

Thomas Merckx

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,430
citations

218592

26
h-index

254106

43
g-index

49
all docs

49
docs citations

49
times ranked

2679
citing authors

#	ARTICLE	IF	CITATIONS
1	Body-size shifts in aquatic and terrestrial urban communities. <i>Nature</i> , 2018, 558, 113-116.	13.7	196
2	Urbanization drives cross-taxon declines in abundance and diversity at multiple spatial scales. <i>Global Change Biology</i> , 2020, 26, 1196-1211.	4.2	167
3	Optimizing the biodiversity gain from agri-environment schemes. <i>Agriculture, Ecosystems and Environment</i> , 2009, 130, 177-182.	2.5	120
4	Urbanization drives community shifts towards thermophilic and dispersive species at local and landscape scales. <i>Global Change Biology</i> , 2017, 23, 2554-2564.	4.2	114
5	The dragonfly delusion: why it is essential to sample exuviae to avoid biased surveys. <i>Journal of Insect Conservation</i> , 2010, 14, 523-533.	0.8	112
6	Life-history traits and landscape characteristics predict macro-moth responses to forest fragmentation. <i>Ecology</i> , 2013, 94, 1519-1530.	1.5	110
7	Macro-moth families differ in their attraction to light: implications for light-trap monitoring programmes. <i>Insect Conservation and Diversity</i> , 2014, 7, 453-461.	1.4	106
8	Reshaping agri-environmental subsidies: From marginal farming to large-scale rewilding. <i>Basic and Applied Ecology</i> , 2015, 16, 95-103.	1.2	102
9	The evolution of movements and behaviour at boundaries in different landscapes: a common arena experiment with butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1815-1821.	1.2	94
10	Effect of field margins on moths depends on species mobility: Field-based evidence for landscape-scale conservation. <i>Agriculture, Ecosystems and Environment</i> , 2009, 129, 302-309.	2.5	92
11	Elevational species richness gradients in a hyperdiverse insect taxon: a global meta-study on geometrid moths. <i>Global Ecology and Biogeography</i> , 2017, 26, 412-424.	2.7	83
12	The Urban Heat Island and its spatial scale dependent impact on survival and development in butterflies of different thermal sensitivity. <i>Ecology and Evolution</i> , 2016, 6, 4129-4140.	0.8	82
13	Hedgerow trees and extended-width field margins enhance macro-moth diversity: implications for management. <i>Journal of Applied Ecology</i> , 2012, 49, 1396-1404.	1.9	79
14	Landscape structure and phenotypic plasticity in flight morphology in the butterfly <i>Pararge aegeria</i> . <i>Oikos</i> , 2006, 113, 226-232.	1.2	76
15	Urbanization-driven homogenization is more pronounced and happens at wider spatial scales in nocturnal and mobile flying insects. <i>Global Ecology and Biogeography</i> , 2019, 28, 1440-1455.	2.7	72
16	Shelter benefits less mobile moth species: The field-scale effect of hedgerow trees. <i>Agriculture, Ecosystems and Environment</i> , 2010, 138, 147-151.	2.5	66
17	Increased body size along urbanization gradients at both community and intraspecific level in macro-moths. <i>Global Change Biology</i> , 2018, 24, 3837-3848.	4.2	57
18	Multi-scale effects of farmland management on dragonfly and damselfly assemblages of farmland ponds. <i>Agriculture, Ecosystems and Environment</i> , 2012, 161, 80-87.	2.5	55

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19	Conserving threatened Lepidoptera: Towards an effective woodland management policy in landscapes under intense human land-use. <i>Biological Conservation</i> , 2012, 149, 32-39.	1.9	54
20	Habitat fragmentation affects habitat-finding ability of the speckled wood butterfly, <i>Pararge aegeria</i> L.. <i>Animal Behaviour</i> , 2007, 74, 1029-1037.	0.8	53
21	Identifying high-quality pond habitats for Odonata in lowland England: implications for agri-environment schemes. <i>Insect Conservation and Diversity</i> , 2012, 5, 422-432.	1.4	47
22	Mate location behaviour of the butterfly <i>Pararge aegeria</i> in woodland and fragmented landscapes. <i>Animal Behaviour</i> , 2005, 70, 411-416.	0.8	43
23	Thermal flight budget of a woodland butterfly in woodland versus agricultural landscapes: An experimental assessment. <i>Basic and Applied Ecology</i> , 2008, 9, 433-442.	1.2	42
24	Habitat fragmentation impacts mobility in a common and widespread woodland butterfly: do sexes respond differently?. <i>BMC Ecology</i> , 2012, 12, 5.	3.0	36
25	Urbanization extends flight phenology and leads to local adaptation of seasonal plasticity in Lepidoptera. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	34
26	Title is missing!. <i>Journal of Insect Behavior</i> , 2002, 15, 541-561.	0.4	30
27	Habitat amount, not patch size and isolation, drives species richness of macro-moth communities in countryside landscapes. <i>Journal of Biogeography</i> , 2019, 46, 956-967.	1.4	28
28	Habitat preference and mobility of <i>Polia bombycina</i> : are non-tailored agri-environment schemes any good for a rare and localised species?. <i>Journal of Insect Conservation</i> , 2010, 14, 499-510.	0.8	26
29	Quality of citizen science data and its consequences for the conservation of skipper butterflies (<i>Hesperiidae</i>) in Flanders (northern Belgium). <i>Journal of Insect Conservation</i> , 2017, 21, 451-463.	0.8	24
30	Trait-based functional dietary analysis provides a better insight into the foraging ecology of bats. <i>Journal of Animal Ecology</i> , 2019, 88, 1587-1600.	1.3	23
31	Joint species movement modeling: how do traits influence movements?. <i>Ecology</i> , 2019, 100, e02622.	1.5	22
32	What type of hedgerows do Brown hairstreak (<i>Thecla betulae</i>) butterflies prefer? Implications for European agricultural landscape conservation. <i>Insect Conservation and Diversity</i> , 2010, 3, 194-204.	1.4	21
33	Beta diversity patterns reveal positive effects of farmland abandonment on moth communities. <i>Scientific Reports</i> , 2019, 9, 1549.	1.6	21
34	Urbanisation and sex affect the consistency of butterfly personality across metamorphosis. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	0.6	20
35	The Use of Geometric Morphometrics in Studying Butterfly Wings in an Evolutionary Ecological Context. <i>Lecture Notes in Earth Sciences</i> , 2010, , 271-287.	0.5	19
36	Personality traits influence contest outcome, and vice versa, in a territorial butterfly. <i>Scientific Reports</i> , 2019, 9, 2778.	1.6	15

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37	Noctuid moths as potential hybridization agents for <i>Platanthera</i> orchids. <i>Lankesteriana</i> , 2017, 17, .	0.2	12
38	Anthropogenic host plant expansion leads a nettle-feeding butterfly out of the forest: consequences for larval survival and developmental plasticity in adult morphology. <i>Evolutionary Applications</i> , 2015, 8, 363-372.	1.5	10
39	An experimental test of changed personality in butterflies from anthropogenic landscapes. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	0.6	8
40	Behavioural repeatability is affected by early developmental conditions in a butterfly. <i>Animal Behaviour</i> , 2019, 157, 219-226.	0.8	7
41	Lower density of arthropod biomass in small high-Andes <i>Polylepis</i> fragments affects habitat use in insectivorous birds. <i>Ecosphere</i> , 2021, 12, e03401.	1.0	7
42	Rewilding: Pitfalls and Opportunities for Moths and Butterflies. , 2015, , 107-125.		6
43	Landscape-scale conservation of farmland moths. , 2015, , 147-166.		5
44	Species traits shape the relationship between local and regional species abundance distributions. <i>Ecosphere</i> , 2019, 10, e02750.	1.0	3
45	Individual plasticity drives boldness senescence in a territorial butterfly. <i>Ethology</i> , 2020, 126, 1061-1068.	0.5	1
46	A review of the distribution and ecology of the elusive Brown Hairstreak butterfly <i>Thecla betulae</i> (Lepidoptera, Lycaenidae) in the Iberian Peninsula. <i>Nota Lepidopterologica</i> , 0, 45, 101-118.	0.6	1
47	Joint Species Movement Modeling: How Do Traits Influence Movements?. <i>Bulletin of the Ecological Society of America</i> , 2019, 100, e01511.	0.2	0