in agricultural landscapes. *Journal of Insect Conservation*, **2013**, 17, 1027-1038	2.1	28
38	Wild in the city context: Do relative wild areas offer opportunities for urban biodiversity?. *Landscape and Urban Planning*, **2018**, 170, 256-265	7.7	28
37	Landscape-moderated bird nest predation in hedges and forest edges. *Acta Oecologica*, **2012**, 45, 50-56	1.7	27
36	Taxonomic and functional diversity of farmland bird communities across Europe: effects of biogeography and agricultural intensification. *Biodiversity and Conservation*, **2011**, 20, 3663-3681	3.4	27
35	The diversity of arable weed communities on organic and conventional cereal farms in two contrasting regions. *Applied Vegetation Science*, **2012**, 15, 571-579	3.3	26
34	Ecosystem services and disservices provided by small rodents in arable fields: Effects of local and landscape management. *Journal of Applied Ecology*, **2018**, 55, 548-558	5.8	24
33	Species traits influence ground beetle responses to farm and landscape level agricultural intensification in Europe. *Journal of Insect Conservation*, **2014**, 18, 837-846	2.1	24
32	Effects of body size on estimation of mammalian area requirements. *Conservation Biology*, **2020**, 34, 1017-1028	6	20
31	Contrasting effect of isolation of hedges from forests on farmland vs. woodland birds. *Community Ecology*, **2012**, 13, 155-161	1.2	20
30	Habitat selection by the European hare in arable landscapes: The importance of small-scale habitat structure for conservation. *Ecology and Evolution*, **2018**, 8, 11619-11633	2.8	20
29	Seed preferences by rodents in the agri-environment and implications for biological weed control. *Ecology and Evolution*, **2016**, 6, 5796-807	2.8	18
28	Reintroduction of rare arable plants by seed transfer. What are the optimal sowing rates?. *Ecology and Evolution*, **2016**, 6, 5506-16	2.8	17
27	Forest specialist and generalist small mammals in forest edges and hedges. *Wildlife Biology*, **2016**, 22, 86-94	1.7	17
26	Spatiotemporal variability in resources affects herbivore home range formation in structurally contrasting and unpredictable agricultural landscapes. *Landscape Ecology*, **2018**, 33, 1505-1517	4.3	13
25	Seasonal effects of habitat structure and weather on the habitat selection and home range size of a mammal in agricultural landscapes. *Landscape Ecology*, **2019**, 34, 2279-2294	4.3	11
24	Population restoration of the nocturnal bird Athene noctua in Western Europe: an example of evidence based species conservation. *Biodiversity and Conservation*, **2015**, 24, 1743-1753	3.4	10
23	Can agri-environmental schemes enhance non-target species? Effects of sown wildflower fields on the common hamster (Cricetus cricetus) at local and landscape scales. *Biological Conservation*, **2016**, 194, 168-175	6.2	10
22	A Kenyan endemic bird species Turdoides hindei at home in invasive thickets. *Basic and Applied Ecology*, **2015**, 16, 180-188	3.2	9

21	How do agricultural practices affect the movement behaviour of European brown hares (Lepus europaeus)?. *Agriculture, Ecosystems and Environment*, **2020**, 292, 106819	5.7	8
20	Agricultural intensification at local and landscape scales impairs farmland birds, but not skylarks (Alauda arvensis). *Agriculture, Ecosystems and Environment*, **2019**, 277, 21-24	5.7	7
19	Movement ecology of Afrotropical birds: Functional traits provide complementary insights to species identity. *Biotropica*, **2019**, 51, 894-902	2.3	7
18	Herbaceous Legume Encroachment Reduces Grass Productivity and Density in Arid Rangelands. *PLoS ONE*, **2016**, 11, e0166743	3.7	7
17	Restricted movements and high site fidelity in three East African cloud-forest birds. *Journal of Tropical Ecology*, **2016**, 32, 83-87	1.3	7
16	Weeds and endangered herbs have unforeseen dispersal helpers in the agri-environment: gastropods and earthworms. *Renewable Agriculture and Food Systems*, **2013**, 28, 380-383	1.8	6
15	Beyond prime areas of nature protection in East Africa: conservation ecology of a narrowly distributed Kenyan endemic bird species. *Biodiversity and Conservation*, **2015**, 24, 3071-3082	3.4	4
14	How does the seed fate of Crotalaria podocarpa DC, a highly competitive herbaceous legume in arid rangelands, contribute to its establishment probability?. *Perspectives in Plant Ecology, Evolution and Systematics*, **2015**, 17, 405-411	3	4
13	Kenyan endemic bird species at home in novel ecosystem. *Ecology and Evolution*, **2016**, 6, 2494-505	2.8	4
12	A dominance shift in arid savanna: An herbaceous legume outcompetes local C grasses. *Ecology and Evolution*, **2018**, 8, 6779-6787	2.8	4
11	Effects of rare arable plants on plant diversity, productivity and soil fertility in agricultural fields. *Agriculture, Ecosystems and Environment*, **2021**, 307, 107237	5.7	2
10	Using indicator species to detect high quality habitats in an East African forest biodiversity hotspot. *Biodiversity and Conservation*, **2021**, 30, 903-915	3.4	2
9	Comparison between telemetry and spot-mapping to determine space use of the Kenyan endemic Hinde's babbler. *Journal of Tropical Ecology*, **2018**, 34, 395-399	1.3	2
8	Rolling pits of Hartmann's mountain zebra () increase vegetation diversity and landscape heterogeneity in the Pre-Namib. *Ecology and Evolution*, **2021**, 11, 13036-13051	2.8	2
7	Impacts of roads on bird species richness: A meta-analysis considering road types, habitats and feeding guilds. *Science of the Total Environment*, **2021**, 812, 151478	10.2	1
6	Effects of rare arable plants on flower-visiting wild bees in agricultural fields. *Agriculture, Ecosystems and Environment*, **2022**, 323, 107685	5.7	1
5	Land scarcity, communication gaps and institutional confusions influence the loss of biodiversity in south-eastern Kenya. *Biodiversity and Conservation*, **2020**, 29, 3835-3841	3.4	1
4	Large carabids enhance weed seed removal in organic fields and in large-scale, but not small-scale agriculture. *Landscape Ecology*, **2021**, 36, 427-438	4.3	1

3	Seed traits matter-Endozoochoric dispersal through a pervasive mobile linker.. *Ecology and Evolution*, **2021**, 11, 18477-18491	2.8	1
2	Seasonal and temporal patterns of rainfall shape arthropod community composition and multi-trophic interactions in an arid environment.. *Scientific Reports*, **2022**, 12, 3742	4.9	0
1	The contribution of roadsides to connect grassland habitat patches for butterflies in landscapes of contrasting permeability.. *Journal of Environmental Management*, **2022**, 311, 114846	7.9	0