Wolfgang W Weisser

List of Publications by Year
in descending order

365 papers	27,806 citations	5891 81 h-index	8852 145 g-index
378 all docs	378 docs citations	378 times ranked	23549 citing authors

#	Article	IF	Citations
1	Tracking the temporal dynamics of insect defoliation by highâ€resolution radar satellite data. Methods in Ecology and Evolution, 2022, 13, 121-132.	2.2	15
2	Temperature drives variation in flying insect biomass across a German malaise trap network. Insect Conservation and Diversity, 2022, 15, 168-180.	1.4	26
3	Present and historical landscape structure shapes current species richness in Central European grasslands. Landscape Ecology, 2022, 37, 745-762.	1.9	9
4	Metabarcoding of canopy arthropods reveals negative impacts of forestry insecticides on community structure across multiple taxa. Journal of Applied Ecology, 2022, 59, 997-1012.	1.9	7
5	Assessment of defoliation and subsequent growth losses caused by Lymantria dispar using terrestrial laser scanning (TLS). Trees - Structure and Function, 2022, 36, 819-834.	0.9	6
6	Data from public and governmental databases show that a large proportion of the regional animal species pool occur in cities in Germany. Journal of Urban Ecology, 2022, 8, .	0.6	7
7	What makes a good bat box? How box occupancy depends on box characteristics and landscapeâ€level variables. Ecological Solutions and Evidence, 2022, 3, .	0.8	2
8	Functional structure of European forest beetle communities is enhanced by rare species. Biological Conservation, 2022, 267, 109491.	1.9	16
9	Disentangling the importance of space and host tree for the beta-diversity of beetles, fungi, and bacteria: Lessons from a large dead-wood experiment. Biological Conservation, 2022, 268, 109521.	1.9	5
10	Unravelling insect declines: can space replace time?. Biology Letters, 2022, 18, 20210666.	1.0	27
11	Distance decay 2.0 â€“ A global synthesis of taxonomic and functional turnover in ecological communities. Global Ecology and Biogeography, 2022, 31, 1399-1421.	2.7	40
12	Emission of CO₂ and CH₄ From 13 Deadwood Tree Species Is Linked to Tree Species Identity and Management Intensity in Forest and Grassland Habitats. Global Biogeochemical Cycles, 2022, 36, .	1.9	9
13	COVIDâ€19 lockdown measures impacted citizen science hedgehog observation numbers in Bavaria, Germany. Ecology and Evolution, 2022, 12, .	0.8	1
14	Ecotrons: Powerful and versatile ecosystem analysers for ecology, agronomy and environmental science. Global Change Biology, 2021, 27, 1387-1407.	4.2	32
15	Dispersal ability, trophic position and body size mediate species turnover processes: Insights from a multiâ€taxa and multiâ€scale approach. Diversity and Distributions, 2021, 27, 439-453.	1.9	8
16	Animal-Mediated Ecosystem Process Rates in Forests and Grasslands are Affected by Climatic Conditions and Land-Use Intensity. Ecosystems, 2021, 24, 467-483.	1.6	5
17	Insights from regional and shortâ€term biodiversity monitoring datasets are valuable: a reply to Daskalova et al. 2021. Insect Conservation and Diversity, 2021, 14, 144-148.	1.4	22
18	Narrow environmental niches predict land-use responses and vulnerability of land snail assemblages. Bmc Ecology and Evolution, 2021, 21, 15.	0.7	6

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19	Aphid alarm pheromone alters larval behaviour of the predatory gall midge, Aphidoletes aphidimyza and decreases intraguild predation by anthocorid bug, Orius laevigatus. Bulletin of Entomological Research, 2021, 111, 445-453.	0.5	4
20	The Efficiency of Plant Defense: Aphid Pest Pressure Does Not Alter Production of Food Rewards by Okra Plants in Ant Presence. Frontiers in Plant Science, 2021, 12, 627570.	1.7	1
21	Side Effects of Insecticides on Leafâ€Miners and Gallâ€Inducers Depend on Species Ecological Traits and Competition with Leafâ€Chewers. Environmental Toxicology and Chemistry, 2021, 40, 1171-1187.	2.2	3
22	Conservation biology: four decades of problem- and solution-based research. Perspectives in Ecology and Conservation, 2021, 19, 121-130.	1.0	12
23	Changes in plant-herbivore network structure and robustness along land-use intensity gradients in grasslands and forests. Science Advances, 2021, 7, .	4.7	27
24	Contrasting responses of above- and belowground diversity to multiple components of land-use intensity. Nature Communications, 2021, 12, 3918.	5.8	81
25	Among stand heterogeneity is key for biodiversity in managed beech forests but does not question the value of unmanaged forests: Response to Bruun and Heilmannâ€Clausen (2021). Journal of Applied Ecology, 2021, 58, 1817-1826.	1.9	8
26	Biodiversity in European agricultural landscapes: transformative societal changes needed. Trends in Ecology and Evolution, 2021, 36, 1067-1070.	4.2	29
27	The contribution of insects to global forest deadwood decomposition. Nature, 2021, 597, 77-81.	13.7	123
28	Shifting tree species composition affects biodiversity of multiple taxa in Central European forests. Forest Ecology and Management, 2021, 498, 119552.	1.4	22
29	Relative impacts of gypsy moth outbreaks and insecticide treatments on forest resources and ecosystems: An experimental approach. Ecological Solutions and Evidence, 2021, 2, e12045.	0.8	13
30	National Forest Inventories capture the multifunctionality of managed forests in Germany. Forest Ecosystems, 2021, 8, .	1.3	16
31	Traits mediate niches and coâ€occurrences of forest beetles in ways that differ among bioclimatic regions. Journal of Biogeography, 2021, 48, 3145-3157.	1.4	16
32	Passive restoration of subtropical grasslands leads to incomplete recovery of ant communities in early successional stages. Biological Conservation, 2021, 264, 109387.	1.9	4
33	Effect of flower identity and diversity on reducing aphid populations via natural enemy communities. Ecology and Evolution, 2021, 11, 18434-18445.	0.8	10
34	Inferring competitive outcomes, ranks and intransitivity from empirical data: A comparison of different methods. Methods in Ecology and Evolution, 2020, 11, 117-128.	2.2	8
35	Direct and indirect effects of forest management on tree-hole inhabiting aquatic organisms and their functional traits. Science of the Total Environment, 2020, 704, 135418.	3.9	9
36	Escape from natural enemies depends on the enemies, the invader, and competition. Ecology and Evolution, 2020, 10, 10818-10828.	0.8	8

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37	Land-use intensity alters networks between biodiversity, ecosystem functions, and services. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28140-28149.	3.3	164
38	Microbial-Mediated Plant Growth Promotion and Pest Suppression Varies Under Climate Change. Frontiers in Plant Science, 2020, 11, 573578.	1.7	21
39	Plant traits alone are poor predictors of ecosystem properties and long-term ecosystem functioning. Nature Ecology and Evolution, 2020, 4, 1602-1611.	3.4	114
40	Integrating agroecological production in a robust post-2020 Global Biodiversity Framework. Nature Ecology and Evolution, 2020, 4, 1150-1152.	3.4	54
41	Heterogeneityâ€“diversity relationships differ between and within trophic levels in temperate forests. Nature Ecology and Evolution, 2020, 4, 1204-1212.	3.4	76
42	Restorationâ€oriented forest management affects community assembly patterns of deadwoodâ€dependent organisms. Journal of Applied Ecology, 2020, 57, 2429-2440.	1.9	17
43	The results of biodiversityâ€“ecosystem functioning experiments are realistic. Nature Ecology and Evolution, 2020, 4, 1485-1494.	3.4	93
44	Under fire-simultaneous volatilome and transcriptome analysis unravels fine-scale responses of tansy chemotypes to dual herbivore attack. BMC Plant Biology, 2020, 20, 551.	1.6	12
45	Biodiversity enhances the multitrophic control of arthropod herbivory. Science Advances, 2020, 6, .	4.7	68
46	Agriculture intensification reduces plant taxonomic and functional diversity across European arable systems. Functional Ecology, 2020, 34, 1448-1460.	1.7	39
47	Biodiversity increases multitrophic energy use efficiency, flow and storage in grasslands. Nature Ecology and Evolution, 2020, 4, 393-405.	3.4	45
48	Formerly managed forest reserves complement integrative management for biodiversity conservation in temperate European forests. Biological Conservation, 2020, 242, 108437.	1.9	18
49	On the functional relationship between biodiversity and economic value. Science Advances, 2020, 6, eaax7712.	4.7	47
50	Contrasting effects of plant diversity on Î²â€•and Î³â€diversity of grassland invertebrates. Ecology, 2020, 101, e03057.	1.5	6
51	Can multiâ€taxa diversity in European beech forest landscapes be increased by combining different management systems?. Journal of Applied Ecology, 2020, 57, 1363-1375.	1.9	38
52	Designing wildlife-inclusive cities that support human-animal co-existence. Landscape and Urban Planning, 2020, 200, 103817.	3.4	83
53	Towards the development of general rules describing landscape heterogeneityâ€“multifunctionality relationships. Journal of Applied Ecology, 2019, 56, 168-179.	1.9	42
54	Cross-scale effects of land use on the functional composition of herbivorous insect communities. Landscape Ecology, 2019, 34, 2001-2015.	1.9	16

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55	Mapping change in biodiversity and ecosystem function research: food webs foster integration of experiments and science policy. Advances in Ecological Research, 2019, , 297-322.	1.4	16
56	A multitrophic perspective on biodiversityâ€“ecosystem functioning research. Advances in Ecological Research, 2019, 61, 1-54.	1.4	95
57	Radar vision in the mapping of forest biodiversity from space. Nature Communications, 2019, 10, 4757.	5.8	66
58	Assessing Insecticide Effects in Forests: A Tree-Level Approach Using Unmanned Aerial Vehicles. Journal of Economic Entomology, 2019, 112, 2686-2694.	0.8	9
59	Effects of management on ambrosia beetles and their antagonists in European beech forests. Forest Ecology and Management, 2019, 437, 126-133.	1.4	17
60	Effects of forest management on herbivorous insects in temperate Europe. Forest Ecology and Management, 2019, 437, 232-245.	1.4	38
61	Landâ€use in Europe affects land snail assemblages directly and indirectly by modulating abiotic and biotic drivers. Ecosphere, 2019, 10, e02726.	1.0	3
62	Effect of plant chemical variation and mutualistic ants on the local population genetic structure of an aphid herbivore. Journal of Animal Ecology, 2019, 88, 1089-1099.	1.3	15
63	Plant diversity alters the representation of motifs in food webs. Nature Communications, 2019, 10, 1226.	5.8	41
64	A meta food web for invertebrate species collected in a European grassland. Ecology, 2019, 100, e02679.	1.5	13
65	Multiple plant diversity components drive consumer communities across ecosystems. Nature Communications, 2019, 10, 1460.	5.8	139
66	Plant volatile emission depends on the species composition of the neighboring plant community. BMC Plant Biology, 2019, 19, 58.	1.6	75
67	A Conceptual Framework for Choosing Target Species for Wildlife-Inclusive Urban Design. Sustainability, 2019, 11, 6972.	1.6	19
68	Arthropod decline in grasslands and forests is associated with landscape-level drivers. Nature, 2019, 574, 671-674.	13.7	760
69	Decadal effects of landscapeâ€wide enrichment of dead wood on saproxylic organisms in beech forests of different historic management intensity. Diversity and Distributions, 2019, 25, 430-441.	1.9	23
70	Land-use components, abundance of predatory arthropods, and vegetation height affect predation rates in grasslands. Agriculture, Ecosystems and Environment, 2019, 270-271, 84-92.	2.5	27
71	Specialisation and diversity of multiple trophic groups are promoted by different forest features. Ecology Letters, 2019, 22, 170-180.	3.0	92
72	Additive effects of plant chemotype, mutualistic ants and predators on aphid performance and survival. Functional Ecology, 2019, 33, 139-151.	1.7	11

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73	Eleven yearsâ€™ data of grassland management in Germany. Biodiversity Data Journal, 2019, 7, e36387.	0.4	32
74	Minimal effects on genetic structuring of a fungusâ€dwelling saproxylic beetle after recolonisation of a restored forest. Journal of Applied Ecology, 2018, 55, 2933-2943.	1.9	7
75	Coexistence through mutualistâ€dependent reversal of competitive hierarchies. Ecology and Evolution, 2018, 8, 1247-1259.	0.8	7
76	Plant diversity induces shifts in the functional structure and diversity across trophic levels. Oikos, 2018, 127, 208-219.	1.2	48
77	Plant diversity effects on arthropods and arthropod-dependent ecosystem functions in a biodiversity experiment. Basic and Applied Ecology, 2018, 26, 50-63.	1.2	84
78	The impact of evenâ€aged and unevenâ€aged forest management on regional biodiversity of multiple taxa in European beech forests. Journal of Applied Ecology, 2018, 55, 267-278.	1.9	188
79	Multiple forest attributes underpin the supply of multiple ecosystem services. Nature Communications, 2018, 9, 4839.	5.8	182
80	Determinants of Deadwood-Inhabiting Fungal Communities in Temperate Forests: Molecular Evidence From a Large Scale Deadwood Decomposition Experiment. Frontiers in Microbiology, 2018, 9, 2120.	1.5	43
81	Deadwood enrichment combining integrative and segregative conservation elements enhances biodiversity of multiple taxa in managed forests. Biological Conservation, 2018, 228, 70-78.	1.9	33
82	Rice ecosystem services in South-east Asia. Paddy and Water Environment, 2018, 16, 211-224.	1.0	20
83	Effect of forest management on temperate ant communities. Ecosphere, 2018, 9, e02303.	1.0	28
84	Metabotype variation in a field population of tansy plants influences aphid host selection. Plant, Cell and Environment, 2018, 41, 2791-2805.	2.8	30
85	The role of nurse successional stages on speciesâ€specific facilitation in drylands: Nurse traits and facilitation skills. Ecology and Evolution, 2018, 8, 5173-5184.	0.8	22
86	Connecting experimental biodiversity research to real-world grasslands. Perspectives in Plant Ecology, Evolution and Systematics, 2018, 33, 78-88.	1.1	15
87	Biodiversityâ€“multifunctionality relationships depend on identity and number of measured functions. Nature Ecology and Evolution, 2018, 2, 44-49.	3.4	155
88	More topics from the tropics: additional thoughts to Mammides et al.. Biodiversity and Conservation, 2017, 26, 237-241.	1.2	9
89	Landâ€use type and intensity differentially filter traits in aboveâ€and belowâ€ground arthropod communities. Journal of Animal Ecology, 2017, 86, 511-520.	1.3	62
90	Wood decay rates of 13 temperate tree species in relation to wood properties, enzyme activities and organismic diversities. Forest Ecology and Management, 2017, 391, 86-95.	1.4	151

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91	When do people take action? The importance of peopleâ€™s observation that nature is changing for pro-environmental behavior within the field of impersonal, environmental risk. Journal of Integrative Environmental Sciences, 2017, 14, 1-18.	1.0	5
92	A global synthesis of the effects of diversified farming systems on arthropod diversity within fields and across agricultural landscapes. Global Change Biology, 2017, 23, 4946-4957.	4.2	259
93	Trophic level, successional age and trait matching determine specialization of deadwood-based interaction networks of saproxylic beetles. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170198.	1.2	40
94	Pitfall trap sampling bias depends on body mass, temperature, and trap number: insights from an individualâ€based model. Ecosphere, 2017, 8, e01790.	1.0	41
95	Reduce pests, enhance production: benefits of intercropping at high densities for okra farmers in Cameroon. Pest Management Science, 2017, 73, 2017-2027.	1.7	26
96	Plant species richness sustains higher trophic levels of soil nematode communities after consecutive environmental perturbations. Oecologia, 2017, 184, 715-728.	0.9	41
97	Habitat variation, mutualism and predation shape the spatioâ€temporal dynamics of tansy aphids. Ecological Entomology, 2017, 42, 389-401.	1.1	18
98	Does plant phylogenetic diversity increase invertebrate herbivory in managed grasslands?. Basic and Applied Ecology, 2017, 20, 40-50.	1.2	13
99	Contrasting effects of grassland management modes on species-abundance distributions of multiple groups. Agriculture, Ecosystems and Environment, 2017, 237, 143-153.	2.5	26
100	Habitat availability drives the distributionâ€“abundance relationship in phytophagous true bugs in managed grasslands. Ecology, 2017, 98, 2561-2573.	1.5	4
101	Consistent increase in herbivory along two experimental plant diversity gradients over multiple years. Ecosphere, 2017, 8, e01876.	1.0	26
102	Historical and recent land use affects ecosystem functions in subtropical grasslands in Brazil. Ecosphere, 2017, 8, e02032.	1.0	22
103	Agricultural intensification without biodiversity loss is possible in grassland landscapes. Nature Ecology and Evolution, 2017, 1, 1136-1145.	3.4	24
104	Biodiversity effects on ecosystem functioning in a 15-year grassland experiment: Patterns, mechanisms, and open questions. Basic and Applied Ecology, 2017, 23, 1-73.	1.2	307
105	Success of a deadwood enrichment strategy in production forests depends on stand type and management intensity. Forest Ecology and Management, 2017, 400, 607-620.	1.4	46
106	Plants are less negatively affected by flooding when growing in speciesâ€rich plant communities. New Phytologist, 2017, 213, 645-656.	3.5	79
107	Plant diversity increases predation by groundâ€dwelling invertebrate predators. Ecosphere, 2017, 8, e01990.	1.0	32
108	Plant diversity has contrasting effects on herbivore and parasitoid abundance in Centaurea jacea flower heads. Ecology and Evolution, 2017, 7, 9319-9332.	0.8	11

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109	Functional trait dissimilarity drives both species complementarity and competitive disparity. Functional Ecology, 2017, 31, 2320-2329.	1.7	48
110	Quantifying Relationships between Biodiversity and Ecosystem Function with Experiments. , 2017, , 119-136.		0
111	Multiâ€taxa approach shows consistent shifts in arthropod functional traits along grassland landâ€use intensity gradient. Ecology, 2016, 97, 754-764.	1.5	59
112	High Survival of Lasius niger during Summer Flooding in a European Grassland. PLoS ONE, 2016, 11, e0152777.	1.1	5
113	Forest Management Intensity Affects Aquatic Communities in Artificial Tree Holes. PLoS ONE, 2016, 11, e0155549.	1.1	8
114	Facilitation and sand burial affect plant survival during restoration of a tropical coastal sand dune degraded by tourist cars. Restoration Ecology, 2016, 24, 390-397.	1.4	35
115	Plant functional diversity increases grassland productivityâ€related water vapor fluxes: an Ecotron and modeling approach. Ecology, 2016, 97, 2044-2054.	1.5	25
116	Longâ€term effects of plant diversity and composition on plant stoichiometry. Oikos, 2016, 125, 613-621.	1.2	33
117	Land-use intensification causes multitrophic homogenization of grassland communities. Nature, 2016, 540, 266-269.	13.7	404
118	Chemotypic variation in terpenes emitted from storage pools influences early aphid colonisation on tansy. Scientific Reports, 2016, 6, 38087.	1.6	35
119	Effects of biodiversity strengthen over time as ecosystem functioning declines at low and increases at high biodiversity. Ecosphere, 2016, 7, e01619.	1.0	87
120	How Agricultural Intensification Affects Biodiversity and Ecosystem Services. Advances in Ecological Research, 2016, 55, 43-97.	1.4	234
121	Effects of management on aquatic treeâ€hole communities in temperate forests are mediated by detritus amount and water chemistry. Journal of Animal Ecology, 2016, 85, 213-226.	1.3	33
122	Effects of past and present land use on vegetation cover and regeneration in a tropical dryland forest. Journal of Arid Environments, 2016, 132, 26-33.	1.2	41
123	Locally rare species influence grassland ecosystem multifunctionality. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150269.	1.8	117
124	Plant species richness and functional traits affect community stability after a flood event. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150276.	1.8	56
125	Management intensity and temporary conversion to other landâ€use types affect plant diversity and species composition of subtropical grasslands in southern Brazil. Applied Vegetation Science, 2016, 19, 589-599.	0.9	39
126	Integrating ecosystem functions into restoration ecologyâ€"recent advances and future directions. Restoration Ecology, 2016, 24, 722-730.	1.4	140

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127	Is there any evidence that aphid alarm pheromones work as prey and host finding kairomones for natural enemies?. Ecological Entomology, 2016, 41, 1-12.	1.1	22
128	The natural occurrence of secondary bacterial symbionts in aphids. Ecological Entomology, 2016, 41, 13-26.	1.1	139
129	Is there hope for sustainable management of golden apple snails, a major invasive pest in irrigated rice?. Njas - Wageningen Journal of Life Sciences, 2016, 79, 11-21.	7.9	19
130	Biodiversity at multiple trophic levels is needed for ecosystem multifunctionality. Nature, 2016, 536, 456-459.	13.7	526
131	Deadwood enrichment in European forests â€“ Which tree species should be used to promote saproxylic beetle diversity?. Biological Conservation, 2016, 201, 92-102.	1.9	82
132	Losers, winners, and opportunists: How grassland landâ€use intensity affects orthopteran communities. Ecosphere, 2016, 7, e01545.	1.0	54
133	Butterfly community shifts over two centuries. Conservation Biology, 2016, 30, 754-762.	2.4	146
134	Plant diversity and functional groups affect Si and Ca pools in aboveground biomass of grassland systems. Oecologia, 2016, 182, 277-286.	0.9	32
135	Ant attendance of the cotton aphid is beneficial for okra plants: deciphering multitrophic interactions. Agricultural and Forest Entomology, 2016, 18, 270-279.	0.7	8
136	Secondary bacterial symbiont community in aphids responds to plant diversity. Oecologia, 2016, 180, 735-747.	0.9	49
137	Agricultural landscape simplification reduces natural pest control: A quantitative synthesis. Agriculture, Ecosystems and Environment, 2016, 221, 198-204.	2.5	393
138	Land use imperils plant and animal community stability through changes in asynchrony rather than diversity. Nature Communications, 2016, 7, 10697.	5.8	125
139	Intraspecific differences in plant chemotype determine the structure of arthropod food webs. Oecologia, 2016, 180, 797-807.	0.9	22
140	Searching for the Optimal Sampling Solution: Variation in Invertebrate Communities, Sample Condition and DNA Quality. PLoS ONE, 2016, 11, e0148247.	1.1	10
141	Experimental Manipulation of Grassland Plant Diversity Induces Complex Shifts in Aboveground Arthropod Diversity. PLoS ONE, 2016, 11, e0148768.	1.1	37
142	Multi-taxa approach shows consistent shifts in arthropod functional traits along grassland land-use intensity gradient. Ecology, 2016, , .	1.5	5
143	Multi-taxa approach shows consistent shifts in arthropod functional traits along grassland land-use intensity gradient. Ecology, 2016, 97, 754-64.	1.5	30
144	Conservation in Brazil needs to include nonâ€forest ecosystems. Diversity and Distributions, 2015, 21, 1455-1460.	1.9	273

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145	A summary of eight traits of Coleoptera, Hemiptera, Orthoptera and Araneae, occurring in grasslands in Germany. Scientific Data, 2015, 2, 150013.	2.4	46
146	Nature-based Solutions: New Influence for Environmental Management and Research in Europe. Gaia, 2015, 24, 243-248.	0.3	307
147	Intransitive competition is widespread in plant communities and maintains their species richness. Ecology Letters, 2015, 18, 790-798.	3.0	149
148	Living in Heterogeneous Woodlands â€“ Are Habitat Continuity or Quality Drivers of Genetic Variability in a Flightless Ground Beetle?. PLoS ONE, 2015, 10, e0144217.	1.1	10
149	Forest management and regional tree composition drive the host preference of saproxylic beetle communities. Journal of Applied Ecology, 2015, 52, 753-762.	1.9	56
150	Herbivore preference drives plant community composition. Ecology, 2015, 96, 2923-2934.	1.5	31
151	Experimental Evaluation of Herbivory on Live Plant Seedlings by the Earthworm Lumbricus terrestris L. in the Presence and Absence of Soil Surface Litter. PLoS ONE, 2015, 10, e0123465.	1.1	9
152	Towards a standardized Rapid Ecosystem Function Assessment (REFA). Trends in Ecology and Evolution, 2015, 30, 390-397.	4.2	98
153	Land use intensification alters ecosystem multifunctionality via loss of biodiversity and changes to functional composition. Ecology Letters, 2015, 18, 834-843.	3.0	578
154	Plant diversity effects on soil microbial functions and enzymes are stronger than warming in a grassland experiment. Ecology, 2015, 96, 99-112.	1.5	144
155	Real-world complexity of food security and biodiversity conservation. Biodiversity and Conservation, 2015, 24, 1531-1539.	1.2	15
156	Effects of landâ€use intensity on arthropod species abundance distributions in grasslands. Journal of Animal Ecology, 2015, 84, 143-154.	1.3	34
157	Landâ€use effects on the functional distinctness of arthropod communities. Ecography, 2015, 38, 889-900.	2.1	67
158	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.	1.2	467
159	Flooding disturbances increase resource availability and productivity but reduce stability in diverse plant communities. Nature Communications, 2015, 6, 6092.	5.8	116
160	Landscape complexity is not a major trigger of species richness and food web structure of European cereal aphid parasitoids. BioControl, 2015, 60, 451-461.	0.9	19
161	The aphid alarm pheromone (E)-Î²-farnesene does not act as a cue for predators searching on a plant. Chemoecology, 2015, 25, 105-113.	0.6	9
162	Grassland management intensification weakens the associations among the diversities of multiple plant and animal taxa. Ecology, 2015, 96, 1492-1501.	1.5	75

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163	Get the science right when paying for nature's services. Science, 2015, 347, 1206-1207.	6.0	206
164	Increase of fast nutrient cycling in grassland microcosms through insect herbivory depends on plant functional composition and species diversity. Oikos, 2015, 124, 161-173.	1.2	18
165	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.	1.2	11
166	Morphometric measures of Heteroptera sampled in grasslands across three regions of Germany. Ecology, 2015, 96, 1154-1154.	1.5	4
167	Does the Aphid Alarm Pheromone (E)-Î²-farnesene Act as a Kairomone under Field Conditions?. Journal of Chemical Ecology, 2015, 41, 267-275.	0.9	17
168	Landscape simplification filters species traits and drives biotic homogenization. Nature Communications, 2015, 6, 8568.	5.8	399
169	Beech forest management does not affect the infestation rate of the beech scaleCryptococcus fagisugaacross three regions in Germany. Agricultural and Forest Entomology, 2015, 17, 197-204.	0.7	3
170	Biodiversity increases the resistance of ecosystem productivity to climate extremes. Nature, 2015, 526, 574-577.	13.7	1,032
171	Towards an Integration of Biodiversityâ€“Ecosystem Functioning and Food Web Theory to Evaluate Relationships between Multiple Ecosystem Services. Advances in Ecological Research, 2015, , 161-199.	1.4	87
172	Ecological literacy and beyond: Problem-based learning for future professionals. Ambio, 2015, 44, 154-162.	2.8	50
173	Complex Effects of Fertilization on Plant and Herbivore Performance in the Presence of a Plant Competitor and Activated Carbon. PLoS ONE, 2014, 9, e103731.	1.1	8
174	Differential Responses of Herbivores and Herbivory to Management in Temperate European Beech. PLoS ONE, 2014, 9, e104876.	1.1	19
175	Insect attraction to herbivore-induced beech volatiles under different forest management regimes. Oecologia, 2014, 176, 569-580.	0.9	17
176	Interannual variation in land-use intensity enhances grassland multidiversity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 308-313.	3.3	243
177	Quantity and quality of dissolved organic carbon released from coarse woody debris of different tree species in the early phase of decomposition. Forest Ecology and Management, 2014, 329, 287-294.	1.4	52
178	Effects of habitat structure and land-use intensity on the genetic structure of the grasshopper species Chorthippus parallelus. Royal Society Open Science, 2014, 1, 140133.	1.1	4
179	Mechanisms of speciesâ€sorting: effect of habitat occupancy on aphids' host plant selection. Ecological Entomology, 2014, 39, 281-289.	1.1	20
180	Towards more equal footing in northâ€“south biodiversity research: European and sub-Saharan viewpoints. Biodiversity and Conservation, 2014, 23, 3143-3148.	1.2	15

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