Ben A Woodcock

List of Publications by Year
in descending order

99 papers	7,553 citations	70961 41 h-index	58464 82 g-index
102 all docs	102 docs citations	102 times ranked	9889 citing authors

#	Article	IF	Citations
1	Biodiversity and Resilience of Ecosystem Functions. Trends in Ecology and Evolution, 2015, 30, 673-684.	4.2	916
2	Country-specific effects of neonicotinoid pesticides on honey bees and wild bees. Science, 2017, 356, 1393-1395.	6.0	510
3	Widespread losses of pollinating insects in Britain. Nature Communications, 2019, 10, 1018.	5.8	415
4	Crop pests and predators exhibit inconsistent responses to surrounding landscape composition. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7863-E7870.	3.3	401
5	Functional traits as indicators of biodiversity response to land use changes across ecosystems and organisms. Biodiversity and Conservation, 2010, 19, 2921-2947.	1.2	385
6	Impacts of neonicotinoid use on long-term population changes in wild bees in England. Nature Communications, 2016, 7, 12459.	5.8	367
7	Declining resilience of ecosystem functions under biodiversity loss. Nature Communications, 2015, 6, 10122.	5.8	246
8	Wildlife-friendly farming increases crop yield: evidence for ecological intensification. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151740.	1.2	233
9	Research trends in ecosystem services provided by insects. Basic and Applied Ecology, 2018, 26, 8-23.	1.2	216
10	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
11	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
12	Enhancing pollinator biodiversity in intensive grasslands. Journal of Applied Ecology, 2009, 46, 369-379.	1.9	161
13	Meta-analysis reveals that pollinator functional diversity and abundance enhance crop pollination and yield. Nature Communications, 2019, 10, 1481.	5.8	150
14	Crop flower visitation by honeybees, bumblebees and solitary bees: Behavioural differences and diversity responses to landscape. Agriculture, Ecosystems and Environment, 2013, 171, 1-8.	2.5	123
15	Synchrony matters more than species richness in plant community stability at a global scale. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24345-24351.	3.3	113
16	Effect of land-use heterogeneity on carabid communities at the landscape scale. Ecography, 2005, 28, 3-16.	2.1	112
17	Impact of habitat type and landscape structure on biomass, species richness and functional diversity of ground beetles. Agriculture, Ecosystems and Environment, 2010, 139, 181-186.	2.5	109
18	Hay strewing, brush harvesting of seed and soil disturbance as tools for the enhancement of botanical diversity in grasslands. Biological Conservation, 2007, 134, 372-382.	1.9	104

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19	Can arable field margins be managed to enhance their biodiversity, conservation and functional value for soil macrofauna?. Journal of Applied Ecology, 2008, 45, 269-278.	1.9	101
20	Experimental verification of suction sampler capture efficiency in grasslands of differing vegetation height and structure. Journal of Applied Ecology, 2008, 45, 1357-1363.	1.9	97
21	Spill-over of pest control and pollination services into arable crops. Agriculture, Ecosystems and Environment, 2016, 231, 15-23.	2.5	86
22	Responses of invertebrate trophic level, feeding guild and body size to the management of improved grassland field margins. Journal of Applied Ecology, 2009, 46, 920-929.	1.9	84
23	Functional diversity positively affects prey suppression by invertebrate predators: a metaâ€analysis. Ecology, 2018, 99, 1771-1782.	1.5	81
24	Grazing management of calcareous grasslands and its implications for the conservation of beetle communities. Biological Conservation, 2005, 125, 193-202.	1.9	80
25	The importance of sward architectural complexity in structuring predatory and phytophagous invertebrate assemblages. Ecological Entomology, 2007, 32, 302-311.	1.1	78
26	Call to restrict neonicotinoids. Science, 2018, 360, 973-973.	6.0	77
27	Establishing field margins to promote beetle conservation in arable farms. Agriculture, Ecosystems and Environment, 2005, 107, 255-266.	2.5	75
28	Social and ecological drivers of success in agriâ€environment schemes: the roles of farmers and environmental context. Journal of Applied Ecology, 2015, 52, 696-705.	1.9	72
29	The potential of grass field margin management for enhancing beetle diversity in intensive livestock farms. Journal of Applied Ecology, 2006, 44, 60-69.	1.9	70
30	Enhancing floral resources for pollinators in productive agricultural grasslands. Biological Conservation, 2014, 171, 44-51.	1.9	70
31	National patterns of functional diversity and redundancy in predatory ground beetles and bees associated with key <scp>UK</scp> arable crops. Journal of Applied Ecology, 2014, 51, 142-151.	1.9	66
32	Grazing alters insect visitation networks and plant mating systems. Functional Ecology, 2014, 28, 178-189.	1.7	63
33	Aggregation, habitat quality and coexistence: a case study on carrion fly communities in slug cadavers. Journal of Animal Ecology, 2002, 71, 131-140.	1.3	58
34	Ecological restoration on farmland can drive beneficial functional responses in plant and invertebrate communities. Agriculture, Ecosystems and Environment, 2011, 140, 62-67.	2.5	56
35	Effects of vegetation structure and floristic diversity on detritivore, herbivore and predatory invertebrates within calcareous grasslands. Biodiversity and Conservation, 2010, 19, 81-95.	1.2	54
36	Science into practice â€" how can fundamental science contribute to better management of grasslands for invertebrates?. Insect Conservation and Diversity, 2012, 5, 1-8.	1.4	51

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37	Local management and landscape drivers of pollination and biological control services in a Kenyan agro-ecosystem. Biological Conservation, 2011, 144, 2424-2431.	1.9	49
38	Potential landscapeâ€scale pollinator networks across Great Britain: structure, stability and influence of agricultural land cover. Ecology Letters, 2018, 21, 1821-1832.	3.0	48
39	Trophic level modulates carabid beetle responses to habitat and landscape structure: a panâ€European study. Ecological Entomology, 2010, 35, 226-235.	1.1	47
40	Identifying time lags in the restoration of grassland butterfly communities: A multi-site assessment. Biological Conservation, 2012, 155, 50-58.	1.9	46
41	Network size, structure and mutualism dependence affect the propensity for plantâ€"pollinator extinction cascades. Functional Ecology, 2017, 31, 1285-1293.	1.7	45
42	The role of management and landscape context in the restoration of grassland phytophagous beetles. Journal of Applied Ecology, 2010, 47, 366-376.	1.9	44
43	Limiting factors in the restoration of UK grassland beetle assemblages. Biological Conservation, 2012, 146, 136-143.	1.9	39
44	Disentangling the effects of predator hunting mode and habitat domain on the top-down control of insect herbivores. Journal of Animal Ecology, 2011, 80, 495-503.	1.3	37
45	Agrochemicals in the wild: Identifying links between pesticide use and declines of nontarget organisms. Current Opinion in Environmental Science and Health, 2019, 11, 53-58.	2.1	36
46	Contrasting success in the restoration of plant and phytophagous beetle assemblages of species-rich mesotrophic grasslands. Oecologia, 2008, 154, 773-783.	0.9	33
47	Effects of seed mixture and management on beetle assemblages of arable field margins. Agriculture, Ecosystems and Environment, 2008, 125, 246-254.	2.5	33
48	Replication, effect sizes and identifying the biological impacts of pesticides on bees under field conditions. Journal of Applied Ecology, 2016, 53, 1358-1362.	1.9	31
49	Neonicotinoid residues in UK honey despite European Union moratorium. PLoS ONE, 2018, 13, e0189681.	1.1	31
50	New tools to boost butterfly habitat quality in existing grass buffer strips. Journal of Insect Conservation, 2011, 15, 221-232.	0.8	30
51	The influence of landscape composition and configuration on crop yield resilience. Journal of Applied Ecology, 2020, 57, 2180-2190.	1.9	30
52	Future restoration should enhance ecological complexity and emergent properties at multiple scales. Ecography, 2022, 2022, .	2.1	30
53	Can longâ€term floodplain meadow recreation replicate species composition and functional characteristics of target grasslands?. Journal of Applied Ecology, 2011, 48, 1070-1078.	1.9	29
54	Mass-flowering crops have a greater impact than semi-natural habitat on crop pollinators and pollen deposition. Landscape Ecology, 2020, 35, 513-527.	1.9	29

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55	Effects of future agricultural change scenarios on beneficial insects. Journal of Environmental Management, 2020, 265, 110550.	3.8	27
56	Using ecological and field survey data to establish a national list of the wild bee pollinators of crops. Agriculture, Ecosystems and Environment, 2021, 315, 107447.	2.5	24
57	Are polyphagous geometrid moths with flightless females adapted to budburst phenology of local host species?. Oikos, 2006, 112, 83-90.	1.2	22
58	Effects of grazing management on beetle and plant assemblages during the re-creation of a flood-plain meadow. Agriculture, Ecosystems and Environment, 2006, 116, 225-234.	2.5	21
59	The effects of seed mix and management on the abundance of desirable and pernicious unsown species in arable buffer strip communities. Weed Research, 2008, 48, 113-123.	0.8	20
60	<scp>CropPol</scp>: A dynamic, open and global database on crop pollination. Ecology, 2022, 103, e3614.	1.5	19
61	Size matters: Body size determines functional responses of ground beetle interactions. Basic and Applied Ecology, 2015, 16, 621-628.	1.2	18
62	Patterns of invertebrate functional diversity highlight the vulnerability of ecosystem services over a 45-year period. Current Biology, 2021, 31, 4627-4634.e3.	1.8	18
63	Does agri-environmental management enhance biodiversity and multiple ecosystem services?: A farm-scale experiment. Agriculture, Ecosystems and Environment, 2021, 320, 107582.	2.5	17
64	Parasitism of the beech leafâ€miner weevil in a woodland: patch size, edge effects and parasitoid species identity. Insect Conservation and Diversity, 2008, 1, 180-188.	1.4	15
65	Directional trends in species composition over time can lead to a widespread overemphasis of yearâ€toâ€year asynchrony. Journal of Vegetation Science, 2020, 31, 792-802.	1.1	15
66	Enhancing beetle and spider communities in agricultural grasslands: The roles of seed addition and habitat management. Agriculture, Ecosystems and Environment, 2013, 167, 79-85.	2.5	14
67	Local and landscape effects on bee functional guilds in pigeon pea crops in Kenya. Journal of Insect Conservation, 2015, 19, 647-658.	0.8	14
68	A Synthesis is Emerging between Biodiversityâ€"Ecosystem Function and Ecological Resilience Research: Reply to Mori. Trends in Ecology and Evolution, 2016, 31, 89-92.	4.2	14
69	Dispersal capacity shapes responses of river island invertebrate assemblages to vegetation structure, island area, and flooding. Insect Conservation and Diversity, 2017, 10, 341-353.	1.4	14
70	Equivocal Evidence for Colony Level Stress Effects on Bumble Bee Pollination Services. Insects, 2020, 11, 191.	1.0	14
71	Influence of management type on Diptera communities of coniferous plantations and deciduous woodlands. Agriculture, Ecosystems and Environment, 2003, 95, 443-452.	2.5	13
72	COMMENTARY ON KLEIJN ET AL. 2006. Ecology Letters, 2006, 9, 254-256.	3.0	13

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73	Novel management to enhance spider biodiversity in existing grass buffer strips. Agricultural and Forest Entomology, 2013, 15, 77-85.	0.7	13
74	Flowering fields, organic farming and edge habitats promote diversity of plants and arthropods on arable land. Journal of Applied Ecology, 2021, 58, 1155-1166.	1.9	13
75	Management to Support Multiple Ecosystem Services from Productive Grasslands. Sustainability, 2021, 13, 6263.	1.6	13
76	Species Richness-Environment Relationships of European Arthropods at Two Spatial Grains: Habitats and Countries. PLoS ONE, 2012, 7, e45875.	1.1	13
77	Changing management in Scottish birch woodlands: a potential threat to local invertebrate biodiversity. Bulletin of Entomological Research, 2003, 93, 159-167.	0.5	12
78	The impact of two arable field margin management schemes on litter decomposition. Applied Soil Ecology, 2009, 41, 90-97.	2.1	11
79	Neonicotinoid use on cereals and sugar beet is linked to continued low exposure risk in honeybees. Agriculture, Ecosystems and Environment, 2021, 308, 107205.	2.5	11
80	Seeds of change: The value of using Rhinanthus minor in grassland restoration. Journal of Vegetation Science, 2006, 17, 435.	1.1	11
81	Novel margin management to enhance Auchenorrhyncha biodiversity in intensive grasslands. Agriculture, Ecosystems and Environment, 2011, 140, 506-513.	2.5	10
82	Enhancing habitat to help the plight of the bumblebee. Pest Management Science, 2011, 67, 377-379.	1.7	10
83	Investigating the phytotoxicity of the graminicide fluazifopâ€Pâ€butyl against native UK wildflower species. Pest Management Science, 2012, 68, 412-421.	1.7	9
84	Buffer strip management to deliver plant and invertebrate resources for farmland birds in agricultural landscapes. Agriculture, Ecosystems and Environment, 2017, 240, 215-223.	2.5	9
85	Two common invertebrate predators show varying predation responses to different types of sentinel prey. Journal of Applied Entomology, 2019, 143, 380-386.	0.8	9
86	Enhancing floral diversity to increase the robustness of grassland beetle assemblages to environmental change. Conservation Letters, 2012, 5, 459-469.	2.8	8
87	Historical, local and landscape factors determine the success of grassland restoration for arthropods. Agriculture, Ecosystems and Environment, 2021, 308, 107271.	2.5	8
88	The Restoration of Phytophagous Beetles in Speciesâ€Rich Chalk Grasslands. Restoration Ecology, 2010, 18, 638-644.	1.4	7
89	The effect of tillage management and its interaction with site conditions and plant functional traits on plant species establishment during meadow restoration. Ecological Engineering, 2018, 117, 28-37.	1.6	7
90	Effects of seed addition on beetle assemblages during the reâ€creation of speciesâ€rich lowland hay meadows. Insect Conservation and Diversity, 2012, 5, 19-26.	1.4	6

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91	Invertebrate community structure predicts natural pest control resilience to insecticide exposure. Journal of Applied Ecology, 2020, 57, 2441-2453.	1.9	5
92	Re-creation of a lowland flood-plain meadow: management implications for invertebrate communities. Journal of Insect Conservation, 2005, 9, 207-218.	0.8	4
93	Enhancement of Buffer Strips Can Improve Provision of Multiple Ecosystem Services. Outlooks on Pest Management, 2012, 23, 258-262.	0.1	4
94	Detecting landscape scale consequences of insecticide use on invertebrate communities. Advances in Ecological Research, 2020, 63, 93-126.	1.4	4
95	Integration of DNA extraction, metabarcoding and an informatics pipeline to underpin a national citizen science honey monitoring scheme. MethodsX, 2021, 8, 101303.	0.7	4
96	LOTVS: A global collection of permanent vegetation plots. Journal of Vegetation Science, 2022, 33, .	1.1	4
97	The manipulation of vegetation field and field margin vegetation structure in intensively managed UK cattle grazed pasture systems: Implications for invertebrate biodiversity. Proceedings of the British Society of Animal Science, 2005, 2005, 231-231.	0.0	1
98	Plant traits explain the success of vacuum harvesting as a method of seed collection for the restoration of species-rich grasslands. Landscape and Ecological Engineering, 2018, 14, 147-155.	0.7	1
99	New tools to boost butterfly habitat quality in existing grass buffer strips. , 2010, , 225-236.		0