

Dirk Maes

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63
papers

2,647
citations

27
h-index

51
g-index

68
ext. papers

3,177
ext. citations

4.8
avg, IF

4.85
L-index

#	Paper	IF	Citations
63	Species richness declines and biotic homogenisation have slowed down for NW-European pollinators and plants. <i>Ecology Letters</i> , 2013 , 16, 870-8	10	245
62	Butterfly diversity loss in Flanders (north Belgium): Europe's worst case scenario?. <i>Biological Conservation</i> , 2001 , 99, 263-276	6.2	221
61	The harlequin ladybird, <i>Harmonia axyridis</i> : global perspectives on invasion history and ecology. <i>Biological Invasions</i> , 2016 , 18, 997-1044	2.7	188
60	Invasive alien predator causes rapid declines of native European ladybirds. <i>Diversity and Distributions</i> , 2012 , 18, 717-725	5	187
59	Declines in common, widespread butterflies in a landscape under intense human use. <i>Conservation Biology</i> , 2009 , 23, 957-65	6	177
58	The lost generation hypothesis: could climate change drive ectotherms into a developmental trap?. <i>Oikos</i> , 2015 , 124, 54-61	4	119
57	Solutions for humanity on how to conserve insects. <i>Biological Conservation</i> , 2020 , 242, 108427	6.2	90
56	Transferability of species distribution models: a functional habitat approach for two regionally threatened butterflies. <i>Conservation Biology</i> , 2007 , 21, 201-12	6	82
55	Invasion history, habitat preferences and phenology of the invasive ladybird <i>Harmonia axyridis</i> in Belgium. <i>BioControl</i> , 2008 , 53, 69-88	2.3	76
54	The use of opportunistic data for IUCN Red List assessments. <i>Biological Journal of the Linnean Society</i> , 2015 , 115, 690-706	1.9	72
53	Habitat quality and biodiversity indicator performances of a threatened butterfly versus a multispecies group for wet heathlands in Belgium. <i>Biological Conservation</i> , 2005 , 123, 177-187	6.2	71
52	Functional conservation units for the endangered Alcon Blue butterfly <i>Maculinea alcon</i> in Belgium (Lepidoptera: Lycaenidae). <i>Biological Conservation</i> , 2004 , 120, 229-241	6.2	67
51	Is biofuel policy harming biodiversity in Europe?. <i>GCB Bioenergy</i> , 2009 , 1, 18-34	5.6	65
50	Applying IUCN criteria to invertebrates: How red is the Red List of European butterflies?. <i>Biological Conservation</i> , 2011 , 144, 470-478	6.2	63
49	Applying species distribution modelling for the conservation of the threatened saproxylic Stag Beetle (<i>Lucanus cervus</i>). <i>Biological Conservation</i> , 2008 , 141, 1400-1410	6.2	61
48	Restoration of woodpasture on former agricultural land: The importance of safe sites and time gaps before grazing for tree seedlings. <i>Biological Conservation</i> , 2008 , 141, 78-88	6.2	53
47	The decline of butterflies in Europe: Problems, significance, and possible solutions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	51

46	Habitat Use and Mobility of Two Threatened Coastal Dune Insects: Implications for Conservation. <i>Journal of Insect Conservation</i> , 2006 , 10, 105-115	2.1	44
45	Species richness coincidence: conservation strategies based on predictive modelling. <i>Biodiversity and Conservation</i> , 2005 , 14, 1345-1364	3.4	44
44	Dos and Don'ts for butterflies of the Habitats Directive of the European Union. <i>Nature Conservation</i> , 2005 , 1, 73-153		43
43	Applying IUCN Red List criteria at a small regional level: A test case with butterflies in Flanders (north Belgium). <i>Biological Conservation</i> , 2012 , 145, 258-266	6.2	38
42	Predicted insect diversity declines under climate change in an already impoverished region. <i>Journal of Insect Conservation</i> , 2010 , 14, 485-498	2.1	38
41	Using distribution patterns of five threatened invertebrates in a highly fragmented dune landscape to develop a multispecies conservation approach. <i>Biological Conservation</i> , 2006 , 133, 490-499	6.2	38
40	Inclusion of soil data improves the performance of bioclimatic envelope models for insect species distributions in temperate Europe. <i>Journal of Biogeography</i> , 2009 , 36, 1459-1473	4.1	34
39	Prediction of butterfly diversity hotspots in Belgium: a comparison of statistically focused and land use-focused models. <i>Journal of Biogeography</i> , 2003 , 30, 1907-1920	4.1	33
38	Changes in the distribution of carabid beetles in Belgium revisited: Have we halted the diversity loss?. <i>Biological Conservation</i> , 2010 , 143, 1549-1557	6.2	28
37	BioScore: Cost-effective assessment of policy impact on biodiversity using species sensitivity scores. <i>Journal for Nature Conservation</i> , 2010 , 18, 142-148	2.3	27
36	Species- and sex-specific adjustments of movement behavior to landscape heterogeneity in butterflies. <i>Behavioral Ecology</i> , 2011 , 22, 967-975	2.3	27
35	Patterns of host use by brood parasitic Maculinea butterflies across Europe. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019 , 374, 20180202	5.8	26
34	Not the Right Time to Amend the Annexes of the European Habitats Directive. <i>Conservation Letters</i> , 2013 , 6, 468-469	6.9	26
33	The need for large-scale distribution data to estimate regional changes in species richness under future climate change. <i>Diversity and Distributions</i> , 2017 , 23, 1393-1407	5	25
32	Monitoring butterflies in the Netherlands and Flanders: the first results. <i>Journal of Insect Conservation</i> , 1997 , 1, 81-87	2.1	23
31	Trampling affects the distribution of specialised coastal dune arthropods. <i>Basic and Applied Ecology</i> , 2008 , 9, 726-734	3.2	23
30	Assessing the ecological risk posed by a recently established invasive alien predator: <i>Harmonia axyridis</i> as a case study. <i>BioControl</i> , 2017 , 62, 341-354	2.3	21
29	Gene flow and effective population sizes of the butterfly <i>Maculinea alcon</i> in a highly fragmented, anthropogenic landscape. <i>Biological Conservation</i> , 2017 , 209, 89-97	6.2	19

28	Integrating national Red Lists for prioritising conservation actions for European butterflies. <i>Journal of Insect Conservation</i> , 2019 , 23, 301-330	2.1	18
27	A new methodology for compiling national Red Lists applied to butterflies (Lepidoptera, Rhopalocera) in Flanders (N-Belgium) and the Netherlands. <i>Journal of Insect Conservation</i> , 1997 , 1, 113-124	2.1	18
26	Testing the applicability of regional IUCN Red List criteria on ladybirds (Coleoptera, Coccinellidae) in Flanders (north Belgium): opportunities for conservation. <i>Insect Conservation and Diversity</i> , 2015 , 8, 404-417	3.8	17
25	Quality of citizen science data and its consequences for the conservation of skipper butterflies (Hesperiidae) in Flanders (northern Belgium). <i>Journal of Insect Conservation</i> , 2017 , 21, 451-463	2.1	16
24	Comment on "Meta-analysis reveals declines in terrestrial but increases in freshwater insect abundances". <i>Science</i> , 2020 , 370,	33.3	14
23	The neglected impact of tracking devices on terrestrial arthropods. <i>Methods in Ecology and Evolution</i> , 2020 , 11, 350-361	7.7	13
22	Ant communities (Hymenoptera: Formicidae) of Flemish (north Belgium) wet heathlands, a declining habitat in Europe. <i>European Journal of Entomology</i> , 2003 , 100, 545-555		13
21	A resource-based conservation approach for an endangered ecotone species: the Ilex Hairstreak (<i>Satyrrium ilicis</i>) in Flanders (north Belgium). <i>Journal of Insect Conservation</i> , 2014 , 18, 939-950	2.1	12
20	Invasion history, habitat preferences and phenology of the invasive ladybird <i>Harmonia axyridis</i> in Belgium 2007 , 69-88		11
19	The impact of data quality filtering of opportunistic citizen science data on species distribution model performance. <i>Ecological Modelling</i> , 2021 , 444, 109453	3	10
18	Wanted! Dead or alive: the tale of the Brown Grayling (<i>Pseudochazara amymone</i>). <i>Journal of Insect Conservation</i> , 2014 , 18, 675-682	2.1	9
17	Conserving Europe's most endangered butterfly: the Macedonian Grayling (<i>Pseudochazara cingovskii</i>). <i>Journal of Insect Conservation</i> , 2013 , 17, 941-947	2.1	9
16	The potential of species distribution modelling for reintroduction projects: the case study of the Chequered Skipper in England. <i>Journal of Insect Conservation</i> , 2019 , 23, 419-431	2.1	7
15	Importance of core and linear marsh elements for wetland arthropod diversity in an agricultural landscape. <i>Insect Conservation and Diversity</i> , 2015 , 8, 289-301	3.8	5
14	A Red Data Book of Empidid Flies of Flanders (northern Belgium) (Diptera, Empididae S.l.): Constraints and Possible Use in Nature Conservation. <i>Journal of Insect Conservation</i> , 2001 , 5, 117-129	2.1	4
13	A database of threat statuses and life-history traits of Red List species in Flanders (northern Belgium). <i>Biodiversity Data Journal</i> , 2019 , 7, e34089	1.8	3
12	Contribution to the knowledge of the butterfly fauna of Albania. <i>Nota Lepidopterologica</i> , 2015 , 38, 29-45		3
11	A database on the distribution of butterflies (Lepidoptera) in northern Belgium (Flanders and the Brussels Capital Region). <i>ZooKeys</i> , 2016 , 143-56	1.2	3

10	Intensified habitat management to mitigate negative effects of nitrogen pollution can be detrimental for faunal diversity: A comment on Jones et al. (2017). <i>Biological Conservation</i> , 2017 , 212, 493-494	6.2	2
9	Celebrating 50 years of Butterfly Conservation: a special issue on the ecology and conservation of butterflies and moths. <i>Journal of Insect Conservation</i> , 2019 , 23, 199-200	2.1	1
8	Abundant Citizen Science Data Reveal That the Peacock Butterfly Recently Became Bivoltine in Belgium. <i>Insects</i> , 2021 , 12,	2.8	1
7	Behavioral Strategies and the Spatial Pattern Formation of Nesting.. <i>American Naturalist</i> , 2022 , 199, E15-E27	3.7	1
6	Occasional long-distance dispersal may not prevent inbreeding in a threatened butterfly.. <i>Bmc Ecology and Evolution</i> , 2021 , 21, 224	2.1	1
5	Rapid conservation evidence for the impact of sheep grazing on a threatened digger wasp. <i>Insect Conservation and Diversity</i> ,	3.8	0
4	Retirement of John Dover as Editor-in-Chief of Journal of Insect Conservation. <i>Journal of Insect Conservation</i> , 2017 , 21, 751-751	2.1	
3	Can we predict the distribution of heathland butterflies with heathland bird data?. <i>Animal Biology</i> , 2009 , 59, 335-349	0.7	
2	A Red List of terrestrial isopods (Isopoda: Oniscidea) in Flanders (northern Belgium) and its implications for conservation. <i>Journal of Insect Conservation</i> ,1	2.1	
1	Species profiles support recommendations for quality filtering of opportunistic citizen science data. <i>Ecological Modelling</i> , 2022 , 467, 109910	3	