

Marc DufrÃªne

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

8,823
citations

201674

27
h-index

168389

53
g-index

56
all docs

56
docs citations

56
times ranked

11009
citing authors

#	ARTICLE	IF	CITATIONS
1	Species Assemblages and Indicator Species: The Need for a Flexible Asymmetrical Approach. Ecological Monographs, 1997, 67, 345.	5.4	4,878
2	SPECIES ASSEMBLAGES AND INDICATOR SPECIES:THE NEED FOR A FLEXIBLE ASYMMETRICAL APPROACH. Ecological Monographs, 1997, 67, 345-366.	5.4	1,949
3	Testing the Value of Six Taxonomic Groups as Biodiversity Indicators at a Local Scale. Conservation Biology, 2004, 18, 667-675.	4.7	220
4	Patterns of crop damage by wild boar (<i>Sus scrofa</i>) in Luxembourg over a 10-year period. European Journal of Wildlife Research, 2008, 54, 589-599.	1.4	188
5	Seeing Central African forests through their largest trees. Scientific Reports, 2015, 5, 13156.	3.3	114
6	Hotspots, complementarity or representativeness? designing optimal small-scale reserves for biodiversity conservation. Biological Conservation, 2004, 120, 471-480.	4.1	101
7	No favorable effect of reduced tillage on microbial community diversity in a silty loam soil (Belgium). Agriculture, Ecosystems and Environment, 2016, 224, 12-21.	5.3	75
8	Spatial diversification of agroecosystems to enhance biological control and other regulating services: An agroecological perspective. Science of the Total Environment, 2018, 621, 600-611.	8.0	68
9	Conservation management for Orthoptera in the Dadia reserve, Greece. Biological Conservation, 2004, 115, 33-44.	4.1	56
10	Contrasting Responses of Saproxylic Insects to Focal Habitat Resources: The Example of Longhorn Beetles and Hoverflies in Belgian Deciduous Forests. Journal of Insect Conservation, 2006, 10, 129-150.	1.4	54
11	Multivariate analysis of a fine-scale breeding bird atlas using a geographical information system and partial canonical correspondence analysis: environmental and spatial effects. Journal of Biogeography, 2004, 31, 1841-1856.	3.0	52
12	Fitness-related parameters improve presence-only distribution modelling for conservation practice: The case of the red-backed shrike. Biological Conservation, 2007, 138, 207-223.	4.1	50
13	Colonization Credit in Restored Wet Heathlands. Restoration Ecology, 2010, 18, 645-655.	2.9	43
14	How can integrated valuation of ecosystem services help understanding and steering agroecological transitions?. Ecology and Society, 2018, 23, .	2.3	42
15	Observations on the mites (Acari) associated with Carabidae (Coleoptera) in Belgium. I. Annotated list of the species. International Journal of Acarology, 1995, 21, 107-122.	0.7	39
16	Conservation value of tropical forests: Distance to human settlements matters more than management in Central Africa. Biological Conservation, 2020, 241, 108351.	4.1	38
17	Changes in the distribution of carabid beetles in Belgium revisited: Have we halted the diversity loss?. Biological Conservation, 2010, 143, 1549-1557.	4.1	37
18	Towards the use of ecological heterogeneity to design reserve networks: a case study from Dadia National Park, Greece. Biodiversity and Conservation, 2010, 19, 1585-1597.	2.6	36

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19	Geographic Structure and Potential Ecological Factors in Belgium. <i>Journal of Biogeography</i> , 1991, 18, 257.	3.0	35
20	Participatory identification and selection of ecosystem services: building on field experiences. <i>Ecology and Society</i> , 2018, 23, .	2.3	35
21	How does forest cover impact water flows and ecosystem services? Insights from "real-life" catchments in Wallonia (Belgium). <i>Ecological Indicators</i> , 2017, 72, 675-685.	6.3	34
22	Contribution of agroecological farming systems to the delivery of ecosystem services. <i>Journal of Environmental Management</i> , 2020, 260, 109576.	7.8	33
23	Estimation of habitat quality based on plant community, and effects of isolation in a network of butterfly habitat patches. <i>Acta Oecologica</i> , 2003, 24, 25-33.	1.1	32
24	Ground beetle habitat templates and riverbank integrity. <i>River Research and Applications</i> , 2005, 21, 1133-1146.	1.7	32
25	How (not) to perform ecosystem service valuations: pricing gorillas in the mist. <i>Biodiversity and Conservation</i> , 2015, 24, 187-197.	2.6	32
26	Perceptions of ecosystem services provided by tropical forests to local populations in Cameroon. <i>Ecosystem Services</i> , 2019, 38, 100956.	5.4	29
27	A test for assessment of saproxylic beetle biodiversity using subsets of "monitoring species". <i>Ecological Indicators</i> , 2012, 20, 304-315.	6.3	28
28	Biostatistical studies on western European <i>Dactylorhiza</i> (Orchidaceae) the <i>D. maculata</i> group. <i>Plant Systematics and Evolution</i> , 1991, 175, 55-72.	0.9	27
29	A novel sub-phylum method discriminates better the impact of crop management on soil microbial community. <i>Agronomy for Sustainable Development</i> , 2015, 35, 1157-1166.	5.3	27
30	Forest cover correlates with good biological water quality. Insights from a regional study (Wallonia, Belgium). <i>Journal of Environmental Management</i> , 2018, 211, 9-21.	7.8	26
31	Biostatistical Studies of Western European Allogamous Populations of the <i>Epipactis helleborine</i> (L.) Crantz Species Group (Orchidaceae). <i>Systematic Botany</i> , 1994, 19, 424.	0.5	25
32	A century of local changes in bumblebee communities and landscape composition in Belgium. <i>Journal of Insect Conservation</i> , 2019, 23, 489-501.	1.4	24
33	Metapopulation dynamics of the bog fritillary butterfly: modelling the effect of habitat fragmentation. <i>Acta Oecologica</i> , 2002, 23, 287-296.	1.1	20
34	To what extent can management variables explain species assemblages? A study of carabid beetles in forests. <i>Ecography</i> , 2004, 27, 701-714.	4.5	20
35	Survival cost to relocation does not reduce population self-sustainability in an amphibian. <i>Ecological Applications</i> , 2019, 29, e01909.	3.8	20
36	Anopheles species associations in Southeast Asia: indicator species and environmental influences. <i>Parasites and Vectors</i> , 2013, 6, 136.	2.5	19

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37	Linking Forest Cover to Water Quality: A Multivariate Analysis of Large Monitoring Datasets. Water (Switzerland), 2017, 9, 176.	2.7	19
38	Improving Ecotope Segmentation by Combining Topographic and Spectral Data. Remote Sensing, 2019, 11, 354.	4.0	19
39	Drastic shifts in the Belgian bumblebee community over the last century. Biodiversity and Conservation, 2020, 29, 2553-2573.	2.6	18
40	Soil oribatid mite communities (Acari: Oribatida) from high Shaba (Zaire) in relation to vegetation. Applied Soil Ecology, 1997, 5, 81-96.	4.3	17
41	Emerging ecosystem services governance issues in the Belgium ecosystem services community of practice. Ecosystem Services, 2015, 16, 212-219.	5.4	17
42	How integrating 'socio-cultural values' into ecosystem services evaluations can give meaning to value indicators. Ecosystem Services, 2021, 49, 101278.	5.4	16
43	Influence of sampling effort on saproxylic beetle diversity assessment: implications for insect monitoring studies in European temperate forests. Agricultural and Forest Entomology, 2013, 15, 135-145.	1.3	15
44	The Pedological Context Modulates the Response of Soil Microbial Communities to Agroecological Management. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	13
45	CICES Going Local. , 2013, , 223-247.		12
46	Quantifying the Use of Forest Ecosystem Services by Local Populations in Southeastern Cameroon. Sustainability, 2020, 12, 2505.	3.2	11
47	Effects of the conversion of intensive grasslands into Christmas tree plantations on bird assemblages. Agriculture, Ecosystems and Environment, 2017, 247, 91-97.	5.3	9
48	On the Use of Distance in the Taxonomic Study of Critical Plant Groups – Case Studies of Western European Orchidaceae. Annals of Botany, 1993, 71, 257-277.	2.9	7
49	How Are Landscapes under Agroecological Transition Perceived and Appreciated? A Belgian Case Study. Sustainability, 2020, 12, 2480.	3.2	5
50	Landscape delineation strategy and size of mapping units impact the performance of habitat suitability models. Ecological Informatics, 2018, 47, 55-60.	5.2	4
51	The critical role of abiotic factors and human activities in the supply of ecosystem services in the ES matrix. One Ecosystem, 0, 4, .	0.0	4
52	Flexible habitat use in a migratory songbird expanding across a human-modified landscape: is it adaptive?. Oecologia, 2020, 194, 75-86.	2.0	3
53	Relevance of an Ecosystem Services Approach in Southern Belgium. , 2013, , 341-345.		0