

Ingolf D Steffan-Dewenter

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256
papers

31,121
citations

80
h-index

175
g-index

272
ext. papers

36,128
ext. citations

5.9
avg, IF

7.04
L-index

#	Paper	IF	Citations
256	Importance of pollinators in changing landscapes for world crops. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007 , 274, 303-13	4.4	3044
255	Landscape perspectives on agricultural intensification and biodiversity & ecosystem service management. <i>Ecology Letters</i> , 2005 , 8, 857-874	10	2690
254	Wild pollinators enhance fruit set of crops regardless of honey bee abundance. <i>Science</i> , 2013 , 339, 1608-13	33.3	1309
253	Landscape moderation of biodiversity patterns and processes - eight hypotheses. <i>Biological Reviews</i> , 2012 , 87, 661-85	13.5	1121
252	Pollination and other ecosystem services produced by mobile organisms: a conceptual framework for the effects of land-use change. <i>Ecology Letters</i> , 2007 , 10, 299-314	10	896
251	Extinction debt: a challenge for biodiversity conservation. <i>Trends in Ecology and Evolution</i> , 2009 , 24, 564-71	11.9	841
250	Landscape effects on crop pollination services: are there general patterns?. <i>Ecology Letters</i> , 2008 , 11, 499-515	10	776
249	SCALE-DEPENDENT EFFECTS OF LANDSCAPE CONTEXT ON THREE POLLINATOR GUILDS. <i>Ecology</i> , 2002 , 83, 1421-1432	4.6	772
248	A global quantitative synthesis of local and landscape effects on wild bee pollinators in agroecosystems. <i>Ecology Letters</i> , 2013 , 16, 584-99	10	625
247	Stability of pollination services decreases with isolation from natural areas despite honey bee visits. <i>Ecology Letters</i> , 2011 , 14, 1062-72	10	537
246	Habitat fragmentation causes immediate and time-delayed biodiversity loss at different trophic levels. <i>Ecology Letters</i> , 2010 , 13, 597-605	10	527
245	Fruit set of highland coffee increases with the diversity of pollinating bees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 955-61	4.4	491
244	Mass flowering crops enhance pollinator densities at a landscape scale. <i>Ecology Letters</i> , 2003 , 6, 961-965	10	479
243	Delivery of crop pollination services is an insufficient argument for wild pollinator conservation. <i>Nature Communications</i> , 2015 , 6, 7414	17.4	476
242	MEASURING BEE DIVERSITY IN DIFFERENT EUROPEAN HABITATS AND BIOGEOGRAPHICAL REGIONS. <i>Ecological Monographs</i> , 2008 , 78, 653-671	9	435
241	Functional group diversity of bee pollinators increases crop yield. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008 , 275, 2283-91	4.4	418
240	Functional identity and diversity of animals predict ecosystem functioning better than species-based indices. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20142620	4.4	348

239	Biodiversity at multiple trophic levels is needed for ecosystem multifunctionality. <i>Nature</i> , 2016 , 536, 456-9	50.4	345
238	Effects of landscape context on herbivory and parasitism at different spatial scales. <i>Oikos</i> , 2003 , 101, 18-25	4	345
237	Tradeoffs between income, biodiversity, and ecosystem functioning during tropical rainforest conversion and agroforestry intensification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 4973-8	11.5	328
236	Diversity of flower-visiting bees in cereal fields: effects of farming system, landscape composition and regional context. <i>Journal of Applied Ecology</i> , 2006 , 44, 41-49	5.8	327
235	BIODIVERSITY INDICATOR GROUPS OF TROPICAL LAND-USE SYSTEMS: COMPARING PLANTS, BIRDS, AND INSECTS 2004 , 14, 1321-1333		319
234	Characteristics of insect populations on habitat fragments: A mini review. <i>Ecological Research</i> , 2002 , 17, 229-239	1.9	306
233	Pollinator diversity and crop pollination services are at risk. <i>Trends in Ecology and Evolution</i> , 2005 , 20, 651-2; author reply 652-3	10.9	272
232	Combining high biodiversity with high yields in tropical agroforests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 8311-6	11.5	271
231	Honeybee foraging in differentially structured landscapes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 569-75	4.4	266
230	Landscape simplification filters species traits and drives biotic homogenization. <i>Nature Communications</i> , 2015 , 6, 8568	17.4	260
229	A global synthesis reveals biodiversity-mediated benefits for crop production. <i>Science Advances</i> , 2019 , 5, eaax0121	14.3	259
228	Bioindication using trap-nesting bees and wasps and their natural enemies: community structure and interactions. <i>Journal of Applied Ecology</i> , 1998 , 35, 708-719	5.8	247
227	Combined effects of global change pressures on animal-mediated pollination. <i>Trends in Ecology and Evolution</i> , 2013 , 28, 524-30	10.9	241
226	Importance of Habitat Area and Landscape Context for Species Richness of Bees and Wasps in Fragmented Orchard Meadows. <i>Conservation Biology</i> , 2003 , 17, 1036-1044	6	235
225	Effects of Land-Use Intensity in Tropical Agroforestry Systems on Coffee Flower-Visiting and Trap-Nesting Bees and Wasps. <i>Conservation Biology</i> , 2002 , 16, 1003-1014	6	230
224	How does landscape context contribute to effects of habitat fragmentation on diversity and population density of butterflies?. <i>Journal of Biogeography</i> , 2003 , 30, 889-900	4.1	222
223	How do landscape composition and configuration, organic farming and fallow strips affect the diversity of bees, wasps and their parasitoids?. <i>Journal of Animal Ecology</i> , 2010 , 79, 491-500	4.7	198
222	Natural enemy interactions constrain pest control in complex agricultural landscapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 5534-9	11.5	187

221	Dispersal capacity and diet breadth modify the response of wild bees to habitat loss. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 2075-82	4.4	186
220	Climate-land-use interactions shape tropical mountain biodiversity and ecosystem functions. <i>Nature</i> , 2019 , 568, 88-92	50.4	173
219	The interplay of landscape composition and configuration: new pathways to manage functional biodiversity and agroecosystem services across Europe. <i>Ecology Letters</i> , 2019 , 22, 1083-1094	10	171
218	Agricultural landscapes with organic crops support higher pollinator diversity. <i>Oikos</i> , 2008 , 117, 354-361	4	171
217	A global synthesis of the effects of diversified farming systems on arthropod diversity within fields and across agricultural landscapes. <i>Global Change Biology</i> , 2017 , 23, 4946-4957	11.4	170
216	Effects of patch size and density on flower visitation and seed set of wild plants: a pan-European approach. <i>Journal of Ecology</i> , 2010 , 98, 188-196	6	167
215	Bumblebees experience landscapes at different spatial scales: possible implications for coexistence. <i>Oecologia</i> , 2006 , 149, 289-300	2.9	167
214	Interannual variation in land-use intensity enhances grassland multidiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 308-13	11.5	166
213	Effects of habitat area, isolation, and landscape diversity on plant species richness of calcareous grasslands. <i>Biodiversity and Conservation</i> , 2004 , 13, 1427-1439	3.4	161
212	Do resources or natural enemies drive bee population dynamics in fragmented habitats?. <i>Ecology</i> , 2008 , 89, 1375-87	4.6	156
211	Expansion of mass-flowering crops leads to transient pollinator dilution and reduced wild plant pollination. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 3444-51	4.4	154
210	Pollination, seed set and seed predation on a landscape scale. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001 , 268, 1685-90	4.4	153
209	Local and landscape-level floral resources explain effects of wildflower strips on wild bees across four European countries. <i>Journal of Applied Ecology</i> , 2015 , 52, 1165-1175	5.8	149
208	Altitude acts as an environmental filter on phylogenetic composition, traits and diversity in bee communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 4447-56	4.4	147
207	Insect communities and biotic interactions on fragmented calcareous grasslands – mini review. <i>Biological Conservation</i> , 2002 , 104, 275-284	6.2	147
206	Butterfly and plant specialists suffer from reduced connectivity in fragmented landscapes. <i>Journal of Applied Ecology</i> , 2010 , 47, 799-809	5.8	146
205	Invasive plant integration into native plant-pollinator networks across Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 3887-93	4.4	145
204	Agricultural policies exacerbate honeybee pollination service supply-demand mismatches across Europe. <i>PLoS ONE</i> , 2014 , 9, e82996	3.7	142

203	Mass-flowering crops dilute pollinator abundance in agricultural landscapes across Europe. <i>Ecology Letters</i> , 2016 , 19, 1228-36	10	141
202	Predictors of elevational biodiversity gradients change from single taxa to the multi-taxa community level. <i>Nature Communications</i> , 2016 , 7, 13736	17.4	141
201	Mass-flowering crops enhance wild bee abundance. <i>Oecologia</i> , 2013 , 172, 477-84	2.9	138
200	Alarm: Assessing Large-scale environmental Risks for biodiversity with tested Methods. <i>Gaia</i> , 2005 , 14, 69-72	1.4	138
199	Alpha and beta diversity of arthropods and plants in organically and conventionally managed wheat fields. <i>Journal of Applied Ecology</i> , 2007 , 44, 804-812	5.8	137
198	Pollination efficiency of wild bees and hoverflies provided to oilseed rape. <i>Agricultural and Forest Entomology</i> , 2012 , 14, 81-87	1.9	132
197	Succession of bee communities on fallows. <i>Ecography</i> , 2001 , 24, 83-93	6.5	126
196	Increased efficiency in identifying mixed pollen samples by meta-barcoding with a dual-indexing approach. <i>BMC Ecology</i> , 2015 , 15, 20	2.7	122
195	Contrasting resource-dependent responses of hoverfly richness and density to landscape structure. <i>Basic and Applied Ecology</i> , 2009 , 10, 178-186	3.2	121
194	Advances in pollination ecology from tropical plantation crops. <i>Ecology</i> , 2008 , 89, 935-43	4.6	121
193	Effects of below- and above-ground herbivores on plant growth, flower visitation and seed set. <i>Oecologia</i> , 2003 , 135, 601-5	2.9	120
192	Contribution of insect pollinators to crop yield and quality varies with agricultural intensification. <i>PeerJ</i> , 2014 , 2, e328	3.1	116
191	Rain forest promotes trophic interactions and diversity of trap-nesting Hymenoptera in adjacent agroforestry. <i>Journal of Animal Ecology</i> , 2006 , 75, 315-23	4.7	116
190	Landscape context affects trap-nesting bees, wasps, and their natural enemies. <i>Ecological Entomology</i> , 2002 , 27, 631-637	2.1	116
189	Bee pollination and fruit set of <i>Coffea arabica</i> and <i>C. canephora</i> (Rubiaceae). <i>American Journal of Botany</i> , 2003 , 90, 153-7	2.7	115
188	Genetic diversity and mass resources promote colony size and forager densities of a social bee (<i>Bombus pascuorum</i>) in agricultural landscapes. <i>Molecular Ecology</i> , 2007 , 16, 1167-78	5.7	114
187	Landscape context and habitat type as drivers of bee diversity in European annual crops. <i>Agriculture, Ecosystems and Environment</i> , 2009 , 133, 40-47	5.7	112
186	Assessing bee species richness in two Mediterranean communities: importance of habitat type and sampling techniques. <i>Ecological Research</i> , 2011 , 26, 969-983	1.9	105

185	EDITORS CHOICE: REVIEW: Trait matching of flower visitors and crops predicts fruit set better than trait diversity. <i>Journal of Applied Ecology</i> , 2015 , 52, 1436-1444	5.8	102
184	Caveats to quantifying ecosystem services: fruit abortion blurs benefits from crop pollination 2007 , 17, 1841-9		102
183	The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. <i>Ecology and Evolution</i> , 2017 , 7, 145-188	2.8	101
182	Alpha and beta diversity of plants and animals along a tropical land-use gradient 2009 , 19, 2142-56		90
181	The interplay of pollinator diversity, pollination services and landscape change. <i>Journal of Applied Ecology</i> , 2007 , 45, 737-741	5.8	89
180	Effects of decomposers and herbivores on plant performance and aboveground plant-insect interactions. <i>Oikos</i> , 2005 , 108, 503-510	4	89
179	Local species immigration, extinction, and turnover of butterflies in relation to habitat area and habitat isolation. <i>Oecologia</i> , 2003 , 137, 591-602	2.9	88
178	Locally rare species influence grassland ecosystem multifunctionality. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	88
177	Foraging trip duration of bumblebees in relation to landscape-wide resource availability. <i>Ecological Entomology</i> , 2006 , 31, 389-394	2.1	82
176	Landscape composition and configuration differently affect trap-nesting bees, wasps and their antagonists. <i>Biological Conservation</i> , 2014 , 172, 56-64	6.2	77
175	Predator-prey ratios on cocoa along a land-use gradient in Indonesia. <i>Biodiversity and Conservation</i> , 2002 , 11, 683-693	3.4	77
174	Landscape-level crop diversity benefits biological pest control. <i>Journal of Applied Ecology</i> , 2018 , 55, 2419-2428	5.8	75
173	Early mass-flowering crops mitigate pollinator dilution in late-flowering crops. <i>Landscape Ecology</i> , 2014 , 29, 425-435	4.3	74
172	Decreased functional diversity and biological pest control in conventional compared to organic crop fields. <i>PLoS ONE</i> , 2011 , 6, e19502	3.7	73
171	Scale-dependent effects of landscape composition and configuration on natural enemy diversity, crop herbivory, and yields 2016 , 26, 448-62		72
170	Spatiotemporal changes of beetle communities across a tree diversity gradient. <i>Diversity and Distributions</i> , 2009 , 15, 660-670	5	71
169	Habitat specialization, body size, and family identity explain lepidopteran density-area relationships in a cross-continental comparison. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 8368-73	11.5	70
168	The landscape matrix modifies the effect of habitat fragmentation in grassland butterflies. <i>Landscape Ecology</i> , 2012 , 27, 121-131	4.3	69

167	Sapling herbivory, invertebrate herbivores and predators across a natural tree diversity gradient in Germany's largest connected deciduous forest. <i>Oecologia</i> , 2009 , 160, 279-88	2.9	69
166	Combined effects of <i>Impatiens glandulifera</i> invasion and landscape structure on native plant pollination. <i>Journal of Ecology</i> , 2010 , 98, 440-450	6	68
165	The contribution of cacao agroforests to the conservation of lower canopy ant and beetle diversity in Indonesia. <i>Biodiversity and Conservation</i> , 2007 , 16, 2429-2444	3.4	68
164	Canopy vs. understory: Does tree diversity affect bee and wasp communities and their natural enemies across forest strata?. <i>Forest Ecology and Management</i> , 2009 , 258, 609-615	3.9	67
163	Season and landscape composition affect pollen foraging distances and habitat use of honey bees 2016 , 26, 1920-1929		67
162	Density of insect-pollinated grassland plants decreases with increasing surrounding land-use intensity. <i>Ecology Letters</i> , 2014 , 17, 1168-77	10	66
161	Habitat area but not habitat age determines wild bee richness in limestone quarries. <i>Journal of Applied Ecology</i> , 2009 , 46, 194-202	5.8	66
160	Trait-specific responses of wild bee communities to landscape composition, configuration and local factors. <i>PLoS ONE</i> , 2014 , 9, e104439	3.7	65
159	Complementary ecosystem services provided by pest predators and pollinators increase quantity and quality of coffee yields. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20133148	4.4	64
158	Grass strip corridors in agricultural landscapes enhance nest-site colonization by solitary wasps 2009 , 19, 123-32		64
157	Bird diversity and seed dispersal along a human land-use gradient: high seed removal in structurally simple farmland. <i>Oecologia</i> , 2010 , 162, 965-76	2.9	64
156	Foraging trip duration and density of megachilid bees, eumenid wasps and pompilid wasps in tropical agroforestry systems. <i>Journal of Animal Ecology</i> , 2004 , 73, 517-525	4.7	64
155	Shade tree management affects fruit abortion, insect pests and pathogens of cacao. <i>Agriculture, Ecosystems and Environment</i> , 2007 , 120, 201-205	5.7	63
154	Landscape occupancy and local population size depends on host plant distribution in the butterfly <i>Cupido minimus</i> . <i>Biological Conservation</i> , 2004 , 120, 355-361	6.2	63
153	Annual dynamics of wild bee densities: attractiveness and productivity effects of oilseed rape. <i>Ecology</i> , 2015 , 96, 1351-60	4.6	62
152	Interannual landscape changes influence plant-herbivore-parasitoid interactions. <i>Agriculture, Ecosystems and Environment</i> , 2008 , 125, 266-268	5.7	62
151	Predicting bee community responses to land-use changes: Effects of geographic and taxonomic biases. <i>Scientific Reports</i> , 2016 , 6, 31153	4.9	61
150	Effects of habitat management on vegetation and above-ground nesting bees and wasps of orchard meadows in Central Europe. <i>Biodiversity and Conservation</i> , 2003 , 12, 1953-1968	3.4	61

149	Honey bee foraging ecology: Season but not landscape diversity shapes the amount and diversity of collected pollen. <i>PLoS ONE</i> , 2017 , 12, e0183716	3.7	60
148	Linking life history traits to pollinator loss in fragmented calcareous grasslands. <i>Landscape Ecology</i> , 2013 , 28, 107-120	4.3	58
147	Relative importance of resource quantity, isolation and habitat quality for landscape distribution of a monophagous butterfly. <i>Ecography</i> , 2005 , 28, 465-474	6.5	58
146	Deadwood enrichment in European forests – Which tree species should be used to promote saproxylic beetle diversity?. <i>Biological Conservation</i> , 2016 , 201, 92-102	6.2	55
145	Seed set of male-sterile and male-fertile oilseed rape (<i>Brassica napus</i>) in relation to pollinator density. <i>Apidologie</i> , 2003 , 34, 227-235	2.3	55
144	The invasive Yellow Crazy Ant and the decline of forest ant diversity in Indonesian cacao agroforests. <i>Biological Invasions</i> , 2008 , 10, 1399-1409	2.7	54
143	Temperature versus resource constraints: which factors determine bee diversity on Mount Kilimanjaro, Tanzania?. <i>Global Ecology and Biogeography</i> , 2015 , 24, 642-652	6.1	52
142	Effects of habitat fragmentation on the genetic structure of the monophagous butterfly <i>Polyommatus coridon</i> along its northern range margin. <i>Molecular Ecology</i> , 2004 , 13, 311-20	5.7	52
141	The Conservation of Native Honey Bees Is Crucial. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 789-798	10.9	51
140	Developing European conservation and mitigation tools for pollination services: approaches of the STEP (Status and Trends of European Pollinators) project. <i>Journal of Apicultural Research</i> , 2011 , 50, 152-164	2.64	49
139	CONTRIBUTION OF SMALL HABITAT FRAGMENTS TO CONSERVATION OF INSECT COMMUNITIES OF GRASSLAND-AGROPLAND LANDSCAPES* 2002 , 12, 354-363		49
138	Securing the Conservation of Biodiversity across Administrative Levels and Spatial, Temporal, and Ecological Scales – Research Needs and Approaches of the SCALES Project. <i>Gaia</i> , 2010 , 19, 187-193	1.4	47
137	The Contribution of Tropical Secondary Forest Fragments to the Conservation of Fruit-feeding Butterflies: Effects of Isolation and Age. <i>Biodiversity and Conservation</i> , 2005 , 14, 3577-3592	3.4	47
136	Past and potential future effects of habitat fragmentation on structure and stability of plant-pollinator and host-parasitoid networks. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1408-1417	12.3	46
135	Biological pest control and yields depend on spatial and temporal crop cover dynamics. <i>Journal of Applied Ecology</i> , 2015 , 52, 1283-1292	5.8	46
134	Adaptation of Circadian Neuronal Network to Photoperiod in High-Latitude European <i>Drosophilids</i> . <i>Current Biology</i> , 2017 , 27, 833-839	6.3	44
133	Combined effects of agrochemicals and ecosystem services on crop yield across Europe. <i>Ecology Letters</i> , 2017 , 20, 1427-1436	10	44
132	Tree diversity drives abundance and spatiotemporal diversity of true bugs (Heteroptera). <i>Ecological Entomology</i> , 2009 , 34, 772-782	2.1	43

131	Honey bee risk assessment: new approaches for in vitro larvae rearing and data analyses. <i>Methods in Ecology and Evolution</i> , 2011 , 2, 509-517	7.7	42
130	Forest management and regional tree composition drive the host preference of saproxylic beetle communities. <i>Journal of Applied Ecology</i> , 2015 , 52, 753-762	5.8	39
129	Relative contribution of agroforestry, rainforest and openland to local and regional bee diversity. <i>Biodiversity and Conservation</i> , 2010 , 19, 2189-2200	3.4	39
128	Understanding extinction debts: spatio-temporal scales, mechanisms and a roadmap for future research. <i>Ecography</i> , 2019 , 42, 1973-1990	6.5	38
127	Complementarity among natural enemies enhances pest suppression. <i>Scientific Reports</i> , 2017 , 7, 8172	4.9	37
126	Can joint carbon and biodiversity management in tropical agroforestry landscapes be optimized?. <i>PLoS ONE</i> , 2012 , 7, e47192	3.7	36
125	Testing pollen of single and stacked insect-resistant Bt-maize on in vitro reared honey bee larvae. <i>PLoS ONE</i> , 2011 , 6, e28174	3.7	36
124	Floral trait expression and plant fitness in response to below- and aboveground plant-animal interactions. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2005 , 7, 77-83	3	36
123	Landscape heterogeneity rather than crop diversity mediates bird diversity in agricultural landscapes. <i>PLoS ONE</i> , 2018 , 13, e0200438	3.7	35
122	Agri-environmental schemes promote ground-dwelling predators in adjacent oilseed rape fields: Diversity, species traits and distance-decay functions. <i>Journal of Applied Ecology</i> , 2019 , 56, 10-20	5.8	34
121	Integrating intraspecific variation in community ecology unifies theories on body size shifts along climatic gradients. <i>Functional Ecology</i> , 2017 , 31, 768-777	5.6	34
120	Spillover from adjacent crop and forest habitats shapes carabid beetle assemblages in fragmented semi-natural grasslands. <i>Oecologia</i> , 2016 , 182, 1141-1150	2.9	34
119	Phenological response of grassland species to manipulative snowmelt and drought along an altitudinal gradient. <i>Journal of Experimental Botany</i> , 2013 , 64, 241-51	7	33
118	Cost-effectiveness of plant and animal biodiversity indicators in tropical forest and agroforest habitats. <i>Journal of Applied Ecology</i> , 2011 , 48, 330-339	5.8	32
117	Plant and animal functional diversity drive mutualistic network assembly across an elevational gradient. <i>Nature Communications</i> , 2018 , 9, 3177	17.4	31
116	Species richness and trait composition of butterfly assemblages change along an altitudinal gradient. <i>Oecologia</i> , 2014 , 175, 613-23	2.9	31
115	Effect of stacked insecticidal Cry proteins from maize pollen on nurse bees (<i>Apis mellifera carnica</i>) and their gut bacteria. <i>PLoS ONE</i> , 2013 , 8, e59589	3.7	31
114	Morphological traits are linked to the cold performance and distribution of bees along elevational gradients. <i>Journal of Biogeography</i> , 2016 , 43, 2040-2049	4.1	31

113	Interactive effects of habitat fragmentation and microclimate on trap-nesting Hymenoptera and their trophic interactions in small secondary rainforest remnants. <i>Biodiversity and Conservation</i> , 2015 , 24, 563-577	3.4	30
112	Influence of habitat complexity and landscape configuration on pollination and seed-dispersal interactions of wild cherry trees. <i>Oecologia</i> , 2012 , 168, 425-37	2.9	30
111	Honey bee waggle dance communication increases diversity of pollen diets in intensively managed agricultural landscapes. <i>Molecular Ecology</i> , 2019 , 28, 3602-3611	5.7	28
110	Interactive effects of elevation, species richness and extreme climatic events on plant-pollinator networks. <i>Global Change Biology</i> , 2015 , 21, 4086-97	11.4	28
109	Maize pollen foraging by honey bees in relation to crop area and landscape context. <i>Basic and Applied Ecology</i> , 2014 , 15, 677-684	3.2	28
108	Pest control of aphids depends on landscape complexity and natural enemy interactions. <i>PeerJ</i> , 2015 , 3, e1095	3.1	27
107	Diverse microbiota identified in whole intact nest chambers of the red mason bee <i>Osmia bicornis</i> (Linnaeus 1758). <i>PLoS ONE</i> , 2013 , 8, e78296	3.7	27
106	Managing trap-nesting bees as crop pollinators: Spatiotemporal effects of floral resources and antagonists. <i>Journal of Applied Ecology</i> , 2018 , 55, 195-204	5.8	26
105	Towards the development of general rules describing landscape heterogeneityâmultifunctionality relationships. <i>Journal of Applied Ecology</i> , 2019 , 56, 168-179	5.8	26
104	Contrasting effects of habitat area and connectivity on evenness of pollinator communities. <i>Ecography</i> , 2014 , 37, 544-551	6.5	26
103	Effects of multiple Bt proteins and GNA lectin on in vitro-reared honey bee larvae. <i>Apidologie</i> , 2012 , 43, 549-560	2.3	26
102	Trophic level, successional age and trait matching determine specialization of deadwood-based interaction networks of saproxylic beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	25
101	Ecology: honey bee foraging in human-modified landscapes. <i>Current Biology</i> , 2014 , 24, R524-6	6.3	25
100	Predation rates on semi-natural grasslands depend on adjacent habitat type. <i>Basic and Applied Ecology</i> , 2013 , 14, 614-621	3.2	25
99	Contrasting Effects of Extreme Drought and Snowmelt Patterns on Mountain Plants along an Elevation Gradient. <i>Frontiers in Plant Science</i> , 2017 , 8, 1478	6.2	25
98	Bacterial community structure and succession in nests of two megachilid bee genera. <i>FEMS Microbiology Ecology</i> , 2019 , 95,	4.3	25
97	Drivers, Diversity, and Functions of the Solitary-Bee Microbiota. <i>Trends in Microbiology</i> , 2019 , 27, 1034-1044	4.4	24
96	Size, age and surrounding semi-natural habitats modulate the effectiveness of flower-rich agri-environment schemes to promote pollinator visitation in crop fields. <i>Agriculture, Ecosystems and Environment</i> , 2019 , 284, 106590	5.7	23

95	Pollinator community responses to the spatial population structure of wild plants: A pan-European approach. <i>Basic and Applied Ecology</i> , 2012 , 13, 489-499	3.2	23
94	Variation in nutrient use in ant assemblages along an extensive elevational gradient on Mt Kilimanjaro. <i>Journal of Biogeography</i> , 2014 , 41, 2245-2255	4.1	21
93	Contribution of Small Habitat Fragments to Conservation of Insect Communities of Grassland-Cropland Landscapes 2002 , 12, 354		21
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