

# Niels Raes

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

3,275  
citations

201658

27  
h-index

206102

48  
g-index

61  
all docs

61  
docs citations

61  
times ranked

5943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimum required number of specimen records to develop accurate species distribution models. <i>Ecography</i> , 2016, 39, 542-552.	4.5	498
2	A null model for significance testing of presence-only species distribution models. <i>Ecography</i> , 2007, 30, 727-736.	4.5	403
3	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> , 2010, 19, 50-60.	5.8	269
4	Fit-for-Purpose: Species Distribution Model Performance Depends on Evaluation Criteria – Dutch Hoverflies as a Case Study. <i>PLoS ONE</i> , 2013, 8, e63708.	2.5	207
5	Botanical richness and endemism patterns of Borneo derived from species distribution models. <i>Ecography</i> , 2009, 32, 180-192.	4.5	149
6	Using species distribution modeling to improve conservation and land use planning of Yunnan, China. <i>Biological Conservation</i> , 2012, 153, 257-264.	4.1	120
7	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. <i>Scientific Reports</i> , 2018, 8, 1003.	3.3	113
8	New Guinea has the world's richest island flora. <i>Nature</i> , 2020, 584, 579-583.	27.8	108
9	30% land conservation and climate action reduces tropical extinction risk by more than 50%. <i>Ecography</i> , 2020, 43, 943-953.	4.5	94
10	Environmental correlates for tropical tree diversity and distribution patterns in Borneo. <i>Diversity and Distributions</i> , 2009, 15, 523-532.	4.1	90
11	Historical distribution of Sundaland's Dipterocarp rainforests at Quaternary glacial maxima. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16790-16795.	7.1	88
12	Global legume diversity assessment: Concepts, key indicators, and strategies. <i>Taxon</i> , 2013, 62, 249-266.	0.7	85
13	Similar but not equivalent: ecological niche comparison across closely related Mexican white pines. <i>Diversity and Distributions</i> , 2015, 21, 245-257.	4.1	85
14	Major declines of woody plant species ranges under climate change in Yunnan, China. <i>Diversity and Distributions</i> , 2014, 20, 405-415.	4.1	69
15	Partial versus Full Species Distribution Models. <i>Natureza A Conservacao</i> , 2012, 10, 127-138.	2.5	69
16	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> , 2011, 108, 12343-12347.	7.1	67
17	The Contribution of DNA Metabarcoding to Fungal Conservation: Diversity Assessment, Habitat Partitioning and Mapping Red-Listed Fungi in Protected Coastal Salix repens Communities in the Netherlands. <i>PLoS ONE</i> , 2014, 9, e99852.	2.5	66
18	Prioritizing West African medicinal plants for conservation and sustainable extraction studies based on market surveys and species distribution models. <i>Biological Conservation</i> , 2015, 181, 173-181.	4.1	52

#	ARTICLE	IF	CITATIONS
19	Spatial patterns of carbon, biodiversity, deforestation threat, and REDD+ projects in Indonesia. <i>Conservation Biology</i> , 2015, 29, 1434-1445.	4.7	51
20	Simulating climate change impacts on forests and associated vascular epiphytes in a subtropical island of East Asia. <i>Diversity and Distributions</i> , 2012, 18, 334-347.	4.1	49
21	Richness pattern and phytogeography of the Cerrado herbaceous shrub flora and implications for conservation. <i>Journal of Vegetation Science</i> , 2017, 28, 848-858.	2.2	45
22	In search of the perfect aphrodisiac: Parallel use of bitter tonics in West Africa and the Caribbean. <i>Journal of Ethnopharmacology</i> , 2012, 143, 840-850.	4.1	43
23	Climate change threatens New Guinea's biocultural heritage. <i>Science Advances</i> , 2019, 5, eaaz1455.	10.3	42
24	Global biogeography and evolution of Cuvierina pteropods. <i>BMC Evolutionary Biology</i> , 2015, 15, 39.	3.2	40
25	Restoration to offset the impacts of developments at a landscape scale reveals opportunities, challenges and tough choices. <i>Global Environmental Change</i> , 2018, 52, 152-161.	7.8	36
26	Analysis of coprolites from the extinct mountain goat <i>Myotragus balearicus</i> . <i>Quaternary Research</i> , 2014, 81, 106-116.	1.7	34
27	Corresponding Mitochondrial DNA and Niche Divergence for Crested Newt Candidate Species. <i>PLoS ONE</i> , 2012, 7, e46671.	2.5	27
28	The demarcation and internal division of Flora Malesiana: 1857 to present. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2009, 54, 6-8.	0.2	26
29	Contracting montane cloud forests: a case study of the Andean alder ( <i>Alnus acuminata</i> ) and associated fungi in the Yungas. <i>Biotropica</i> , 2017, 49, 141-152.	1.6	23
30	Legume diversity as indicator for botanical diversity on Sundaland, South East Asia. <i>South African Journal of Botany</i> , 2013, 89, 265-272.	2.5	22
31	Phytogeography of New Guinean orchids: patterns of species richness and turnover. <i>Journal of Biogeography</i> , 2016, 43, 204-214.	3.0	21
32	The Natural History Production Line. <i>Journal on Computing and Cultural Heritage</i> , 2015, 8, 1-11.	2.1	19
33	Phylogenetic analysis of niche divergence reveals distinct evolutionary histories and climate change implications for tropical carnivorous pitcher plants. <i>Diversity and Distributions</i> , 2016, 22, 97-110.	4.1	19
34	Climate change threatens native potential agroforestry plant species in Brazil. <i>Scientific Reports</i> , 2022, 12, 2267.	3.3	18
35	Global Patterns of Mycorrhizal Distribution and Their Environmental Drivers. <i>Ecological Studies</i> , 2017, , 223-235.	1.2	16
36	Modelling the distribution of the moss species <i>Hypopterygium tamarisci</i> (Hypopterygiaceae, Bryophyta) in Central and South America. <i>Nova Hedwigia</i> , 2010, 91, 399-420.	0.4	14

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37	Decline of unique Pontocaspian biodiversity in the Black Sea Basin: A review. <i>Ecology and Evolution</i> , 2021, 11, 12923-12947.	1.9	12
38	The Current and Future Status of Floristic Provinces in Thailand. , 0, , 219-247.		11
39	Social network analysis and the implications for Pontocaspian biodiversity conservation in Romania and Ukraine: A comparative study. <i>PLoS ONE</i> , 2020, 15, e0221833.	2.5	10
40	Temperature and soils predict the distribution of plant species along the Himalayan elevational gradient. <i>Journal of Tropical Ecology</i> , 2022, 38, 58-70.	1.1	10
41	Estimating the Aboveground Biomass of Bornean Forest. <i>Biotropica</i> , 2014, 46, 507-511.	1.6	7
42	Endemic Caspian Sea mollusks in hotspot and non-hotspot areas differentially affected by anthropogenic pressures. <i>Journal of Great Lakes Research</i> , 2020, 46, 1221-1226.	1.9	7
43	European badger habitat requirements in the Netherlands “ combining ecological niche models with neighbourhood analysis. <i>Wildlife Biology</i> , 2018, 2018, 1-11.	1.4	6
44	An Extended dataset of occurrences of species listed in Resolution 6 of the Bern Convention from Ukraine. <i>Biodiversity Data Journal</i> , 0, 10, .	0.8	6
45	Using social network analysis to assess the Pontocaspian biodiversity conservation capacity in Ukraine. <i>Ecology and Society</i> , 2020, 25, .	2.3	5
46	Unequal Contribution of Widespread and Narrow-Ranged Species to Botanical Diversity Patterns. <i>PLoS ONE</i> , 2016, 11, e0169200.	2.5	5
47	Ecological niche information supports taxonomic delimitation of <i>Irvingia gabonensis</i> and <i>I. wombolu</i> (Irvingiaceae). <i>South African Journal of Botany</i> , 2019, 127, 35-42.	2.5	3
48	Recommendations for connecting molecular sequence and biodiversity research infrastructures through ELIXIR. <i>F1000Research</i> , 0, 10, 1238.	1.6	3
49	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> , 2009, 54, 162-165.	0.2	2
50	Collections Digitization and Assessment Dashboard, a Tool for Supporting Informed Decisions. <i>Biodiversity Information Science and Standards</i> , 0, 3, .	0.0	2
51	Unity in Variety: Developing a collection description standard by consensus. <i>Biodiversity Information Science and Standards</i> , 0, 4, .	0.0	2
52	White paper on the alignment and interoperability between the Distributed System of Scientific Collections (DiSSCo) and EU infrastructures - The case of the European Environment Agency (EEA). <i>Research Ideas and Outcomes</i> , 0, 6, .	1.0	2
53	Towards a Global Collection Description Standard. <i>Biodiversity Information Science and Standards</i> , 0, 3, .	0.0	2
54	Caspian Sea environmental variables: an extension of the BioORACLE ocean data set. <i>Ecology</i> , 2020, 101, e03076.	3.2	1

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55	Exposing the Dark Data of Undigitized Collections: A TDWG global standard for collection descriptions. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
56	Requirement Analysis for the DiSSCo Research Infrastructure. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
57	Legal Framework for Pontocaspian Biodiversity Conservation in the Danube Delta (Romania and) Tj ETQq1 1 0.784314 rgBT /Overlock	1.9	0