

# Niels Raes

## List of Publications by Year in Descending Order

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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.

51  
papers

2,303  
citations

24  
h-index

47  
g-index

61  
ext. papers

2,812  
ext. citations

5.1  
avg. IF

4.97  
L-index

#	Paper	IF	Citations
51	Climate change threatens native potential agroforestry plant species in Brazil.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2267	4.9	2
50	Temperature and soils predict the distribution of plant species along the Himalayan elevational gradient. <i>Journal of Tropical Ecology</i> , <b>2022</b> , 38, 58-70	1.3	0
49	Decline of unique Pontocaspian biodiversity in the Black Sea Basin: A review. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 12923-12947	2.8	3
48	Endemic Caspian Sea mollusks in hotspot and non-hotspot areas differentially affected by anthropogenic pressures. <i>Journal of Great Lakes Research</i> , <b>2020</b> , 46, 1221-1226	3	4
47	30% land conservation and climate action reduces tropical extinction risk by more than 50%. <i>Ecography</i> , <b>2020</b> , 43, 943-953	6.5	46
46	Social network analysis and the implications for Pontocaspian biodiversity conservation in Romania and Ukraine: A comparative study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0221833	3.7	5
45	Caspian Sea environmental variables: an extension of the Bio-ORACLE ocean data set. <i>Ecology</i> , <b>2020</b> , 101, e03076	4.6	1
44	New Guinea has the world's richest island flora. <i>Nature</i> , <b>2020</b> , 584, 579-583	50.4	37
43	Using social network analysis to assess the Pontocaspian biodiversity conservation capacity in Ukraine. <i>Ecology and Society</i> , <b>2020</b> , 25,	4.1	3
42	Climate change threatens New Guinea's biocultural heritage. <i>Science Advances</i> , <b>2019</b> , 5, eaaz1455	14.3	24
41	Ecological niche information supports taxonomic delimitation of <i>Irvingia gabonensis</i> and <i>I. wombolu</i> (Irvingiaceae). <i>South African Journal of Botany</i> , <b>2019</b> , 127, 35-42	2.9	1
40	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. <i>Scientific Reports</i> , <b>2018</b> , 8, 1003	4.9	78
39	Restoration to offset the impacts of developments at a landscape scale reveals opportunities, challenges and tough choices. <i>Global Environmental Change</i> , <b>2018</b> , 52, 152-161	10.1	24
38	European badger habitat requirements in the Netherlands [Combining ecological niche models with neighbourhood analysis. <i>Wildlife Biology</i> , <b>2018</b> , 2018,	1.7	3
37	Richness pattern and phytogeography of the Cerrado herb-rich flora and implications for conservation. <i>Journal of Vegetation Science</i> , <b>2017</b> , 28, 848-858	3.1	31
36	Contracting montane cloud forests: a case study of the Andean alder ( <i>Alnus acuminata</i> ) and associated fungi in the Yungas. <i>Biotropica</i> , <b>2017</b> , 49, 141-152	2.3	11
35	Global Patterns of Mycorrhizal Distribution and Their Environmental Drivers. <i>Ecological Studies</i> , <b>2017</b> , 223-235	1.1	13

34	Unequal Contribution of Widespread and Narrow-Ranged Species to Botanical Diversity Patterns. <i>PLoS ONE</i> , <b>2016</b> , 11, e0169200	3.7	3
33	Phylogenetic analysis of niche divergence reveals distinct evolutionary histories and climate change implications for tropical carnivorous pitcher plants. <i>Diversity and Distributions</i> , <b>2016</b> , 22, 97-110	5	14
32	Phytogeography of New Guinean orchids: patterns of species richness and turnover. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 204-214	4.1	16
31	Minimum required number of specimen records to develop accurate species distribution models. <i>Ecography</i> , <b>2016</b> , 39, 542-552	6.5	297
30	Spatial patterns of carbon, biodiversity, deforestation threat, and REDD+ projects in Indonesia. <i>Conservation Biology</i> , <b>2015</b> , 29, 1434-45	6	38
29	Global biogeography and evolution of Cuvierina pteropods. <i>BMC Evolutionary Biology</i> , <b>2015</b> , 15, 39	3	28
28	Similar but not equivalent: ecological niche comparison across closely related Mexican white pines. <i>Diversity and Distributions</i> , <b>2015</b> , 21, 245-257	5	59
27	The Natural History Production Line. <i>Journal on Computing and Cultural Heritage</i> , <b>2015</b> , 8, 1-11	1.8	14
26	Prioritizing West African medicinal plants for conservation and sustainable extraction studies based on market surveys and species distribution models. <i>Biological Conservation</i> , <b>2015</b> , 181, 173-181	6.2	40
25	Analysis of coprolites from the extinct mountain goat <i>Myotragus balearicus</i> . <i>Quaternary Research</i> , <b>2014</b> , 81, 106-116	1.9	23
24	Major declines of woody plant species ranges under climate change in Yunnan, China. <i>Diversity and Distributions</i> , <b>2014</b> , 20, 405-415	5	57
23	Estimating the Aboveground Biomass of Bornean Forest. <i>Biotropica</i> , <b>2014</b> , 46, 507-511	2.3	6
22	Historical distribution of Sundaland Dipterocarp rainforests at Quaternary glacial maxima. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 16790-5	11.5	64
21	The contribution of DNA metabarcoding to fungal conservation: diversity assessment, habitat partitioning and mapping red-listed fungi in protected coastal <i>Salix repens</i> communities in the Netherlands. <i>PLoS ONE</i> , <b>2014</b> , 9, e99852	3.7	50
20	Legume diversity as indicator for botanical diversity on Sundaland, South East Asia. <i>South African Journal of Botany</i> , <b>2013</b> , 89, 265-272	2.9	19
19	Global legume diversity assessment: Concepts, key indicators, and strategies. <i>Taxon</i> , <b>2013</b> , 62, 249-266	0.8	62
18	Fit-for-purpose: species distribution model performance depends on evaluation criteria - Dutch Hoverflies as a case study. <i>PLoS ONE</i> , <b>2013</b> , 8, e63708	3.7	146
17	Simulating climate change impacts on forests and associated vascular epiphytes in a subtropical island of East Asia. <i>Diversity and Distributions</i> , <b>2012</b> , 18, 334-347	5	33

16	Using species distribution modeling to improve conservation and land use planning of Yunnan, China. <i>Biological Conservation</i> , <b>2012</b> , 153, 257-264	6.2	102
15	In search of the perfect aphrodisiac: parallel use of bitter tonics in West Africa and the Caribbean. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 143, 840-50	5	35
14	Corresponding mitochondrial DNA and niche divergence for crested newt candidate species. <i>PLoS ONE</i> , <b>2012</b> , 7, e46671	3.7	22
13	Partial versus Full Species Distribution Models. <i>Natureza A Conservacao</i> , <b>2012</b> , 10, 127-138		52
12	Soils on exposed Sunda shelf shaped biogeographic patterns in the equatorial forests of Southeast Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 12343-7 <sup>11.5</sup>		51
11	Environmental correlates of tree biomass, basal area, wood specific gravity and stem density gradients in Borneo's tropical forests. <i>Global Ecology and Biogeography</i> , <b>2010</b> , 19, 50-60	6.1	228
10	Modelling the distribution of the moss species <i>Hypopterygium tamarisci</i> (Hypopterygiaceae, Bryophyta) in Central and South America. <i>Nova Hedwigia</i> , <b>2010</b> , 91, 399-420	1.3	9
9	Botanical richness and endemism patterns of Borneo derived from species distribution models. <i>Ecography</i> , <b>2009</b> , 32, 180-192	6.5	118
8	Environmental correlates for tropical tree diversity and distribution patterns in Borneo. <i>Diversity and Distributions</i> , <b>2009</b> , 15, 523-532	5	74
7	The demarcation and internal division of Flora Malesiana: 1857 to present. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , <b>2009</b> , 54, 6-8	1	24
6	Georeferencing specimens by combining digitized maps with SRTM digital elevation data and satellite images: a Bornean case study. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , <b>2009</b> , 54, 162-165	1	1
5	A null-model for significance testing of presence-only species distribution models. <i>Ecography</i> , <b>2007</b> , 30, 727-736	6.5	316
4	Recommendations for connecting molecular sequence and biodiversity research infrastructures through ELIXIR. <i>F1000Research</i> , 10, 1238	3.6	0
3	Collections Digitization and Assessment Dashboard, a Tool for Supporting Informed Decisions. <i>Biodiversity Information Science and Standards</i> , 3,		2
2	The Current and Future Status of Floristic Provinces in Thailand 219-247		9
1	Towards a Global Collection Description Standard. <i>Biodiversity Information Science and Standards</i> , 3,		2